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ACADEMIC CALENDAR

2025-2026

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) 2025

MM and SSI classes begin	Wednesday, May 14
MM last day for late registration	Wednesday, May 14
SSI last day for late registration	Thursday, May 15
Holiday (Memorial Day). No classes	Monday, May 26
MM classes end/exams	Thursday, May 29 Friday, May 30
SSI classes end	Tuesday, June 17
Holiday (Juneteenth). No classes	Thursday, June 19
SSI reading day	Wednesday, June 18
SSI exam days	Friday, June 20 Saturday, June 21

Summer Session II (SSII) 2025

SSII classes begin	Monday, June 23
SSII last day for late registration	Tuesday, June 24
Holiday (Independence Day). No classes	Friday, July 4
SSII classes end	Thursday, July 24
SSII reading day	Friday, July 25
SSII exam days	Monday, July 28 Tuesday, July 29

Fall Semester 2025

New student convocation	Sunday, August 17
Classes begin	Monday, August 18
Last day for late registration	Friday, August 22
Holiday (Labor Day). No classes	Monday, September 1
University Day. Classes cancelled during ceremony	Sunday, October 12th
Well-being days. No classes	Monday, September 15 Tuesday, October 7
Fall break. No classes	Thursday, October 16 Friday, October 17
Thanksgiving recess. No classes	Wednesday, November 26 Thursday, November 27 Friday, November 28
Classes end	Wednesday, December 3
Reading days	Thursday, December 4 Wednesday, December 10

Exam days	Friday, December 5 Saturday, December 6 Monday, December 8 Tuesday, December 9 Thursday, December 11 Friday, December 12
Fall Commencement	Sunday, December 14

Spring Semester 2026

Classes begin	Wednesday, January 7
Last day of late registration	Wednesday, January 14
Holiday (MLK Jr.). No classes	Monday, January 19
Well-being days	Monday, February 9 Thursday, April 2
Spring break begins 5:00 p.m.	Friday, March 13
Classes resume 8:00 a.m.	Monday, March 23
Spring holiday. No classes	Friday, April 3
Classes end	Monday, April 27
Reading days	Tuesday, April 28 Friday, May 1 Wednesday, May 6
Exam days	Wednesday, April 29 Thursday, April 30 Saturday, May 2 Monday, May 4 Tuesday, May 5 Thursday, May 7

Spring Commencement	Saturday, May 9
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Summer Session I (SSI) and Maymester (MM) 2026

SSI and MM classes begin	Wednesday, May 13
MM last day for late registration	Wednesday, May 12
SSI last day for late registration	Thursday, May 14
Holiday (Memorial Day). No classes	Monday, May 25
MM classes end/exams	Thursday, May 28 Friday, May 29
SSI classes end	Tuesday, June 16
Holiday (Juneteenth). No classes	Friday, June 19
SSI reading day	Wednesday, June 17
SSI exam days	Thursday, June 18 Saturday, June 20

Summer Session II (SSII) 2026

SSII classes begin	Monday, June 22
SSII last day for late registration	Tuesday, June 23
Holiday (Independence Day). No classes	Friday, July 3
SSII classes end	Thursday, July 23
SSII reading day	Friday, July 24
SSII exam days	Monday, July 27 Tuesday, July 28

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

Policy on Prohibited Discrimination, Harassment and Related Misconduct Including Sexual and Gender-Based Harassment, Sexual Violence, Interpersonal Violence and Stalking

The University is committed to providing a welcoming environment for all members of our community. It 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

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

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(919) 843-2993

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Quintyn.Bobb@unc.edu
(919) 962-1586

Investigations Support Coordinator

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floydb@email.unc.edu
(919) 962-7151

Accommodations

Director of Equal Opportunity/Americans with Disabilities Act (ADA) Coordinator
Tiffany Bailey
tmbailey@email.unc.edu (cehall@email.unc.edu)
(919) 966-7545

Deputy Americans With Disabilities Act and Section 504 Coordinator for EOC
Simon Bloor
simon.bloor@unc.edu
(919) 962-8300

Accommodations Support Coordinators
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mad2001@email.unc.edu
(919) 962-8300

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(919) 962-9504

Accommodations Testing Coordinator
Ryan Ronan
rronan@unc.edu
(919) 962-8300

Accommodations Support Coordinator
Zoe Rosen
rosenz@unc.edu
(919) 962-8300

Communications

Communications Specialist
Hannah Langley
hannah_langley@unc.edu (cehall@email.unc.edu)

The Office of the Dean of Students (<https://dos.unc.edu/>)

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

Confidential Resources

Carolina Ethics Line (<https://secure.ethicspoint.com/domain/media/en/gui/10808/>)
(919) 445-8362
ethicsandintegrity@unc.edu

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

Violence Prevention and Advocacy Services (<https://vpas.unc.edu/>)

Holly Lovern, *Director*
(919) 962-1343

gvsc@unc.edu

Connor McCaffrey, *Coordinator*
(919) 962-1343
gvsc@unc.edu

Andrea Wright, *Coordinator*
(919) 962-1343
andrea_wright@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)
(919) 967-7273 (24-hour hotline, local number)

Graduation Rate

Pursuant to the federal Student Right-to-Know Act, we report that, in 2023–2024, the six-year completion or graduation rate for undergraduates who entered the University of North Carolina at Chapel Hill in 2018 on a full-time basis was 91.2 percent.

ADMINISTRATIVE OFFICERS

The University of North Carolina at Chapel Hill Catalog is updated once yearly during the early spring and is published on June 1. For archiving and legal purposes, it serves as a static record of the upcoming academic year. The information you see here was published in early June, 2025, and will not be updated again until June, 2026.

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- Katie Musgrove, *Chair of the Employee Forum*

Office of Undergraduate Education

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Stanley C. Ahalt, *Dean, School of Data Science and Society*

Mary Margaret Frank, *Dean, Kenan–Flagler Business School*

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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.

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.

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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

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. This catalog reflects admissions policies and requirements for fall 2024. Refer to the Undergraduate Admissions website (<https://admissions.unc.edu/>) for 2025 updates.

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

This catalog reflects admissions policies and requirements for fall 2025. Refer to the Undergraduate Admissions website (<https://admissions.unc.edu/>) for 2026 updates.

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 comprehensively, individually, 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. In addition to a candidate's academic record, the demonstrated character traits we seek include extraordinary engagement, courage, creativity, curiosity, global/cultural interests, impact via advocacy, innovative thinking, leadership, and openness to ideas. Although we expect each successful candidate to demonstrate strength in some 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 within the context of the school's and local community's course offerings. 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 demonstrated character traits 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, preferably via an approved electronic service.

- Applicants must self-report college-level coursework and grades. Official college transcripts are required from all enrolling students. Transcripts must be sent directly from the educational institution to the Office of Undergraduate Admissions, preferably via an approved electronic service.
- School report and one teacher recommendation
- 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 2026 for all students who have a cumulative, weighted GPA of 2.80 or higher. For the complete UNC System policy, visit www.northcarolina.edu/students/admission/ (<https://www.northcarolina.edu/students/admission/>). 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, and 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 (<https://admissions.unc.edu/apply/types-of-applications/first-year/>) 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)
- 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). 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 or withdraw applications from consideration for 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. Please note that individuals who have already earned a bachelor's degree can pursue a second undergraduate degree, but opportunities are limited to specific majors within the health sciences division (<https://catalog.unc.edu/undergraduate/departments/health-sciences/#programstext>), nursing, or dental hygiene. Admission to these programs is competitive and subject to departmental and University policies.

Eligible 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, preferably via an approved electronic service.
- 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, preferably via an approved electronic service.
- 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 (<https://admissions.unc.edu/apply/types-of-applications/transfer-direct-admission-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 2026 for applicants with a high school cumulative, weighted GPA of 2.80 or greater. Transfer applicants are also not required to submit a test score if they are 21 years or older or if they have 24 or more transferrable hours. For the complete UNC System policy, visit www.northcarolina.edu/students/admission/. 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 and 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)
- 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 or withdraw applications from consideration for 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 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.

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 comprehensively, individually, 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 Eligibility Requirements (MER) (<https://www.northcarolina.edu/students/admission/#eligibility>) 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, 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. To be eligible to apply and be considered for admission, a student must complete the UNC System's Minimum Eligibility Requirements (MER) (<https://www.northcarolina.edu/students/admission/#eligibility>) and Minimum Course Requirements (MCR).

Minimum Course Requirements

- 4 units of English emphasizing grammar, composition, and literature
- 4 units of college preparatory mathematics
 - 2 algebra
 - 1 geometry
- 1 higher level mathematics course for which algebra II is a prerequisite
- For students attending a North Carolina public high school, the fourth unit of math must be one of the below courses. For North Carolina students not attending a public school and all out-of-state students, the fourth math must be comparable to one of the courses listed below or it must be approved by the Office of Undergraduate Admissions.
 - AP Calculus
 - AP Statistics
 - Pre-Calculus
 - Discrete Mathematics
 - IB Mathematics Level II
 - Integrated Mathematics IV
 - Advanced Functions and Modeling
 - Essentials for College Math
- 3 units in science

- one in a life or biological science (example: biology)
- one in a physical science (example: physical science, chemistry, physics)
- one laboratory course
- 2 units of social science
 - one in United States history
- 2 additional units of English, mathematics, science, social studies, world languages, or computer science
 - The UNC System encourages students to select these courses in alignment with their academic and career objectives, and recommends completion of two sequential world language courses.

Admission to Carolina is competitive, and successful applicants typically go far beyond these minimum requirements. Most competitive applicants continue taking courses in English, mathematics, sciences, and social sciences through their senior year and complete at least two sequential world language courses.

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 world languages. 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 — and we encourage our candidates to take at least five of the most rigorous courses available to them. 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.

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.

International Students: We understand that curricula differ from country to country, and our staff is sensitive to the intricacies of each curriculum. To be considered for admission, an applicant needs to be on track to complete the pre-university curriculum in their country prior to enrolling at Carolina (e.g. A Levels, Baccalaureate). Because we receive applications from students applying from high schools across the world, we see a variety of curricula 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.

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-U.S. citizens and non-permanent resident students for whom English is not their first language must submit test scores to demonstrate their English proficiency. We accept TOEFL (our code is C182), IELTS, Duolingo, Cambridge English C1 Advanced, and Cambridge C2 Proficiency. Strong applicants typically score the following, though please note that these are not minimums and testing is always one factor among many, and never the sole or dominant reason we make our decisions:

- TOEFL or TOEFL iBT Home Edition – 100 or higher
- IELTS Academic – 7.5 or higher
- Duolingo – 130 or higher

- Cambridge English C1 Advanced – 185 or higher
- Cambridge English C2 Proficiency

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 the last four years in a country where English is the primary language.

OR

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

As a condition of enrollment, all entering students, regardless of citizenship, who have completed coursework from a foreign college or university that is not accredited within the United States must have a course-by-course evaluation of their official transcripts conducted 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 Tuition 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://isss.unc.edu/>).

N.C. Cooperative Innovative High School (Early and Middle College) Students

Students who graduate from a Cooperative Innovative High School (also known as “Early College” or “Middle 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.

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.

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 transfer admission to the College of Arts and Sciences are available at the Office of Undergraduate Admissions (<https://admissions.unc.edu/apply/decisions/>). Some professional schools and programs have additional requirements and deadlines. Refer to the specific department (<https://admissions.unc.edu/apply/types-of-applications/transfer-direct-admission-programs/>) for additional information.

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. Only University faculty and staff who evaluate applications for admission, scholarships, and special academic opportunities will have access to applications.

Though current federal legislation allows students who are enrolled or who have been enrolled at the University to access their application for admission, 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.

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 one week 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.

Course Placement

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. Additionally, 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/>).

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.

Since admitted students may take placement exams in world languages (<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. World languages placement may be based on University placement, college level examinations as listed on the website, or an equivalent transferable course from another college or university.

For mathematics placement, (<https://math.unc.edu/undergraduate/registration-advising/#Placement-Information%22%20%E7%9FHYPERLINK%20%22https://lindagreenwebuncedu/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. The department will also accept various college level examinations as listed on the website or an equivalent transferable course from another college or university. 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.

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 or transferable coursework that are recognized for placement in other subject areas.

Transfer 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 with grades that 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.

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.

Credit for Incoming Students for Courses Taken Outside of the United States

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 course-by-course evaluations of those transcripts from World Education Services (WES®).

Credit for Carolina Global Launch

The Office of Undergraduate Admissions awards credit for courses taken through Carolina Global Launch once the final transcript is available.

Credit for Current UNC–Chapel Hill Students Studying Abroad

Once a student is enrolled at UNC–Chapel Hill, they will work with other campus departments to receive credit for coursework they take during their time at UNC–Chapel Hill — the Office of Undergraduate Admissions is not involved in this process. Currently enrolled students who wish to participate in an exchange or study-abroad program for course credit should work with the UNC Study Abroad Office or the UNC school sponsoring the program to receive approval before the program begins. For more information about study abroad transfer credit for current UNC–Chapel Hill students, please visit the UNC Study Abroad website (<https://studyabroad.unc.edu/abroad/study-abroad-credit-transfer-faqs/>).

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.

Reverse Transfer (UNC–Chapel Hill and the N.C. 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/>), 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/students/transfer/NCCCS/#reverse>).

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.

Credit Review and Reconsideration

An enrolling or enrolled student may request a review of transfer credit awarded or denied (<https://admissions.unc.edu/faq/category/transfer-credit/>) 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.

UNC–Chapel Hill Dual Enrollment and Summer School for Incoming Students

Once an applicant is admitted, all course credits taken at UNC–Chapel Hill, including summer courses taken prior to fall enrollment and dual-enrollment courses attempted while a student is still in secondary school, 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 as follows:

Transferable credit hours	Number of completed semesters
Less than 15.0	0
Between 15.0 and 29.9	1
Between 30.0 and 44.9	2
Between 45.0 and 59.9	3
Between 60.0 and 75.0	4

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 including calculated transfer semesters.

Transfer hours awarded for courses taken concurrently with high school are not included in the calculation of Transferred Semesters, nor are hours awarded for credit by exam, such as Advanced Placement or International Baccalaureate, or hours taken at UNC–Chapel Hill in the summer immediately preceding full-time degree-seeking enrollment at UNC–Chapel Hill.

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>).

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.

Return to Carolina

After their first enrollment as degree-seeking students 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. (<https://admissions.unc.edu/apply/types-of-applications/return-to-carolina/>) 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/>).

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 re-enrolled and register for courses. For additional information, refer to the Office of Undergraduate Admissions. (<https://admissions.unc.edu/faq/category/return-to-carolina/>)

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)

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 evaluate students based on 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. Re-enrollment 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. Re-enrollment 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 re-enrolled 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 Structured-Pace Degree-Seeking Student (Formerly known as Part-time Classroom Studies)

UNC–Chapel Hill admits a limited number of structured-pace degree-seeking undergraduates. Undergraduates admitted as structured-pace 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 structured-pace enrollment.

Students who want to enroll as a structured-paced degree-seeking undergraduate are required to submit a structured-paced degree-seeking application through the Office of Undergraduate Admissions. (<https://admissions.unc.edu/apply/types-of-applications/part-time-classroom-studies/>)

All students admitted as prospective degree candidates must meet minimum University requirements for admission. In considering prospective structured-paced 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 as a structured-pace degree-seeking student does not constitute admission to a full-time degree program at the University.

Structured-pace 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 structured-pace 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)

Admission as a Non-Degree Student

Non-degree 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 non-degree seeking admissions application and a nonrefundable application fee through the Office of Undergraduate Admissions (<https://admissions.unc.edu/apply/types-of-applications/part-time-classroom-studies/>). (<https://admissions.unc.edu/apply/types-of-applications/part-time-classroom-studies/>)

Admission as a non-degree student is limited and does not constitute admission to a degree program at the University. Non-degree students wishing to pursue a degree must submit a degree-seeking application to the Office of Undergraduate Admissions (<https://catalog.unc.edu/admissions/undergraduate/admissions.unc.edu/apply/>). 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)

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 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 (<https://summer.unc.edu/>). 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://www.ncresidency.org/>)

Continuing students who are enrolled at the University are not required to submit an application and will register for a summer session through ConnectCarolina in spring.

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 the course registration process and academic advising. 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 on campus with a variety of programs and events during Weeks of Welcome in the fall semester and Winter Welcome in January.

Carolina Global Launch Student and Family Orientation

All students enrolling in Carolina Global Launch are required to attend 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. 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 the course registration process. Family members and guests are invited to attend Chapel Hill programs. Orientation sessions at the Carolina Global Launch host institutions are for participating students only.

The transition process continues when students arrive on campus with a variety of programs and events during Winter Welcome in 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. 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 on campus with a variety of programs and events during Weeks of Welcome in the fall semester and Winter Welcome in January.

The University of North Carolina at Chapel Hill: Admissions Policy

1. 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/>)).

2. Projections of the number of students to be admitted and enrolled in any year shall be determined:
 - a. 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
 - b. by enrollment levels approved for budgetary or other appropriate purposes.
3. 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 item 2b), those to be offered admission shall be selected on the basis of:
 - a. recognition of the institution's special responsibility to residents of North Carolina and
 - b. 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:

1. who give evidence of possessing special talents for University programs requiring such special talents, or
2. whose admission is designed to help achieve variety within the total number of students admitted and enrolled.

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 Structured-Pace Degree-Seeking status, or to non-degree status.

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 Eligibility Requirements (MER) (<https://www.northcarolina.edu/students/admission/>) 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 MER 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 succeed academically and personally and contribute to 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 succeed academically and personally and contribute to the University.

Structured-Pace Degree-Seeking Admissions (formerly Part-Time Classroom Studies)

Eligibility for admission to part-time degree-seeking or non-degree seeking student shall normally be limited to individuals living within commuting distance of Chapel Hill.

Structured-paced degree-seeking admission 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 academic 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.

Eligibility for admission as a part-time student who holds a baccalaureate degree shall be the responsibility of the Graduate School (<https://gradschool.unc.edu/programs/non-degree-studies/>). 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/>)

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 offices above with the following exception:

- The Summer School may accept visiting students who are enrolling only for the summer.

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.

Admission during the summer term by the Office of Undergraduate Admissions and the Graduate School shall be in conformity with the provisions set forth in this policy for other undergraduate and graduate admissions.

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, determine whether the grounds for an appeal are met, and shall communicate his or her decision on the appeal 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. The decision has been previously appealed to the designated admissions officer in item 1 and denied and
- b. a provision set forth in the admissions policy has been violated or
- c. 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 applicant 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

¹ 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 (<https://registrar.unc.edu/upm-4-standard-course-and-section-numbering-systems/>).

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 Students¹
- **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, Civic Life and Leadership, Data Science and Society, 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.

College of Arts and Sciences and the General College

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*

Ian F. McNeely, Ph.D., *Senior Associate Dean for Undergraduate Education*

Anne H.C. Collins, B.A., *Executive Director, Arts and Sciences Foundation*

Kelly Giovanello, Ph.D., *Senior Associate Dean for Research and Innovation*

Karla Slocum, Ph.D., *Senior Associate Dean for Faculty and Staff Development*

Jacob Bacharach, M.B.A., *Senior Associate Dean for Operations and Strategy*

Divisions

The College is divided into four divisions. All departments and curricula are assigned to one of these four divisions (see "Departments (p. 109)"). Each division has a representative who serves on the Arts and Sciences Advisory Committee (ASAC). Members are listed below by division.

David Garcia, Ph.D., *Division of Fine Arts*

Heidi Kim, Ph.D., *Division of the Humanities*

Jon Engel, Ph.D., *Division of Natural Sciences and Mathematics*

Meenu Tewari, 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 2025–2026 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 (<https://aspph.org/>). 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 five undergraduate majors: biostatistics, community and global public health, 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 their sophomore year for admission beginning in the fall of their junior year.

For current UNC–Chapel Hill students, additional information on application deadlines and how to apply can be found on 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 (<https://admissions.unc.edu/apply/types-of-applications/transfer/>) using the Transfer Common application.

For high school seniors, our five 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 2025–2026 academic year.

Departments

Four departments in the UNC Gillings School of Global Public Health offer undergraduate degrees:

- Biostatistics (p. 230)
- Environmental Sciences and Engineering (p. 353)
- Health Behavior (p. 415)
- Health Policy and Management (p. 420)
- Nutrition (p. 482)

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 (<https://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)
- Environmental Sciences and Engineering (<https://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)
- Epidemiology (<https://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)
- Health Behavior (<https://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)
- Health Policy and Management (<https://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)
- Maternal and Child Health (<https://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)
- Nutrition (<https://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)

- Public Health Leadership Program (<https://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)

Majors

- Biostatistics Major, B.S.P.H. (p. 231)
- Community and Global Public Health Major, B.S.P.H. (p. 417)
- Environmental Health Sciences Major, B.S.P.H. (p. 356)
- Health Policy and Management Major, B.S.P.H. (p. 421)
- Nutrition Major, B.S.P.H. (p. 483)

Courses

- Biostatistics (BIOS) (<https://catalog.unc.edu/courses/bios/>)
- Environmental Health Sciences and Engineering (ENVR) (<https://catalog.unc.edu/courses/envr/>)
- Epidemiology (EPID) (<https://catalog.unc.edu/courses/epid/>)
- Health Behavior (HBEH) (<https://catalog.unc.edu/courses/hbeh/>)
- Health Policy and Management (HPM) (<https://catalog.unc.edu/courses/hpm/>)
- Maternal and Child Health (MHCH) (<https://catalog.unc.edu/courses/mhch/>)
- Nutrition (NUTR) (<https://catalog.unc.edu/courses/nutr/>)
- Public Health (PUBH) (<https://catalog.unc.edu/courses/pubh/>)
- School of Public Health General (SPHG) (<https://catalog.unc.edu/courses/sphg/>)

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

Vice Dean

Robert Smith III

Associate Dean for Academic Affairs

Dana Rice

Associate Dean for Student Affairs

Charletta Sims Evans

Director of Admissions

Jonathan Earnest

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 (8), and Poets & Quants (8)
- Career development professionals who help students explore and identify career interests and build plans for pursuing them

- A curriculum connected to the liberal arts
- A global perspective relevant to the needs of business today
- Professional and identity-based activities and organizations for an active student life
- Personalized advising and coaching usually associated with smaller schools
- Experiential, action-based learning experiences
- 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.

Program Enhancement Fee

Business majors will be charged an additional fee of \$1,000/semester and business minors will be charged an additional \$500/semester. The money is directly applied to the undergraduate program to enhance the undergraduate student experience, including scholarships, programs, and advising.

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 Kenan–Flagler career, global, and community events and 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 an application-based program with approximately 530 majors and 160 minors admitted each year. Admission is competitive and based on academic achievement, motivation for business as demonstrated through involvement, career exploration and skill development activities, and personal qualities that align with our Kenan–Flagler core values as expressed through 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 curriculum in the spring semester of the second year or fall semester of the third year depending on their business prerequisite progression. First- and second-year students in the General College who consider themselves pre-business majors or minors complete certain prerequisite courses as part of their General Education requirements.

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
Calculus: The calculus mathematics requirement can be fulfilled by taking one of the following: ¹		
MATH 152	 Calculus for Business and Social Sciences ^F	
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	
STOR 113	 Decision Models for Business and Economics	
Statistics: The statistics requirement can be fulfilled by taking one of the following:		
DATA 110	 Introduction to Data Science ^H	
STOR 120	 Foundations of Statistics and Data Science ^{H, F}	
STOR 155	 Introduction to Data Models and Inference ^{H, F}	

ECON 101	 Introduction to Economics ^{H, F}	4
BUSI 100	Introduction to Business: People, Profits, Planet	1.5

^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.

¹ Calculus is not required for Business minors, including Business of Health or Real Estate.

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* business courses 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 start the business curriculum in spring semester of the second year, they need to complete all requirements by the end of the first semester of the second year. Otherwise, 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. The admissions staff from the Kenan–Flagler Business School also host regular drop-in admissions counseling hours and group workshop programming, which can all be accessed via the school's website.

Admission from the General College

Students can apply to the business major or minors after their first year at UNC. Admitted students are notified in October to start in the subsequent spring semester. Admission decisions are contingent upon the successful completion of all in-progress or remaining business prerequisites in the regular term (fall/spring) of that academic year. If students are not admitted sophomore year, they have the option of re-

applying at the beginning of their third year. Seniors are not eligible to apply.

Admission to the business administration minor or other specialized minors through the Undergraduate Business program follow the same application schedule and process as the business administration major. Students from any discipline *excluding quantitative physics* may apply.

The business administration major requires completion in a minimum of three semesters, preferably four or five. Business minors require 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. 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 tenth semester at the University. This is sometimes useful and necessary 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 approximately 50 percent of our applicants each year. Students should review the eligibility requirements and class profile at the undergraduate business admissions section of the Kenan–Flagler website. For more information regarding the admissions process, please visit the transfer admissions page of the website.

Major

- Business Administration Major, B.S.B.A. (p. 35)

Minor

- Business Administration Minor (p. 41)
- Business of Health Minor (p. 42)
- Real Estate Minor (p. 43)

Graduate Programs

- M.S. (Management) in Business Administration (<https://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school/>)
- Ph.D. in Business Administration (<https://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school/>)

Courses

- Business Administration (BUSI) (<https://catalog.unc.edu/courses/busi/>)

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 Bermiss, 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.

Contact Information

Kenan–Flagler Business School

Visit Program Website (<http://www.kenan-flagler.unc.edu>)
McColl Building, CB# 3490
(919) 962-5327

Dean

Mary Margaret Frank

Senior Associate Dean for Strategy and Academics

Bradley Staats

Associate Dean for Undergraduate Programs

Shimul Melwani

Undergraduate Business Help Desk

ubhelpdesk@kenan-flagler.unc.edu

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. 33) 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 2025–2026 academic year.

Student Learning Outcomes

Upon completion of the business administration program, students should be able to:

- Demonstrate a deep understanding of business fundamentals and apply core business concepts to address business challenges.
- Demonstrate effective communication and oral skills across various business contexts using multiple communication modes.
- Exhibit leadership through building strong relationships, a willingness to experiment, and the ability to inspire and engage others.
- Exhibit cultural and inclusive competence by navigating and respecting differences, fostering inclusivity, and engaging effectively in global contexts.
- Apply analytical and critical thinking skills to solve complex, unstructured problems.

- Understand how business impacts individual, social, and environmental well-being, and develop strategies for how business leaders can ethically serve the common good.
- Apply technological and analytic tools for business decision making.

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. 711).

A maximum of 9 credit hours of online or remote coursework may be applied toward the undergraduate business program

Students are required to complete 27 credit hours of core business courses.

Code	Title	Hours
Core Business Courses		
BUSI 401	 Management and Corporate Communication ¹	3
BUSI 402	Applied Microeconomics for Business ²	1.5
	or ECON 410  Intermediate Microeconomics	
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) ¹	3
BUSI 407	Financial Accounting ¹	3
BUSI 408	Corporate Finance (prerequisite for finance electives) ¹	3
BUSI 410	Business Analytics	3
BUSI 411	Strategy I: Competitive Strategy ³	1.5
BUSI 412	Strategy II: Global Corporate Strategy ³	1.5

Business Electives

19.5 credit hours of business electives ^{2, 4, 5, 6} 19.5

Courses Outside the Kenan-Flagler Business School

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

Total Hours 61.5

¹ Recommended to be taken within the first two semesters of the program.

² If taking ECON 410, students are subject to 18 total hours of BUSI electives.

³ BUSI 411 must be taken prior to BUSI 412; BUSI 412 must be taken in last 2 semesters.

⁴ 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 562). Other restrictions may apply to certain business courses.




⁵ 300-level courses are capped at a maximum of 9.0 credits.

⁶ 9 elective credits can be fulfilled by completing an Area of Emphasis. Students can complete two Areas of Emphasis (18 credits)

Areas of Emphasis

Although not required, you may choose to complete up to two areas of emphasis (AOE) as part of your major electives. AOE's give you the opportunity to customize your major based on your interests and desired career trajectory. All AOE's are 9 credits.

Business of Health




Code	Title	Hours
Requirements		
Required course:		
BUSI 510	The Challenge of Healthcare: A System Overview	1.5
Highly encouraged course:		
HPM 300	The U.S. Health System ¹	3
Other Approved Elective Courses:		4.5
BUSI 532	Healthcare and Service Operations Management ^H	
BUSI 625	Global Healthcare Management	
BUSI 626	Introduction to Healthcare Management	
BUSI 627	Healthcare Brand Plan	
CHIP 400	Digital Health Innovation ¹	
ECON 550	 Advanced Health Econometrics ¹	
ECON 552	 The Economics of Health Care Markets and Policy ¹	
MEJO 469	Health Communication and Marketing ¹	
MEJO 569	Behavioral Science in Health Communication ¹	
PHIL 165	 Bioethics ^{1, H}	
BMME 590	Special Topics in Biomedical Engineering ^{1, 2}	
NURS 625	Global and Interprofessional Approaches to Solve Complex Cases ¹	
Total Hours		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.

¹ While this course counts towards AOE credits, it does not count towards BUSI elective credits

² with approval, based on topic

Consulting

Code	Title	Hours
Requirements		
Required course:		
BUSI 554	Consulting Skills and Frameworks ^H	3
Required: Applied Learning Experience (select one):		3
BUSI 505	 Entrepreneurial Consulting	
BUSI 514	 STAR - Experiential Learning Project ^H	
BUSI 393	 Business Internship Project I ²	
Remaining credits from the list below:		3

Finance		
BUSI 502	Entrepreneurial Finance	
BUSI 582	Mergers and Acquisitions ^H	
BUSI 618	Global Financial Markets	
Marketing		
BUSI 488	Data Science in the Business World	
BUSI 562	Consumer Behavior	
BUSI 563	Retail & E-tail Marketing	
BUSI 564	Design Thinking and Product Development	
BUSI 566	Marketing Strategy: Sustainable Competitive Advantage in Dynamic Environments	
BUSI 568	Customer Insights and Analytics	
BUSI 559	Product Management	
Operations		
BUSI 487	Creating Data-Driven Business Insights: Databases and Visualization	
BUSI 532	Healthcare and Service Operations Management ^H	
BUSI 533	Supply Chain Management ^H	
Organizational Behavior		
BUSI 547	Managerial Decision Making	
BUSI 540	Leadership for Wicked Problems	
BUSI 555	Groups and Teams in Organizations	
BUSI 550	People Analytics	
Entrepreneurship		
BUSI 506	Venture Capital Fundamentals	
Sustainability		
BUSI 508	Sustainable Business and Impact Entrepreneurship	
BUSI 507	Sustainable Business and Social Enterprise ^H	
Accounting		
BUSI 574	Taxes and Business Strategy	
BUSI 575	Financial Statement Analysis and Valuation	
Business of Health		
BUSI 627	Healthcare Brand Plan	
Management and Communication		
BUSI 525	Advanced Business Presentations	
BUSI 530	Corporate Communication: Social Advocacy and Activism	
BUSI 490	Business Topics ^{3, H}	
Total Hours		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.

² While this course is repeatable, only 3 credits may count toward the AOE

³ with approval, based on topic

Entrepreneurship

Code	Title	Hours
Requirements		
At least three (3) credits from Group One:		3
BUSI 500	Entrepreneurship and Business Planning ^H	

BUSI 509	Entrepreneurs Lab: Advanced Entrepreneurial Insight and Leadership ^H	
BUSI 506	Venture Capital Fundamentals	
Remaining credits from Group Two:		6
BUSI 501	Professional Selling Strategies and Skills	
BUSI 502	Entrepreneurial Finance	
BUSI 503	Family Business I: Introduction to Family Enterprise	
BUSI 504	Startup UNC	
BUSI 505	 Entrepreneurial Consulting	
BUSI 508	Sustainable Business and Impact Entrepreneurship	
BUSI 517	Private Equity and Debt Markets	
BUSI 521	Design Thinking: The Innovation Process for Complex Problems	
BUSI 564	Design Thinking and Product Development	
BUSI 574	Taxes and Business Strategy	
BUSI 608	Introduction to FinTech - Blockchain Technologies and Cryptocurrencies	
Total Hours		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.

Finance

Code	Title	Hours
Requirements		
At least one (1) course from Group One:		3
BUSI 409	Advanced Corporate Finance ^H	
BUSI 502	Entrepreneurial Finance	
BUSI 506	Venture Capital Fundamentals	
BUSI 580	Investments ^H	
BUSI 582	Mergers and Acquisitions ^H	
At least two (2) courses from Group Two:		4.5
BUSI 191	Gateway into Capital Markets & Investments	
BUSI 517	Private Equity and Debt Markets	
BUSI 518H	Applied Private Equity ²	
BUSI 575	Financial Statement Analysis and Valuation	
BUSI 577	 Projects for Investment Management Experiential-Learning	
BUSI 581	Financial Modeling for Leveraged Buyout Transactions	
BUSI 583	 Applied Investment Management ^{2, H}	
BUSI 584	Financial Modeling	
BUSI 587	Investment Banking ^H	
BUSI 588	Introduction to Derivative Securities and Risk Management ^H	
BUSI 589	Fixed Income ^H	
BUSI 590	Business Seminar (subject to approval) ^{3, H}	
BUSI 600	Risk Management	
BUSI 606	Buyout Structures and Deals	
BUSI 688	Applied Trading Strategies ^H	
Additional courses from Group Three:		1.5

BUSI 511	Regional Venture Capital Immersion
BUSI 574	Taxes and Business Strategy
BUSI 597	Sustainable Finance
BUSI 607	Inside the Capital Markets - Institutions, Players and Regulators
BUSI 608	Introduction to FinTech - Blockchain Technologies and Cryptocurrencies
BUSI 618	Global Financial Markets
BUSI 556	Thinking Creatively: Cognitive Tools for Individuals and Teams
Total Hours	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.

² While this course is repeatable, only 3 credits may count toward the AOE

³ with approval, based on topic

Managing People and Organizations

Code	Title	Hours
Requirements		
Nine (9) credits from list below:		9
BUSI 350	 Symposium Core Committee ²	
BUSI 470	Storytelling to Influence and Inspire	
BUSI 540	Leadership for Wicked Problems	
BUSI 523	Diversity and Inclusion at Work	
BUSI 527	Gender at Work	
BUSI 528	Leadership Communication	
BUSI 530	Corporate Communication: Social Advocacy and Activism	
BUSI 545	Negotiations	
BUSI 547	Managerial Decision Making	
BUSI 550	People Analytics	
BUSI 555	Groups and Teams in Organizations	
BUSI 556	Thinking Creatively: Cognitive Tools for Individuals and Teams	
BUSI 526	Leadership in Action	
Total Hours		9

² While this course is repeatable, only 3 credits may count toward the AOE

Marketing

Code	Title	Hours
Requirements		
Nine (9) credits from list below:		9
BUSI 488	Data Science in the Business World	
BUSI 501	Professional Selling Strategies and Skills	
BUSI 558	Digital Marketing	
BUSI 559	Product Management	
BUSI 562	Consumer Behavior	
BUSI 563	Retail & E-tail Marketing	

BUSI 564	Design Thinking and Product Development
BUSI 565	 Marketing Research Design and Analysis
BUSI 566	Marketing Strategy: Sustainable Competitive Advantage in Dynamic Environments
BUSI 567	Customer Journeys
BUSI 568	Customer Insights and Analytics
BUSI 627	Healthcare Brand Plan
Total Hours	9

Operations Management

Code	Title	Hours
Requirements		
Required Course:		
BUSI 533	Supply Chain Management ^H	3
Remaining credits from list below:		6
BUSI 487	Creating Data-Driven Business Insights: Databases and Visualization	
BUSI 520	Advanced Spreadsheet Modeling for Business	
BUSI 532	Healthcare and Service Operations Management ^H	
BUSI 536	Project Management	
BUSI 537	Retail Operations	
BUSI 554	Consulting Skills and Frameworks ^H	
BUSI 538	Sustainable Operations	
BUSI 559	Product Management	
BUSI 490	Business Topics ^{3, H}	
STOR 305	 Introduction to Decision Analytics ¹	
Total Hours		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.

¹ While this course counts towards AOE credits, it does not count towards BUSI elective credits

³ with approval, based on topic

Real Estate

Code	Title	Hours
Requirements		
Required courses:		
BUSI 585	Introduction to Real Estate	3
BUSI 601	Real Estate Finance ^H	1.5
BUSI 603	Real Estate Development	1.5
BUSI 604	Real Estate and Capital Markets ^H	1.5
Remaining credits from the list below:		1.5
BUSI 293	 Affordable Housing Practicum	
BUSI 520	Advanced Spreadsheet Modeling for Business	
BUSI 548	Financing Affordable Housing	
BUSI 580	Investments ^H	
BUSI 589	Fixed Income ^H	
BUSI 592	 Applied Private Equity: Real Estate ²	
BUSI 605	Real Estate Capstone	

PLAN 246	 Cities of the Past, Present, and Future: Introduction to Planning ¹	
PLAN 420	Community Design and Green Architecture ¹	
Total Hours		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.

¹ While this course counts towards AOE credits, it does not count as BUSI elective credit

² While this course is repeatable, only 3 credits may count toward the AOE

Sustainability

Code	Title	Hours
Requirements		
Required Course:		
BUSI 507	Sustainable Business and Social Enterprise ^{2, H}	3
Remaining credits from this list:		6
BUSI 490	Business Topics ^{3, H}	
BUSI 540	Leadership for Wicked Problems	
BUSI 530	Corporate Communication: Social Advocacy and Activism	
BUSI 538	Sustainable Operations	
BUSI 597	Sustainable Finance	
DATA 541	Natural Hazards and Financial Risk ¹	
Total Hours		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.

¹ While this course counts towards AOE credits, it does not count towards BUSI elective credits

² Or a UBP Sustainability Global Immersion elective.

³ with approval, based on topic

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.

- For upper-level courses (equivalent to those numbered 400–699 in the Kenan–Flagler undergraduate curriculum), the course was completed at
 - an accredited institution, including but not limited to AACSB International, or
 - a constituent four-year institution of the University of North Carolina, or
 - an international partner institution of Kenan–Flagler's undergraduate business program.

- The final course grade earned was at least C (not C-) as verified by an official transcript. Courses taken Pass/Fail are ineligible.
- A comparable course is available in the Kenan–Flagler undergraduate curriculum.
- The course is not approved for credit in other UNC–Chapel Hill departments (i.e., no double credits).
- The student completed the course within the past three academic years.
- 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.

12 credits of minor courses must be completed at UNC Kenan–Flagler, except for courses taken while 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 programming, targeted networking and career fair opportunities, function- and industry-specific career clubs, individualized career coaching, and a broad library of online resources. 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.

As the job market remains highly competitive, the Undergraduate Business Program strongly encourages business students to undertake internships, leadership opportunities, global education, and other experiential learning opportunities to explore their interests and career options. These hands-on experiences provide great venues to develop the critical thinking, teamwork, communication, and technical skills 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.

Student Community Engagement and Wellness

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, and others), affinity clubs (including Carolina Women in Business, Pride@KFBS, and Minority Business Student Alliance, the Community, Equity, and Inclusion Board, and the student-run affinity groups under their umbrella), and business 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 two full-time wellness coaches who work to ensure students take care of their well-being throughout their time in the program. These coaches are available for 1-1 appointments and organize many wellness-focused initiatives and programs to support all students.

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 growing portfolio of academic and professional global programs in Europe, Africa, Asia, Latin America, and Oceania that offer students the opportunity to earn

business core and/or elective credit. Business students can develop their global perspective and career readiness skills through participation in a semester abroad, business-focused faculty-led programs, summer study abroad, or international internships.

Over \$750,000 is available in merit and financial-need scholarship funds for Kenan–Flagler students studying abroad through the Undergraduate Business Program. Additionally, Kenan–Flagler study abroad students are eligible for the Phillips Ambassador Program, which offers \$6,000 scholarships for study abroad programs in Asia.

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. 35)

Minor

- Business Administration Minor (p. 41)
- Business of Health Minor (p. 42)
- Real Estate Minor (p. 43)

Graduate Programs

- M.S. (Management) in Business Administration (<https://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school/>)
- Ph.D. in Business Administration (<https://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school/>)

Courses

- Business Administration (BUSI) (<https://catalog.unc.edu/courses/busi/>)

Contact Information

Kenan–Flagler Business School

Visit Program Website (<http://www.kenan-flagler.unc.edu>)
 McColl Building, CB# 3490
 (919) 962-5327

Dean
 Mary Margaret Frank

Senior Associate Dean for Strategy and Academics
 Bradley Staats

Associate Dean for Undergraduate Programs
 Shimul Melwani

Undergraduate Business Help Desk
ubhelpdesk@kenan-flagler.unc.edu

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. 33) 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. 711).


A maximum of 3 credit hours of online or remote coursework may be applied toward the undergraduate business minor requirements.

12 credits of 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 electives courses (regardless of credit hours) during their academic career.

Code	Title	Hours
Prerequisite Courses		
BUSI 100	Introduction to Business: People, Profits, Planet	1.5
ECON 101	 Introduction to Economics ^{H, F}	4
One course from this list:		3
STOR 155	 Introduction to Data Models and Inference ^{H, F}	
DATA 110	 Introduction to Data Science	

STOR 120  Foundations of Statistics and Data Science ^{H, F}

Total Hours **8.5**

^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
Core Courses		
BUSI 403	Operations Management	3
BUSI 406	Marketing	3
BUSI 408	Corporate Finance	3
BUSI 411	Strategy I: Competitive Strategy ¹	1.5
BUSI ---	Additional BUSI courses to reach the minimum 15 credit hours	4.5
Total Hours		15

¹ 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. 35)

Minor

- Business Administration Minor (p. 41)
- Business of Health Minor (p. 42)
- Real Estate Minor (p. 43)

Graduate Programs

- M.S. (Management) in Business Administration (<https://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school/>)
- Ph.D. in Business Administration (<https://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school/>)

Courses

- Business Administration (BUSI) (<https://catalog.unc.edu/courses/busi/>)

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Business of Health Minor

The business of health minor will allow students to graduate with solid knowledge of concepts at the intersection of business and health. This minor is a perfect option to pair with majors that offer entry into healthcare professions.

Admission (p. 33) 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. 711).

Business of Health Minors may take a maximum of two business elective courses outside their required program coursework.

Code	Title	Hours
Prerequisite Courses		
BUSI 100	Introduction to Business: People, Profits, Planet	1.5
ECON 101	 Introduction to Economics ^{H, F}	4
One course from this list:		3
STOR 155	 Introduction to Data Models and Inference ^{H, F}	
STOR 120	 Foundations of Statistics and Data Science ^{H, F}	
DATA 110	 Introduction to Data Science ^H	
Total Hours		8.5

^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
Core Requirements		
Select one of the following options:		3
BUSI 403	Operations Management	
BUSI 406	Marketing	
BUSI 407	Financial Accounting	
BUSI 408	Corporate Finance	

HPM 300	The U.S. Health System	3
BUSI 411	Strategy I: Competitive Strategy	1.5
BUSI 510	The Challenge of Healthcare: A System Overview	1.5
BUSI 5--	Capstone (pending course proposal)	1.5
Additional elective courses to reach the minimum 15 credit hours, chosen from the following list:		4.5
BUSI 532	Healthcare and Service Operations Management ^H	
BUSI 625	Global Healthcare Management	
BUSI 626	Introduction to Healthcare Management	
BUSI 627	Healthcare Brand Plan	
CHIP 400	Digital Health Innovation	
ECON 450	Health Economics: Problems and Policy	
ECON 550	 Advanced Health Econometrics	
ECON 552	 The Economics of Health Care Markets and Policy	
MEJO 469	Health Communication and Marketing	
MEJO 569	Behavioral Science in Health Communication	
NURS 625	Global and Interprofessional Approaches to Solve Complex Cases	
PHIL 165	 Bioethics ^H	
BMME 590	Special Topics in Biomedical Engineering ¹	
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.

¹ with approval, based on topic.

Department Programs

Major

- Business Administration Major, B.S.B.A. (p. 35)

Minor

- Business Administration Minor (p. 41)
- Business of Health Minor (p. 42)
- Real Estate Minor (p. 43)

Graduate Programs

- M.S. (Management) in Business Administration (<https://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school/>)
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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. 33) 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. 711).

Code	Title	Hours
Prerequisite Courses		
BUSI 100	Introduction to Business: People, Profits, Planet	1.5
ECON 101	 Introduction to Economics ^{H, F}	4
One course from this list:		8.5
DATA 110	 Introduction to Data Science ^H	
STOR 120	 Foundations of Statistics and Data Science ^{H, F}	
STOR 155	 Introduction to Data Models and Inference ^{H, F}	

^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.

Real Estate minors may take a maximum of two business elective courses outside their required program coursework.

Code	Title	Hours
Core Requirements		
BUSI 408	Corporate Finance	3
BUSI 548	Financing Affordable Housing	1.5

BUSI 585	Introduction to Real Estate	3
BUSI 601	Real Estate Finance ^H	1.5
BUSI 603	Real Estate Development	1.5
BUSI 604	Real Estate and Capital Markets ^H	1.5
BUSI 605	Real Estate Capstone	3

Consider adding optional courses from the list below:

BUSI 293	 Affordable Housing Practicum	
BUSI 520	Advanced Spreadsheet Modeling for Business	
BUSI 592	 Applied Private Equity: Real Estate	
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 420	Community Design and Green Architecture	
PLAN 575	 Real Estate Development	
ECON 440	Analysis of Public Finance	
ECON 490	Special Topics	

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.

Department Programs

Major

- Business Administration Major, B.S.B.A. (p. 35)

Minor

- Business Administration Minor (p. 41)
- Business of Health Minor (p. 42)
- Real Estate Minor (p. 43)

Graduate Programs

- M.S. (Management) in Business Administration (<https://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school/>)
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Courses

- Business Administration (BUSI) (<https://catalog.unc.edu/courses/busi/>)

Contact Information

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Dean

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School of Data Science and Society Introduction

The School of Data Science and Society (SDSS) was founded in 2022 with a mission to serve the state, the nation, and the world with premier data science educational programs and unique, collaborative research programs directed to advance the public good. SDSS seeks to shape the emerging field of data science with a human-centric approach to the entire data life cycle and envisions a world made healthy, safe, and prosperous through data-informed decisions. The school offers learner-focused programs that develop core competencies in data science, preparing students for the workforce or an advanced degree program.

Admission to the Major

Those wishing to declare the Bachelor of Science (B.S.) in Data Science must be admitted to the School of Data Science and Society. Students are eligible to apply in the spring semester after completing or while currently enrolled in the prerequisite courses. Please see the school's website (<https://datascience.unc.edu/undergraduate-degrees/>) for the most up-to-date information about the admission to the major process.



Advising









After admission and acceptance, the Bachelor of Science in Data Science becomes a student's major. In addition to general advising through UNC Advising (<https://advising.unc.edu/>), students will receive academic and faculty advisors in the School of Data Science and Society. The School of Data Science and Society Academic Affairs Office manages additional student support services, including community-building activities and career preparation.

Preparing for the Bachelor of Science in Data Science

A student admitted to the School of Data Science and Society typically begins the Undergraduate Bachelor of Science in Data Science 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-data science B.S. majors complete certain prerequisite courses as part of their General Education requirements.

A pre-data science 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
DATA 110	 Introduction to Data Science ^H	3
One of the following:		
STOR 120	 Foundations of Statistics and Data Science ^{H, F}	

COMP 110	 Introduction to Programming ^H	
COMP 116	Introduction to Scientific Programming	
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
or MATH 235	 Mathematics for Data Science	
MATH 347	 Linear Algebra for Applications ^F	3
One of the following:		
STOR 315	 Discrete Mathematics for Data Science	
COMP 283	 Discrete Structures ^H	
MATH 381	Discrete Mathematics ^H	

^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.

Major

- Data Science, B.S. (p. 48)

Minor

- Risk Management Minor (<https://catalog.unc.edu/undergraduate/programs-study/risk-management-minor/>)

Courses

- Data Science (DATA) (<https://catalog.unc.edu/courses/data/>)

Professors

Stan Ahalt, David Adalsteinsson, Amarjit Budhiraja, Melissa Haendel, Ashok Krishnamurthy, Terry Magnuson, Steve Marron, Jack Snoeyink.

Associate Professors

Wei-Tong (Louis) Fan, Sun-Ha Hong, Hsun-Ta Hsu, Youzuo Lin, Yifei Lou, Santiago Olivella, Courtney Rivard, Keriayn Smith.

Assistant Professors

Iain Carmichael, Can Chen, Anita Crescenzi, Neil Gaikwad, Dan Kessler, Lauren Kucirka, Harlin Lee, Alex McAvoy, Lina Montoya, Justin Sola, Huaxiu Yao, Ran Zhang, Weitong Zhang, Chudi Zhong, Tarek Zikry.

Teaching Professors

Richard Marks, Julie McMurry, Rei Sanchez-Arias, David Yokum.

Contact Information

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Dean

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Data Science Major, B.A.

The bachelor of arts (B.A.) in data science provides students with high-level development of competencies in mathematics, statistics, computational foundations, ethics, and communication. The curriculum aims to go beyond basic competencies, providing opportunities to integrate analytic techniques across a broad variety of coursework, and allow students to customize the application of data science knowledge according to discipline-specific domain specializations.

Student Learning Outcomes

Upon completion of the data science program, students should be able to:




- Understand data sources and constructs, including the conceptual and technical foundations of representing, organizing, retrieving, and using data and information
- Understand and implement ethical practices in data collection, management, analysis, and reporting, including privacy, security, and governance of data
- Build and understand algorithms for analyzing data and accurate numerical modeling for problems
- Use appropriate data analytics and statistical techniques to discover new relationships, deliver insights into research problems or organizational processes, and support decision-making
- Convey data analyses through written and oral communication skills as well as visualization techniques
















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. 711).

Code	Title	Hours
Core Requirements		
Foundations of Data and Information (two courses):		
DATA 110	 Introduction to Data Science ^H	3
Select one of the following options:		3
DATA 130	 Critical Data Literacy	
ENGL 480	Digital Humanities History and Methods	
ENGL 482	 Metadata, Mark-up, and Mapping: Understanding the Rhetoric of Digital Humanities	

INLS 201	 Foundations of Information Science	
SOCI 318	Computational Sociology	
Responsible Data Science (one course):		
DATA 120	 Ethics of AI and Societal Decision Making ^H	3
Computational Thinking (two courses):		
COMP 110	 Introduction to Programming ^H	3
	or COMP 116 Introduction to Scientific Programming	
DATA 140	Introduction to Data Structures and Management	3
Mathematical and Statistical Foundations (four courses):		
MATH 210	 Mathematical Tools for Data Science	3
	or MATH 347  Linear Algebra for Applications	
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
STOR 120	 Foundations of Statistics and Data Science ^{H, F}	4
STOR 320	 Methods and Models of Data Science	3-4
	or STOR 455 Methods of Data Analysis	
Communication (select one course from the following options):		3
COMM 113	 Public Speaking	
COMM 171	 Argumentation and Debate	
DATA 150	 Communication for Data Scientists	
ENGL 119	 Picture This: Principles of Visual Rhetoric	
ENGL 303	 Scientific and Technical Communication	
ENGL 411	 Composing for Clients: Technical Communication Practicum	
GEOG 115	Maps: Geographic Information from Babylon to Google	
GEOG 415	 Communicating Important Ideas	
INLS 541	Information Visualization	
MEJO 102	Future Vision: Exploring the Visual World	
Four additional courses from a concentration area (see below)		12
Total Hours		44-45






^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.

Concentrations

Data Journalism

This concentration equips students to understand how to employ data science to find and tell hidden stories that inform the public discourse, civic life and democracy. Students will learn how to acquire, clean, analyze and present data in multiple media simply and clearly for a general audience of citizens. The concentration combines foundational data science competencies with multimedia web development, data visualization and news reporting skills and ethics to prepare students to meet the increasingly complex and quantitative needs required by professional journalists.

Code	Title	Hours
MEJO 487	Intermediate Interactive Media ¹	3
MEJO 570	 Data Driven Journalism	3
Select one of the following options:		3
GEOG 215	 Introduction to Spatial Data Science	
LING 460	 Making Sense of Big Data: Textual Analysis with R	
POLI 209	 Analyzing Public Opinion ^H	
STOR 538	Sports Analytics ¹	
Select one of the following options:		3
MEJO 459	 Community Journalism ¹	
MEJO 553	Advanced Reporting ¹	
MEJO 625	Media Hub ^H	
MEJO 630	Business News Wire ^H	
Total Hours		12


^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ Course requires a prerequisite(s) not otherwise counting in the major. Please review prerequisite information carefully when planning your course selection.

Economic Analysis

This concentration prepares students for careers in quantitatively focused occupations at the intersection of economics and data science. The courses offer a rigorous foundation for econometric and data-science methodologies commonly used in economic analysis, as well as requiring an understanding of the application of these methods in at least one field within economics.

Code	Title	Hours
ECON 370	Economic Applications of Data Science ¹	3
ECON 400	 Introduction to Data Science and Econometrics ^{1, H}	4
ECON 470	 Econometrics ^{1, H}	3
Select one of the following options:		3
ECON 423	Financial Markets and Economic Fluctuations ^{1, H}	
ECON 425	Financial Economics ¹	
ECON 445	 Industrial Organization ¹	
ECON 450	Health Economics: Problems and Policy ¹	
ECON 480	Labor Economics ¹	
ECON 522	Macroeconomic Analysis of the Labor Market ¹	
ECON 525	 Advanced Financial Economics ¹	
ECON 545	 Advanced Industrial Organization ¹	
ECON 550	 Advanced Health Econometrics ¹	
ECON 551	 Economics of Education ¹	
ECON 552	 The Economics of Health Care Markets and Policy ¹	
ECON 571	 Advanced Econometrics ¹	
ECON 573	 Machine Learning and Econometrics ¹	






ECON 575	Applied Time Series Analysis and Forecasting ¹	
ECON 580	 Advanced Labor Economics ¹	
Total Hours		13

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ Course requires a prerequisite(s) not otherwise counting in the major. Please review prerequisite information carefully when planning your course selection.

Quantitative Language Science






This concentration explores how data-science methods including statistical, mathematical, and computational methods are applied to study theoretical language science/linguistics, and natural language processing. This courses will familiarize students with linguistic concepts in the context of data-science methodology and help prepare them for jobs or for further study in computational linguistics and AI.

Code	Title	Hours
LING 401	 Introduction to Computational Linguistics ¹	3
LING 460	 Making Sense of Big Data: Textual Analysis with R	3
LING 540	 Mathematical Linguistics ¹	3
Select one of the following options:		3
LING 225	 Busting Language Myths	
LING 520	 Linguistic Phonetics	
Total Hours		12

¹ Course requires a prerequisite(s) not otherwise counting in the major. Please review prerequisite information carefully when planning your course selection.

Urban Data Analytics

This concentration equips students with the skills necessary to apply data science tools for the public good, specifically to improve the quality of life of people in human settlements.








Code	Title	Hours
Select one of the following options:		3
PLAN 246	 Cities of the Past, Present, and Future: Introduction to Planning	
PLAN 247	 Solving Urban Problems	
PLAN 256	 Planning the City: Possibilities, Participants, and Change	
PLAN 257	 Tools for Urbanists	
PLAN 714	Urban Spatial Structure ¹	
PLAN 562	Seminar on The Ethics and Politics of New Urban Analytics	3
Select one of the following options:		3
PLAN 372	 Introduction to Urban Data Analytics	
PLAN 672	Urban Data Analytics	
Select one of the following options:		3
PLAN 591	Applied Issues in Geographic Information Systems	

PLAN 635	Energy Modeling for Environment and Public Health	
PLAN 636	 Urban Transportation Planning	
PLAN 637	 Public Transportation	
PLAN 671	Development Planning Techniques	
PLAN 720	Planning Methods ¹	
PLAN 739	Transportation Planning Models ¹	
PLAN 745	Development Impact Assessment ¹	
Total Hours		12

¹ Courses at the 700-level require permission of the instructor for undergraduate students to enroll.






Sociology


The sociology concentration enables students to understand how data, the analysis of data, and social scientific methodological approaches can be used to study people in society, including interpersonal dynamics, inequality, social structures, and cultural systems.

Code	Title	Hours
SOCI 251	 Research Methods	3
Select three of the following options:		9
MNGT 345	 Public Policy Toward Business	
MNGT 380	The Economics of Labor Relations	
SOCI 121	 Population Problems	
SOCI 172	 Introduction to Population Health in the United States	
SOCI 252	 Data Analysis	
SOCI 277	Societies and Genomics	
SOCI 302	Fieldwork in Entrepreneurship	
SOCI 427	 The Labor Force	
SOCI 429	 Religion and Society	
Total Hours		12

Data and Society

This concentration equips students to understand the social, cultural, historical, and political dimensions and impacts of data-driven technologies. Students will learn critical capacities to engage with and evaluate contemporary technologies, understand their histories, and map their social impacts.










Code	Title	Hours
Select four of the following options:		12
COMM 83	 First-Year Seminar: Networked Societies (first-year students only)	
COMM 86	 First-Year Seminar: Surveillance and Society (first-year students only)	
COMM 249	Introduction to Communication Technology, Culture, and Society	
COMM 348	 Algorithms and Society	
COMM 360	 Social Media and Society	
COMM 453	 The History of New Media Technology in Everyday Life	

COMP 380	 Technology, Ethics, & Culture ^H	
MEJO 242	From Gutenberg to Google: A History of Media	
HIST 322	Technology and American Culture	
HIST 328	History of the Computer	
Total Hours		12

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Geographic Information Science

This concentration equips students to understand fundamentals of GIScience concepts and build expert knowledge in the use of geospatial technologies such as GIS, remote sensing, spatial analysis and modeling, database development and management, programming, Web GIS, and geovisualization.

Code	Title	Hours
GEOG 215	 Introduction to Spatial Data Science	3
GEOG 370	 Introduction to Geographic Information	3
Select two of the following options:		6
GEOG 391	Quantitative Methods in Geography	
GEOG 410	 Modeling of Environmental Systems	
GEOG 456	 Geovisualizing Change	
GEOG 477	 Introduction to Remote Sensing of the Environment	
GEOG 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 567	 Geospatial Data Analysis with Google Earth Engine	
GEOG 577	 Advanced Remote Sensing	
GEOG 591	 Applied Issues in Geographic Information Systems	
GEOG 592	 Geographic Information Science Programming	

Total Hours **12**

Department Programs

Major

- Data Science Major, B.A. (p. 45)
- Statistics and Analytics Major, B.S. (p. 612)

Minor

- Data Science Minor (p. 615)
- Statistics and Analytics Minor (p. 614)

Graduate Programs

- M.S. in Statistics, Analytics, and Data Science (STANDS) (<https://catalog.unc.edu/graduate/schools-departments/statistics-operations-research/>)

- Ph.D. in Statistics and Operations Research (<https://catalog.unc.edu/graduate/schools-departments/statistics-operations-research/>)

Courses

- Statistics and Operations Research (STOR) (<https://catalog.unc.edu/courses/stor/>)

Contact Information

Department of Statistics and Operations Research

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

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Data Science Major, B.S.

The bachelor of science (B.S.) in data science provides students with a strong foundation in preparation for entry to the workforce or pursuit of an advanced degree. The B.S. in data science is comprised of six competencies:

- responsible data science
- communication
- computational thinking
- mathematical and statistical foundations
- optimization
- machine learning and artificial intelligence (AI)

The curriculum provides in-depth exposure to quantitative topics and opportunities for direct application through four-course concentrations, upper-level electives, mentored research, and internship opportunities.

Admission to the Major

Those wishing to declare the bachelor of science (B.S.) in data science must be admitted to the School of Data Science and Society. Students are eligible to apply in the spring semester after completing the majority of or while currently enrolled in the prerequisite courses. Please see the school's website (<https://datascience.unc.edu/undergraduate->

[degrees/apply/](#)) for the most up-to-date information about the admission to the major process.

Student Learning Outcomes

The B.S. in data science is comprised of the following six competencies and corresponding learning outcomes:

Responsible Data Science

- The Responsible Data Science competency focuses on the ethical practice of data collection, analysis, and communication, aiming to generate fair and explainable data-driven insights while minimizing harmful unintended consequences. Students will develop strategies involved in mitigating bias, protecting privacy, and weighing the impact of different data science applications; as well as build a formal framework for understanding the ethical implications of these strategies.

Communications

- The Communications competency equips students to translate complex data analyses into actionable insights that drive decision-making and innovation. Students will develop the ability to convey data findings clearly and persuasively through written, oral, and visual means to both technical and non-technical audiences.

Computational Foundations

- The Computational Foundations competency develops students' abilities to thoughtfully choose levels of abstraction and strategically select from among available tools. Students will evaluate results from pilot studies, extrapolate to scale, and clearly report the reasoning for decisions.

Mathematical and Statistical Foundations

- The Mathematical and Statistical Foundations competency provides a rigorous foundation in the mathematical and statistical principles that underlie the analysis of data. Students will use essential tools to support data-informed decision-making, including calculus, linear algebra, probability theory, inference, modeling, and optimization.

Optimization

- The Optimization competency involves analyzing complex systems with multiple variables to identify optimal solutions. Students will use various optimization techniques to model relationships between variables and apply analytical methods to enhance processes and outcomes.

Machine Learning and Artificial Intelligence (AI)










- The Machine Learning (ML) and Artificial Intelligence (AI) competency involves the creation of algorithms and systems that enable machines to learn from data and aid in decision-making or predictions. Students will develop, implement, and assess AI/ML models across various applications, using both foundational theory and practical skills in these rapidly evolving fields.











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. 711).

Code	Title	Hours
Core Requirements		
DATA 110	 Introduction to Data Science ^{†, H}	3
DATA 120	 Ethics of AI and Societal Decision Making ^H	3
Communications (select one):		3
DATA 150	 Communication for Data Scientists	
COMM 113	 Public Speaking	
COMM 171	 Argumentation and Debate	
ENGL 119	 Picture This: Principles of Visual Rhetoric	
ENGL 303	 Scientific and Technical Communication	
ENGL 411	 Composing for Clients: Technical Communication Practicum	
GEOG 115	Maps: Geographic Information from Babylon to Google	
GEOG 415	 Communicating Important Ideas	
INLS 541	Information Visualization	
MEJO 102	Future Vision: Exploring the Visual World	
Mathematical and Statistical Foundations (select one):		3
BIOS 650	Basic Elements of Probability and Statistical Inference I	
MATH 521	Advanced Calculus I ^H	
STOR 435/ MATH 535	Introduction to Probability ^H	
STOR 535	Probability for Data Science	
STOR 634	Probability I	
Optimization (select one):		3
MATH 522	Advanced Calculus II ^H	
MATH 524	Elementary Differential Equations	
MATH 560	Optimization with Applications in Machine Learning	
STOR 415	Introduction to Optimization ^H	
STOR 612	Foundations of Optimization	
Machine Learning and AI (select one):		3
BIOS 635	Introduction to Machine Learning	
COMP 562	Introduction to Machine Learning ^H	
DATA 521	Foundations in Artificial Intelligence	
STOR 565	Machine Learning	
STOR 566	Introduction to Deep Learning	
Computational Thinking (select one):		3-4

BIOS 511	Introduction to Statistical Computing and Data Management	
BIOS 512	Data Science Basics	
COMP 301	Foundations of Programming	
MATH 566	Introduction to Numerical Analysis	
MATH 661	Scientific Computation I	
STOR 320	 Methods and Models of Data Science	
STOR 520	Statistical Computing for Data Science	
STOR 572	Simulation for Analytics	
Choose six upper-division electives (see list below) OR a four-course concentration and two upper-division electives. ¹		18
Additional Requirements		
MATH 231	 Calculus of Functions of One Variable I ^{†, H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{†, H, F}	4
MATH 347	 Linear Algebra for Applications ^{†, F}	3
STOR 120	 Foundations of Statistics and Data Science ^{†, H, F}	3-4
or COMP 110  Introduction to Programming		
or COMP 116 Introduction to Scientific Programming		
MATH 233	 Calculus of Functions of Several Variables ^{†, H, F}	4
or MATH 235  Mathematics for Data Science		
MATH 381	Discrete Mathematics ^{†, H}	3-4
or STOR 315  Discrete Mathematics for Data Science		
or COMP 283  Discrete Structures		
Total Hours		60-63


^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.

[†] Must be completed to apply to the School of Data Science and Society.

¹ One course cannot fulfill two core requirements. For example, one course cannot satisfy a competency requirement and an upper-level elective requirement. Students are limited to one DATA 890 as an upper-level elective.

Upper-Division Electives











Code	Title	Hours
BIOS 645	Principles of Experimental Analysis	3
BIOS 664	Sample Survey Methodology	4
COMP 421	Files and Databases	3
COMP 488	Data Science in the Business World	3
COMP 550	 Algorithms and Analysis	3
COMP 560	Artificial Intelligence	3
COMP 562	Introduction to Machine Learning ^H	3
COMP 586	Natural Language Processing	3

COMP 664	Deep Learning	3
COMP 683	Computational Biology	3
DATA 481	 Data Science Practicum	3
DATA 493	 Internship in Data Science	3
DATA 495	 Mentored Research in Data Science	3
DATA 496	Directed Exploration in Data Science	3
DATA 543	Risk, Data Science and AI	3
DATA 520	 Research-Methods for Socially Responsible AI: An Ethical Expedition	3
DATA 521	Foundations in Artificial Intelligence	3
DATA 522	Practical Deep Learning Systems	3
DATA 523	Modeling and Data Mining For Artificial Intelligence	3
DATA 593	 Internship in Data Science	12
DATA 693H	 Honors Thesis in Data Science	3
DATA 694H	 Honors Thesis in Data Science	3
DATA 890	Special Topics in Data Science (one time only, with permission)	3
ENGL 411	 Composing for Clients: Technical Communication Practicum	3
GEOG 415	 Communicating Important Ideas	3
INLS 541	Information Visualization	3
MATH 521	Advanced Calculus I ^H	3
MATH 522	Advanced Calculus II ^H	3
MATH 524	Elementary Differential Equations	3
MATH 528	Mathematical Methods for the Physical Sciences I	3
MATH 529	Mathematical Methods for the Physical Sciences II	3
MATH 550	Topology	3
MATH 560	Optimization with Applications in Machine Learning	3
MATH 566	Introduction to Numerical Analysis	3
MATH 577	Linear Algebra	3
MATH 590	Topics in Mathematics (approval based on topic)	3
MATH 594	Nonlinear Dynamics	3
MATH 661	Scientific Computation I	3
STOR 415	Introduction to Optimization ^H	3
STOR 435/ MATH 535	Introduction to Probability ^H	3
STOR 445	Stochastic Modeling	3
STOR 455	Methods of Data Analysis ^H	3
STOR 512	Optimization for Machine Learning and Neural Networks	3
STOR 520	Statistical Computing for Data Science	4
STOR 535	Probability for Data Science	3
STOR 538	Sports Analytics	3
STOR 543	Dynamic Decision Analytics	3
STOR 545	Stochastic Models and their Applications	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
STOR 590	Special Topics in Statistics and Operations Research (approval based on topic)	3
STOR 612	Foundations of Optimization	3
STOR 634	Probability I	3
STOR 712	Optimization for Machine Learning and Data Science	3
STOR 893	Special Topics (approval based on topic)	1-3
MATH 662	Scientific Computation 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.



Economic Analysis Concentration


Code	Title	Hours
ECON 400	 Introduction to Data Science and Econometrics ^{1, H}	4
ECON 470	 Econometrics ^{1, H}	3
Select one of the following options:		3
ECON 571	 Advanced Econometrics ¹	
ECON 573	 Machine Learning and Econometrics ¹	
ECON 575	Applied Time Series Analysis and Forecasting ¹	
Select one of the following options:		3
ECON 522	Macroeconomic Analysis of the Labor Market ¹	
ECON 525	 Advanced Financial Economics ¹	
ECON 545	 Advanced Industrial Organization ¹	
ECON 550	 Advanced Health Econometrics ¹	
ECON 551	 Economics of Education ¹	
ECON 552	 The Economics of Health Care Markets and Policy ¹	
ECON 580	 Advanced Labor Economics ¹	
Total Hours		13

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ Course requires a prerequisite(s) not otherwise counting in the major. Please review prerequisite information carefully when planning your course selection.

Data Science in Politics Concentration







Code	Title	Hours
POLI 381	Data in Politics II: Frontiers and Applications ¹	3
POLI 480	 Experimenting on Politics ^H	3
Select one of the following options:		3
POLI 209	 Analyzing Public Opinion ^H	
POLI 350	 Peace Science Research ¹	
POLI 487	 Networks in International Relations	

POLI 488	Game Theory ¹	
Select one of the following options:		3
POLI 193	 Internship in Political Science ¹	
POLI 395	 Mentored Research in Political Science (for 3 credits)	
Total Hours		12

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ Course requires a prerequisite(s) not otherwise counting in the major. Please review prerequisite information carefully when planning your course selection.

Urban Analytics Concentration

Code	Title	Hours
Select one of the following:		3
PLAN 246	 Cities of the Past, Present, and Future: Introduction to Planning	
PLAN 247	 Solving Urban Problems	
PLAN 256	 Planning the City: Possibilities, Participants, and Change	
PLAN 257	 Tools for Urbanists	
PLAN 714	Urban Spatial Structure ¹	
Select one of the following:		3
PLAN 562	Seminar on The Ethics and Politics of New Urban Analytics	
Select one of the following:		3
PLAN 672	Urban Data Analytics	
Select one of the following:		3
PLAN 591	Applied Issues in Geographic Information Systems	
PLAN 635	Energy Modeling for Environment and Public Health	
PLAN 636	 Urban Transportation Planning	
PLAN 637	 Public Transportation	
PLAN 671	Development Planning Techniques	
PLAN 720	Planning Methods ¹	
PLAN 745	Development Impact Assessment ¹	
PLAN 739	Transportation Planning Models ¹	
Total Hours		12

¹ 700-level courses are listed in the proposal and undergraduates will need special permission to register for courses above 600.




Sports Analytics Concentration

Code	Title	Hours
STOR 538	Sports Analytics	3
STOR 590	Special Topics in Statistics and Operations Research (For 24-25 Sports Data Analysis Lab)	3
Select two of the following:		6
STOR 455	Methods of Data Analysis ^H	

STOR 475	Healthcare Risk Analytics	
STOR 543	Dynamic Decision Analytics	
STOR 555	Mathematical Statistics	
STOR 556	Time Series Data Analysis	
STOR 557	Advanced Methods of Data Analysis	
STOR 565	Machine Learning	
STOR 572	Simulation for Analytics	
EXSS 221	Introduction to Sport Administration	
EXSS 324	Finance and Economics of Sport	
EXSS 327	 Predictive Analytics in Sport ^H	
Total Hours		12

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Quantitative Language Science Concentration

Code	Title	Hours
LING 401	 Introduction to Computational Linguistics ¹	3
LING 460	 Making Sense of Big Data: Textual Analysis with R	3
LING 540	 Mathematical Linguistics ¹	3
COMP 586	Natural Language Processing ¹	3
Total Hours		12

¹ Course requires a prerequisite(s) not otherwise counting in the major. Please review prerequisite information carefully when planning your course selection.

Operations Research Concentration

Code	Title	Hours
STOR 415	Introduction to Optimization ^H	3
STOR 445	Stochastic Modeling	3
Choose two of the following:		6
STOR 512	Optimization for Machine Learning and Neural Networks	
STOR 543	Dynamic Decision Analytics	
STOR 545	Stochastic Models and their Applications	
STOR 572	Simulation for Analytics	
STOR 641	Stochastic Modeling I	
STOR 642	Stochastic Modeling II	
Total Hours		12

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Mathematical Foundations Concentration

Code	Title	Hours
Analytical Methods. Choose one of the following:		3
MATH 524	Elementary Differential Equations	
MATH 528	Mathematical Methods for the Physical Sciences I	
MATH 560	Optimization with Applications in Machine Learning	

STOR 512	Optimization for Machine Learning and Neural Networks	
Algebraic and Computational Techniques. Choose one of the following:		3
MATH 533	Elementary Theory of Numbers	
MATH 577	Linear Algebra	
MATH 661	Scientific Computation I	
MATH 662	Scientific Computation II	
Statistical Methods. Choose one of the following:		3
STOR 555	Mathematical Statistics	
STOR 556	Time Series Data Analysis	
STOR 557	Advanced Methods of Data Analysis	
STOR 654	Statistical Theory I	
Computational and Stochastic Modeling. Choose one of the following:		3
STOR 445	Stochastic Modeling	
STOR 543	Dynamic Decision Analytics	
STOR 545	Stochastic Models and their Applications	
MATH 564	Mathematical Modeling in the Life Sciences	
Total Hours		12


Decision Analytics Concentration

Code	Title	Hours
STOR 445	Stochastic Modeling	3
STOR 572	Simulation for Analytics	3
Choose two of the following:		6
COMP 562	Introduction to Machine Learning ^H	
STOR 455	Methods of Data Analysis ^H	
STOR 475	Healthcare Risk Analytics	
STOR 512	Optimization for Machine Learning and Neural Networks	
STOR 543	Dynamic Decision Analytics	
STOR 545	Stochastic Models and their Applications	
STOR 555	Mathematical Statistics	
STOR 565	Machine Learning	
Total Hours		12

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Statistical Learning and Data Analysis Concentration

Code	Title	Hours
STOR 555	Mathematical Statistics	3
STOR 565	Machine Learning	3
Choose two of the following:		6
STOR 512	Optimization for Machine Learning and Neural Networks	
STOR 556	Time Series Data Analysis	
STOR 557	Advanced Methods of Data Analysis	
STOR 566	Introduction to Deep Learning	
STOR 654	Statistical Theory I	
STOR 655	Statistical Theory II	
STOR 664	Applied Statistics I	

STOR 665	Applied Statistics II	
Total Hours		12
Advanced Artificial Intelligence and Machine Learning Concentration		
Code	Title	Hours
DATA 520	 Research-Methods for Socially Responsible AI: An Ethical Expedition	3
DATA 521	Foundations in Artificial Intelligence	3
Selection one of the following courses:		3
DATA 522	Practical Deep Learning Systems	
DATA 523	Modeling and Data Mining For Artificial Intelligence	
One additional course from the AI and Machine Learning Competency:		3
BIOS 635	Introduction to Machine Learning	
COMP 562	Introduction to Machine Learning ^H	
STOR 565	Machine Learning	
STOR 566	Introduction to Deep Learning	
MATH 560	Optimization with Applications in Machine Learning	
Total Hours		12

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Health Informatics Concentration

Code	Title	Hours
CHIP 725	Electronic Health Records ¹	3
CHIP 690	Intermediate Selected Topics ²	3
CHIP 710	Systems Analysis in Healthcare ¹	3
Select one of the following elective courses:		3
CHIP 793	Health Informatics Internship (for 3 credits) ¹	
STOR 475	Healthcare Risk Analytics	
CHIP 732	Database Systems in Healthcare ¹	
CHIP 721	Healthcare Systems in the US ¹	
Total Hours		12

¹ 700-level graduate courses require permission of the instructor for undergraduate students to enroll.

² With approval based on the topic.

The School of Data Science and Society offers robust student support through a cohort-based community that includes academic advising and faculty mentoring. The school also provides career services that include resume preparation, interview practice, and internship support.

Students pursuing the B.S. in data science have the option to pursue a 4-course concentration in a variety of disciplines. Current concentrations include:

Economic Analysis

- The Data Science Concentration in Economic Analysis is intended to prepare students for careers in quantitatively focused occupations at the intersection of economics and data science. The courses for

the concentration were selected to offer a rigorous foundation for econometric and data science methodologies commonly used in economic analysis, as well as to develop an understanding of the application of these methods in at least one field within economics (e.g., industrial organization, health, labor, etc.).

Data Science in Politics

- The concentration in Data Science in Politics is intended to provide students with opportunities to apply data science tools to the study of politics, across the various subfields of the discipline. The concentration assumes students have a foundation in basic probability and statistical programming in R prior to starting the concentration, allowing content to focus on applied regression models and experimental methods in political science. Students have the option to pursue a mentored quantitative research project led by a political science faculty member or complete an internship in a political data analytics position with departmental approval.

Urban Data Analytics

- The Urban Data Analytics concentration equips students with the skills necessary to apply data science tools for the public good, specifically to improve the quality of life of people in human settlements. Students will explore the design of the American city, understand the systems to collect and maintain urban data, analyze urban data, and apply urban data analysis to planning practice.

Sports Analytics

- The Sports Analytics concentration equips students to synthesize collected data into meaningful and actionable information that can impact decisions made in the sports industry. Students will learn how to use data and statistics to make predictions about player/team performance. This concentration combines foundational and methodological tools in statistics and analytics with domain expertise in exercise and sports science.

Quantitative Language Science

- This concentration will allow students to explore how data science methods including statistical, mathematical, and computational methods are applied to study theoretical language science/linguistics and natural language processing. This concentration will familiarize students with linguistics concepts in the context of data science methodology and prepare them for jobs or further study in computational linguistics and artificial intelligence.

Operations Research

- This concentration is for students who are particularly interested in operations research, using mathematical modeling and computational techniques to analyze complex systems and make decisions. It is an ideal path for students who are interested in careers in operations research as well as those who are interested in graduate studies in disciplines such as operations research, industrial and systems engineering, operations management, and decision sciences.

Mathematical Foundations

- The Mathematical Foundations concentration is aimed at giving students a deeper mathematical and statistical understanding of general data science techniques and special data features in applications. The selected courses for the concentration

highlight quantitative areas relevant to cutting-edge statistical and mathematical methods in the field. In particular, the concentration will allow students to explore the theory behind techniques essential to data science and mathematical modeling.

Decision Analytics

- The Decision Analytics concentration is for students who are interested in focusing their studies on making data-driven decisions in complex systems. While statistical techniques are very helpful for making decisions in data-rich settings, stylized formulations can be more helpful for generating insights and making decisions in the absence of sufficient data. This concentration brings together both statistics and operations research-based courses together to offer students a path for getting a more holistic training in analytical decision making.

Statistical Learning and Data Analytics

- The concentration in Statistical Learning and Data Analysis combines advanced mathematical and statistical training with enhanced computational and data analytic training for students planning careers in information-intensive industries or research. Students will extend their ability to model and analyze data, using mathematical and computational methods to make predictions and decisions in the face of uncertainty. The concentration is focused on fundamental training in mathematics and applied statistics, including specialized courses with an emphasis on statistical computing, and machine learning.

Advanced Artificial Intelligence and Machine Learning

- The concentration intentionally builds upon core requirements for the B.S. in data science, allowing students to delve deeper into the rapidly advancing technologies and methodologies of artificial intelligence (AI) and machine learning (ML). The concentration has three foci designed to meet workforce demands: foundations in AI, advanced exploration of the ethics of AI, and advanced applications of AI and ML.

Health Informatics

- The Health Informatics concentration focuses on the conceptual framework of healthcare information systems, exploring data types and structures as well as the systems within which health informatics solutions are typically situated. Students will gain fundamental knowledge in data science techniques, legal and regulatory compliance, and healthcare statistics and findings that inform policy, clinical operations, risk management, and financial management.

Department Programs

Major

- Data Science, B.S. (p. 48)

Minor

- Risk Management Minor (<https://catalog.unc.edu/undergraduate/programs-study/risk-management-minor/>)

Courses

- Data Science (DATA) (<https://catalog.unc.edu/courses/data/>)

Contact Information

School of Data Science and Society

Visit Program Website (<https://datascience.unc.edu/>)

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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. 56)

Major

- Dental Hygiene Major, B.S. (p. 63)

Graduate Programs

- M.S. in Dental Hygiene Education (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Endodontics (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Operative Dentistry (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. and Ph.D. in Oral and Craniofacial Biomedicine (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Oral and Maxillofacial Pathology (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Oral and Maxillofacial Radiology (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Orthodontics (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Pediatric Dentistry (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Periodontology (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Prosthodontics (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)

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

- (Total of three) Two *initial* 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 ten 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.
- Hepatitis B series, minimum of either 2 or 3 dose series. **See school requirements below.**

UNC Adams School of Dentistry Requirements

- Varicella vaccination series (two doses) or a positive titer.
- Hepatitis B antibody (HBsAb) quantitative titer. (Please make sure your physician does not order a qualitative titer.) **It is common to lose Hepatitis B immunity and recorded that this titer be completed early.*
- COVID-19 booster or declare intent to request exemption.

- Tuberculosis blood test (IGRA-strongly preferred) or 2-step TB skin test (*test is performed TWICE*) or a TB blood test (IGRA). DDS and DH students report to Campus Health. Advanced Dental Education students report to Employee Health and follow the testing procedures required.
- Influenza vaccine after 7/1 of current year and before 10/31 of current year. (See "*Additional Requirements*.")

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 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 July 1 but no later than October 31. Exemptions are processed through Campus Health and must be forwarded to UNC Adams School of Dentistry.
- 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:

- Basic Life Support certification that includes an in-person skill assessment. Documentation of current certification is required of the matriculating student and is to be submitted through Connect Carolina. *Review the ASOD: Basic Life Support (BLS) Certification Policy* (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131267>) *for guidelines and requirements.*

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 Manual, which is outlined in ASOD: Infection Control Manual—Chapter 07: Personal Protective Equipment (PPE).

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/registration-guidelines/>), (under the late fee refund petition tab), 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 governing the respective programs 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.

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

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 pre dental 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
Biology		
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 ^{H, F}	
BIOL 252	 Fundamentals of Human Anatomy and Physiology ^{1, H}	
BIOL 474 & 474L	Evolution of Vertebrate Life and Vertebrate Structure and Evolution Laboratory ^{1, H}	

Chemistry	
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 ^{H, F}
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}
CHEM 261	Introduction to Organic Chemistry I ^H
CHEM 262	Introduction to Organic Chemistry II ^H
CHEM 430	Introduction to Biological Chemistry ^H

Physics

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 ^{2, F}
PHYS 115	 General Physics II: For Students of the Life Sciences ^{2, F}

English

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.

¹ Take either BIOL 252 or both BIOL 474 and BIOL 474L.

² 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 (<https://www.ada.org/education/testing/exams/dental-admission-test-dat/>) 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 predental) 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 predental 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. 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) 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 to inquire about scheduling a meeting.

Contact Information

Email: 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 2025–2026 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 academic policies when they enter the school or in any subsequent catalog or policy 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. Learners gain an appreciation of various components of the patient care process with an emphasis on assessment (history, examination, diagnostic tests) and plan of care (diagnosis, treatment planning, and informed consent). Learners develop knowledge and 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
Fall Semester		
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	3
DENT 521	Provision of Care: Preventive & Disease Management I	3
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: Introduction to Clinic	1
Spring Semester		
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

Summer Semester

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

Total Hours

48

Second Year Courses

During the second year, 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 systems emphasize delivery models, interprofessional education for collaborative care, 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
Fall Semester		
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 630	Provision of Care: Restorative Sciences IV	4
DENT 632	Provision of Care: Restorative Sciences VI	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
Spring Semester		
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	1
DENT 622	Provision of Care: Preventative and Disease Management III	1.5
DENT 631	Provision of Care: Restorative Sciences V	4
DENT 633	Provision of Care: Restorative Sciences VII	1.5
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
Summer Session		
DENT 615	Life Course: Orthodontics in the Growing Patient	0.5
DENT 617	Life Course: Pediatric Dentistry	2

DENT 663	Assessment, Plan, and Provision of Care: Oral Radiology II	1
DENT 683	Clinical Experiences V	1.5
DENT 692	Assessment, Plan, and Provision of Care: Implantology	2
Total Hours		53.5

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's prepare for the integrated national board dental examination (INBDE) typically taken in the summer between the third and fourth year. The third year culminates with a four-week long extramural rotation at clinical settings located throughout the state, enabling immersive, hands-on clinical learning experiences in a variety of settings.

Code	Title	Hours
Fall Semester		
DENT 700	Integrated Biomedical Sciences and Oral Stomatology I	1
DENT 711	Guided Advanced Clinical Practice: Clinic I	12
DENT 720	Continuous Professional Development and Contemporary Conversations I	3
DENT 730	Provision of Care: Restorative Sciences VIII	1
DENT 731	Gateway I	1
DENT 743	Professional Ethics and Practice Management VI	2
DENT 761	Inquiry Case-Based Learning and Critical Thinking I	1
DENT 771	Treatment Planning I	4
Spring Semester		
DENT 710	Integrated Biomedical Sciences and Oral Stomatology II	1
DENT 712	Guided Advanced Clinical Practice: Clinic II	12
DENT 717	Assessment, Plan, and Provision of Care: Oralfacial Pain	1
DENT 720	Continuous Professional Development and Contemporary Conversations I	3
DENT 732	Gateway II	1
DENT 740	Partnering with Community to Improve Oral Health	1
DENT 743	Professional Ethics and Practice Management VI	2
DENT 761	Inquiry Case-Based Learning and Critical Thinking I	1
DENT 771	Treatment Planning I	4
Summer Semester		
DENT 713	Guided Advanced Clinical Practice: Clinic III	3
DENT 714	Guided Advanced Clinical Practice: Dentistry in Service to Community Experience	4
DENT 741	Seminar I: Clinical Topics	2
Total Hours		60

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. A capstone specialty seminar focuses on preparing learners for transitioning to practice or residency. Learners continue to personalize their education through engagement in various Individualization activities (electives, service activities, research engagement, certificate programs, dual-degree programs and more).

Code	Title	Hours
Fall Semester		
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 VII	2
DENT 861	Inquiry Case-Based Learning & Critical Thinking II	1
DENT 871	Treatment Planning II	3
DENT 881	Seminar II: Specialty Topics	1
Spring Semester		
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 VII	2
DENT 861	Inquiry Case-Based Learning & Critical Thinking II	1
DENT 871	Treatment Planning II	3
Total Hours		42

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).

Graduation with Honors

Students in the Adams School of Dentistry D.D.S. program may qualify for graduation with honors along three tracks associated with the School's ACT curriculum — Advocate, Clinician, or Thinker. For each track, students must meet specific criteria developed and approved by the faculty. Applications for honors must be accompanied by the student's curriculum vitae, documentation of their accomplishments, and endorsement by a faculty member. Honors are limited to 15 percent or fewer of the graduates and are noted as a remark in the transcript.

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

- (Total of three) Two *initial* 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 ten 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.
- Hepatitis B series, minimum of either 2 or 3 dose series. ***See school requirements below.***

UNC Adams School of Dentistry Requirements

- Varicella vaccination series (two doses) or a positive titer.
- Hepatitis B antibody (HBsAb) quantitative titer. (Please make sure your physician does not order a qualitative titer.) **It is common to lose Hepatitis B immunity and recorded that this titer be completed early.*
- COVID-19 booster or declare intent to request exemption.
- Tuberculosis blood test (IGRA-strongly preferred) or 2-step TB skin test (*test is performed TWICE*) or a TB blood test (IGRA). DDS and DH students report to Campus Health. Advanced Dental Education students report to Employee Health and follow the testing procedures required.
- Influenza vaccine after 7/1 of current year and before 10/31 of current year. (See "Additional Requirements.")

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 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 July 1 but no later than October 31. Exemptions are processed through Campus Health and must be forwarded to UNC Adams School of Dentistry.
- 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:

- Basic Life Support certification that includes an in-person skill assessment. Documentation of current certification is required of the matriculating student and is to be submitted through Connect Carolina. *Review the ASOD: Basic Life Support (BLS) Certification Policy* (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131267>) for guidelines and requirements.)

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 Manual, which is outlined in ASOD: Infection Control Manual—Chapter 07: Personal Protective Equipment (PPE).

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/registration-guidelines/>), (under the late fee refund petition tab), 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. 56)

Major

- Dental Hygiene Major, B.S. (p. 63)

Graduate Programs

- M.S. in Dental Hygiene Education (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Endodontics (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Operative Dentistry (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. and Ph.D. in Oral and Craniofacial Biomedicine (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Oral and Maxillofacial Pathology (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Oral and Maxillofacial Radiology (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Orthodontics (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Pediatric Dentistry (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Periodontology (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Prosthodontics (<https://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

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 2025–2026 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 (academic) and one letter should be a character reference (professional). 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/dental-hygiene/>) 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
ENGL 105	 English Composition and Rhetoric	3
or ENGL 105I	 English Composition and Rhetoric (Interdisciplinary)	
BIOC 107	Introduction to Biochemistry ¹	4
or CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I	
BIOC 108	Introduction to Biochemistry	4
or CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II	
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 ^H	
EXSS 256	Human Anatomy and Physiology II ²	
Select one of the following COMM courses:		3
COMM 100	Communication and Social Process	
COMM 113	 Public Speaking ³	
COMM/MNGT 120	 Introduction to Interpersonal and Organizational Communication ^{H, F}	
MCRO 251	Introductory Medical Microbiology	4
PSYC 101	 General Psychology ^F	3
Select one of the following SOCI courses:		3
SOCI 100	 Sociological Perspective Through Documentary Film ^F	
SOCI 101	 Sociological Perspectives ^H	
SOCI 111	Human Societies ^H	

- 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.

¹ CHEM 101/CHEM 101L satisfies FC-NATSCI requirement.

² EXSS 155 is a prerequisite to EXSS 256.

³ 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	4
DHYG 257	Introduction to Dental Hygiene	2
DHYG 257L	Preclinical Dental Hygiene	3
Hours		16

Spring Semester

DHYG 241	Nutrition	2
DHYG 261	Dental Pharmacology	2
DHYG 263	Periodontology	2
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
Hours		23

Summer Session: ¹


DHYG 357	Dental Hygiene Theory II ¹	2
DHYG 357L	Dental Hygiene Clinic II ¹	2
DHYG 495	 Research Methodology ¹	2
Hours		23

Second Year

Fall Semester

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	
Hours		15-17

Spring Semester

DHYG 362	 Community Dental Health Internship	2
DHYG 377	Dental Hygiene Theory IV	3

DHYG 377L Dental Hygiene Clinic IV 4

DHYG 379 Dental Ethics and Jurisprudence 1

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

Hours **11-13**

Total Hours **65-69**

¹ 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. 711) 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. 65) 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 performing oral examinations and dental hygiene services.

Dental school charges are required, including 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, Yuri Oh, Lattice Sams.

Clinical Assistant Professors

Leena Balicat, Roxanne Dsouza-Norwood, Sarah Liebkemann, Tiffanie White, Natasha Wiltshire.

Clinic Adjuncts

Jessica Anderson, Raluca Colta, Min Gim, Ashley Hale.

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 will 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

- (Total of three) Two *initial* 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 ten 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.
- Hepatitis B series, minimum of either 2 or 3 dose series. ***See school requirements below.***

UNC Adams School of Dentistry Requirements

- Varicella vaccination series (two doses) or a positive titer.
- Hepatitis B antibody (HBsAb) quantitative titer. (Please make sure your physician does not order a qualitative titer.) **It is common to lose Hepatitis B immunity and recorded that this titer be completed early.*
- COVID-19 booster or declare intent to request exemption.
- Tuberculosis blood test (IGRA-strongly preferred) or 2-step TB skin test (*test is performed TWICE*) or a TB blood test (IGRA). DDS and DH students report to Campus Health. Advanced Dental Education students report to Employee Health and follow the testing procedures required.
- Influenza vaccine after 7/1 of current year and before 10/31 of current year. (See "*Additional Requirements.*")

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 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 July 1 but no later than October 31. Exemptions are processed through Campus Health and must be forwarded to UNC Adams School of Dentistry.
- 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:

- Basic Life Support certification that includes an in-person skill assessment. Documentation of current certification is required of the matriculating student and is to be submitted through Connect Carolina. *Review the ASOD: Basic Life Support (BLS) Certification Policy* (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131267>) for guidelines and requirements.)

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 Manual, which is outlined in ASOD: Infection Control Manual—Chapter 07: Personal Protective Equipment (PPE).

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/registration-guidelines/>), (under the late fee refund petition tab), 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. The manual provides guidelines for governing the Adams School of Dentistry's 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. 56)

Major

- Dental Hygiene Major, B.S. (p. 63)

Graduate Programs

- M.S. in Dental Hygiene Education (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Endodontics (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Operative Dentistry (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. and Ph.D. in Oral and Craniofacial Biomedicine (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Oral and Maxillofacial Pathology (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Oral and Maxillofacial Radiology (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Orthodontics (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Pediatric Dentistry (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Periodontology (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)
- M.S. in Prosthodontics (<https://catalog.unc.edu/graduate/schools-departments/dentistry/#programtext>)

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

Marcus Walker

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Undergraduate Director of Dental Hygiene

Lattice Sams

Lattice_Sams@unc.edu

Dean

Dr. Janet Guthmiller
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 2025–2026 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 undergraduate advising and student engagement, Sarah Rowe, and the advising team are available to meet 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 soeadvising@unc.edu. Based on their academic program, they 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

Human Development and Family Science (HDFS) is a pre-professional major for undergraduate students who feel driven to improve the lives of individuals, families, and communities. Admission to the human development and family studies major (p. 70) is required and offered every semester. Admission is based on, but not limited to, a recommended 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

The Human and Organizational Leadership Development (HOLD) program prepares graduates to understand, lead, and work effectively with diverse stakeholders across and within organizations. 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/>).

Baccalaureate Education in Science and Teaching (BEST) Minor

The BEST minor is an innovative, fast-track program offering 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). Students will apply by completing an online application for the minor through ConnectCarolina.

UNC–BEST Admissions Requirements

- Declared 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

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).

Pre-M.A.T affiliation is for UNC- Chapel Hill undergraduate students only. If you are ready to request affiliation, you can complete the request here (https://unc.az1.qualtrics.com/jfe/form/SV_0qd2N1nstfN88NT/).

Major

- Human Development and Family Science Major, B.A.Ed. (p. 70)
- Human and Organizational Leadership Development Major, B.A. (p. 74)

Minor

- Baccalaureate Education in Science and Teaching (BEST) Minor (p. 69)
- Education Minor (p. 76)

Courses

- Education (EDUC) (<https://catalog.unc.edu/courses/educ/>)

Establishing Licensure

At UNC, two undergraduate pathways for coursework prepare students for N.C. teacher licensure: Baccalaureate Education in Science and Teaching (BEST) Minor 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 (soeadvising@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 a license. Forms are not 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 teacher education programs described in this catalog are approved by the N.C. Department of Public Instruction, the N.C. State Board of Education, and the Council for the Accreditation of Educator Preparation.





Baccalaureate Education in Science and Teaching (BEST) Minor

Baccalaureate Education in Science and Teaching (BEST) minor is designed for students majoring in mathematics or science. Students complete a set of core courses in the School of Education to teach secondary science or mathematics. Course work is designed to prepare help students apply theories of mathematics and science learning to teaching in the high school classroom, grades 9–12. Students who

complete the minor will be prepared to apply for a North Carolina teaching license.

To be recommended for N.C. licensure, BEST minor students should consult with their program director, Dr. Nicole Damico, regarding entry requirements, and 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).

Program Requirements

Code	Title	Hours
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 689	Foundations of Special Education	3
EDUC 747	Methods and Materials for Teaching Secondary/K-12 Subjects II ²	3
EDUC 746	Practica Student Internship ²	9
EDUC 760	Methods and Materials for Teaching Secondary/K-12 Subjects I ¹	3
or MATH 410	 Teaching and Learning Mathematics	
Total Hours		24

¹ Fall only course
² Spring only course

K–12 Music Education

The K–12 Music Education program is a collaboration between the School of Education and the Department of Music. Please note that the program is currently on pause and will not be accepting new applications for the 2025–2026 academic year. Students who have already been admitted to the program can refer to the Catalog Archives (p. 762) for information on program requirements and curriculum details.

Professors

Brian Boyd, Lora Cohen-Vogel, Thurston (Thad) Domina, Nianbo Dong, Dorothy L. Espelage, Jeff Greene, Jill Hamm, Annemarie Hindman, Sherick Hughes, Roger Mills-Koonce, Troy D. Sadler, Keith Sawyer, Joseph Williams

Clinical Professor

Helyne Frederick.

Associate Professors

Janice Anderson, Matthew Bernacki, Cheryl Mason Bolick, Dionne Cross Francis, Christian Ehret, Jocelyn Glazier, Dana Griffin, Peter Halpin, Eric Houck, Kara Hume, Ethan Hutt, Daniel Klasik, Steve Knotek, Marissa Marraccini, Stephanie Shelton, James Trier.

Assistant Professors

Casey Calhoun, Courtney Hattan, Todd Jensen, Kathryn Leech, Constance A. Lindsay, Thi Cam Ha Nguyen, Lauren Sartain.

Research Professors

Donald Bailey, Sharon Derry, Samuel Odom Jr., Ellen Peisner-Feinberg, Alistair Van Moere.

Research Associate Professor

Desiree Murray.

Research Assistant Professor

Jacqueline McLaughlin.

Clinical Associate Professors

Todd Cherner, Nicole Damico, Jennifer Diliberto-Fender, Sandra Evarrs, Martinette Horner, Diana Lys, Kristin Papoi, Dana Riger, Yuliana Rodriguez.

Clinical Assistant Professors

Jemilia Davis, Emily Halpin, Lewis Hatcher, Christopher Scott, Carol Warren.

Clinical Instructor

Candice Powell.

Adjunct Professors

Todd Boyette, WJ Fitzgerald, Stephen Hooper, Rune Simeonsson, Malbert Smith.

Adjunct Associate Professors

Elizabeth Chen, Simona Goldin, Charlene Harris, Amy Johnson, Laura Klingler, Rebekah Layton, Cathi Propper, Catherine Scott, Meghan Walter.

Adjunct Assistant Professors

Elizabeth Allen Green, Abby Ampuja, Jessica Amsbary, Juliann Anderson, Gina Arnone, Elena Ashburn, Alyson Baumgartner, Warnele Carmon, Timothy Conder, Theresa Coogan, Adina Davidson, Peter Duquette, Xumei Fan, Christine Fierro, Moya Foster, Brian Gibbs, Meg Goodhand, Ashley Gray, Gordon Grant, Crystal Harden, Shauna Harris, Vetricia Harris, Robin Horton, Anthony James, Angela Johnson, Karolyn Johnson, Ariana Kanwit, Audra Kosh, Brian Lackman, Chih-Ing Lim, Robert Lucas, Amber Majors, Kate Murray, Kyle Nickodem, Sara Nowell, Nathalie Powell, Melissa Rasberry, Darlene Ryan, Ann Sam, Beverly Schieman, Alisha Schiltz, Melissa Senior, Kenyann Stanford, Alexander Tabori, Megan Tajjili, Miranda Thomas, Brianne Tomaszewski, Megan Vinh, Chaka Ward Hatcher, Jessica Wery, Paul Wolff, Jonathan Wright, Nicole Young, Ling Zhang.

Adjunct Instructors

Scott Benson, Brenda Berg, Kayela Buffaloe, Luke Carman, Christina Carral, Caitlin Donovan, Lucas Fayard, Carmen Gonzalez, Patricia Harris, Jennifer Herrera, Candace Jones, Robert Kunstman, Jessica Mara, Karimah Midgette, Alexis Moore, Mayra Morales, Ryan Nilsen, Ion Outerbridge, Berengere Phillips, Brit'ny Pinkney, Kelly Reilly, Ian Reynolds, Elizabeth Shaver, Kelly Spainhour, Marcela Torres-Cervantes.

Contact Information

School of Education

Visit Program Website (<http://soe.unc.edu>)
Peabody Hall, CB# 3500

Dean

Jill Hamm

Associate Dean for Academic Affairs and Director of Graduate Studies

Thurston Domina
tdomina@email.unc.edu

Interim Assistant Dean for Student Affairs

Sarah Rowe
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Registrar

Lisa Johnson
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Director of Undergraduate Advising and Student Engagement

Sarah Rowe
sarahrowe@unc.edu

Baccalaureate Education in Science and Teaching (BEST) Minor

Baccalaureate Education in Science and Teaching (BEST) is designed for students majoring in mathematics or science. Students complete a set of core courses in the School of Education to teach secondary science or mathematics. Course work is designed to prepare help students apply theories of mathematics and science learning to teaching in the high school classroom, grades 9-12. Students who complete the minor will be prepared to apply for a North Carolina teaching license.

A student interested in this minor must apply through ConnectCarolina. We encourage any interested applicant to reach out to the School of Education advising team to discuss a course plan to successfully complete the minor.


To be eligible to graduate with the minor and earn licensure, you must maintain a minimum of a 2.7 cumulative GPA.

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. 711).

Code	Title	Hours
Core Requirements		
EDUC 532	 Human Development and Learning ¹	3
EDUC 615	Schools and Community Collaboration ¹	3
EDUC 689	Foundations of Special Education ¹	3
EDUC 760	Methods and Materials for Teaching Secondary/ K-12 Subjects I (fall only) ²	3
EDUC 746	Practica Student Internship (spring only)	9

EDUC 747	Methods and Materials for Teaching Secondary/ K-12 Subjects II (spring only)	3
Total Hours		24

¹ Must be completed before taking EDUC 746 and EDUC 747.

² Must be completed before starting the internship.

Additional Requirements

Students are required to take the edTPA for completion of the minor.

Students are required to take the Praxis Exam(s) for completion of the minor.

Department Programs

Major

- Human Development and Family Science Major, B.A.Ed. (p. 70)
- Human and Organizational Leadership Development Major, B.A. (p. 74)

Minor

- Baccalaureate Education in Science and Teaching (BEST) Minor (p. 69)
- Education Minor (p. 76)

Courses

- Education (EDUC) (<https://catalog.unc.edu/courses/educ/>)

Contact Information

School of Education

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

Peabody Hall, CB# 3500

Program Director

Nicole Damico

Nicole.Damico@unc.edu

Dean

Jill Hamm

Associate Dean for Academic Affairs and Director of Graduate Studies

Thurston Domina

tdomina@email.unc.edu

Interim Assistant Dean for Student Affairs

Sarah Rowe

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Assistant Dean for Educator Preparation and Accreditation

Diana Lys

lys@unc.edu

Registrar

Lisa Johnson

lisajohnson@unc.edu

Director of Undergraduate Advising and Student Engagement

Sarah Rowe

sarahrowe@unc.edu

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 recommended 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.

For students pursuing a major in HDFS, without the pursuit of a second major or minor, supplemental education will be required. Please discuss any questions with the advising team to ensure proper course planning.

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 2025–2026 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. 711).

Human Development and Family Science, B.A.Ed.

Code	Title	Hours
Core Requirements		
EDUC 181	 Introduction to Human Development and Family Science ^F	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 ¹	3
EDUC 698	 Internship in Human Development and Family Science ²	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 ^F	
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: ^{3,4}		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)		
Total Hours		48

^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.






¹ 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.

² Students are expected to complete their internship in their senior year and when 90% of the HDFS course work is completed. 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.

³ At least 6 of the 12 hours taken to satisfy a concentration must be completed at the University of North Carolina at Chapel Hill.

⁴ 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 ^H	
COMM 318	 Cultural Diversity	
COMM 422	 Family Communication ^H	
PSYC 467	The Development of Black Children	
PSYC 471	The Study of Adolescent Issues and Development	
PSYC 517	Addiction ^H	
SOCI 130	 Family and Society ¹	
SOCI 425	Family and Society, Junior/Senior Section ¹	
SOCI 431	Aging	
SOCI 468	United States Poverty and Public Policy	
SOWO 530	Social Welfare Systems and Policies	
Total Hours		12

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ 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 418	 Ethics of Care for the Hospitalized Child and Family	
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 ^H	
EXSS 211	Adapted Physical Education	
LING 101	 Introduction to Language ^H	
LING 200	 Phonology	
NURS 685I	Care of the Dying and Bereaved throughout the Life Span ¹	
NUTR 240	Introduction to Human Nutrition	
PLCY/HPM 662	Global Health and Human Rights	
PSYC 210	 Statistical Principles of Psychological Research ^H	
PSYC 220	Biopsychology ^H	
PSYC 245	Psychopathology ^H	
PSYC 517	Addiction ^H	
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 ¹	
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	
Total Hours		12










^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.











¹ 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/WGST 277	Gender and Culture	
ANTH 318	 Human Growth and Development	

BIOL 252 & 252L	 Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory ^H
COMM 224	Introduction to Gender and Communication ^H
COMM 318	 Cultural Diversity
COMM 422	 Family Communication ^H
COMM 576	 Race and Rhetoric
ENGL 284	 Reading Children's Literature ^H
EDUC 325	 Introduction to Counseling and Coaching
EDUC 349	 Adulting
EDUC 375	 Identity and Sexuality
EDUC 400	 Autism in Our Communities: An Interdisciplinary Perspective
EDUC 410	Families and Communities in Diverse Contexts for Youth
EDUC 4611	 Exploring Social Determinants of Health Across Populations
EDUC 470	Therapeutic Value of Play
EDUC 475	Child and Family Health
EDUC 480	Resource Management for Individuals and Families
EDUC 509	Helping Youth Thrive in K-12 Schools
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 527	Screen Education: Representations of Education in Popular Culture
EDUC 528	 Exceptionality Across the Life Span
EDUC 529	 Education in American Society
EDUC 532	 Human Development and Learning
EDUC 567	 Children's Literature in Elementary and Middle Schools
EDUC 572	 Psychology of Creativity
EDUC 605	Family Systems and Policy
EDUC 611	 Black Families in Social and Contemporary Contexts
EDUC 630	Advanced Research Design and Methods in Human Development and Family Studies
EDUC 689	Foundations of Special Education
ENGL 291	 Picture Books ^H
EXSS 211	Adapted Physical Education
HPM/PLCY 662	Global Health and Human Rights
INLS 534	Youth and Technology in Libraries
LING 101	 Introduction to Language ^H
LING 200	 Phonology
LING 203	 Language Acquisition and Development

LTAM 291	 The Latino Experience in the United States
NSCI 222	Learning ^H
NUTR 240	Introduction to Human Nutrition
PLCY 530	 Educational Problems and Policy Solutions ^H
PSYC 210	 Statistical Principles of Psychological Research ^H
PSYC 220	Biopsychology ^H
PSYC 245	Psychopathology ^H
PSYC 250	Child Development ^H
PSYC 260	Social Psychology ^H
PSYC 467	The Development of Black Children
PSYC 468	Family as a Context for Development
PSYC 471	The Study of Adolescent Issues and Development
PSYC 517	Addiction ^H
EDUC 628	Teaching English Language Learners
SOCI 122	 Race and Ethnicity
SOCI 124	 Sex and Gender in Society
SOCI 130	 Family and Society
SOCI 172	 Introduction to Population Health in the United States
SOCI 422	 Sociology of Mental Health and Illness
SOCI 423	 Sociology of Education, Experiential Education
SOCI 425	Family and Society, Junior/Senior Section
SOCI 426	Sociology of Education
SOCI 431	Aging
SOCI 444	Race, Class, and Gender
SOCI 468	United States Poverty and Public Policy
SOCI 469	Health and Society
SOWO 530	Social Welfare Systems and Policies
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
WGST 101	 Introducing Intersectionality: Gender, Race, Class, and Sexuality ^H

Total Hours**12**

^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 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. 70)
- Human and Organizational Leadership Development Major, B.A. (p. 74)

Minor

- Baccalaureate Education in Science and Teaching (BEST) Minor (p. 69)
- Education Minor (p. 76)

Courses

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Contact Information

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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 recommended 2.5 grade point average, good academic standing, expressed interest in organizational leadership, 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 prior to 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.

When course planning, we encourage you to reach out to our advising team (soeadvising@unc.edu). We will be able to discuss classes that are offered fall and spring only, including the following: EDUC 257 (fall only), EDUC 357 (fall only) and EDUC 472 (spring only).

In the event that a student fails the capstone 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.

For students pursuing a major in HOLD, without the pursuit of a second major or minor, supplemental education will be required. Please discuss any questions with the advising team to ensure proper course planning.

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 2025–2026 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. 711).

Code	Title	Hours
Core Requirements ¹		
EDUC 257	Inquiry and Data Applications	3
EDUC 309	 Foundations of Leadership ^F	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 and Organizational Leadership Development	3
EDUC 695	 Human and Organizational Leadership Development Capstone	9
At least five elective courses from the list below.		15
Total Hours		45

^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.

¹ Students may count courses completed prior to declaring a HOLD major toward major completion.

Approved Elective Courses

Code	Title	Hours
AMST 248	 Intersectionality: Race, Gender, Sexuality, and Social Justice	3
EDUC 375	 Identity and Sexuality	3
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

EDUC 694H	 Honors Thesis in Education	3
BUSI 405	 Leading and Managing: An Introduction to Organizational Behavior	3
BUSI 507H	Sustainable Business and Social Enterprise	3
BUSI 524	Applied Improvisation for Business Communication	3
COMM 120	 Introduction to Interpersonal and Organizational Communication ^{H, F}	3
COMM 325	 Introduction to Organizational Communication ^H	3
COMM 525	Organizational Communication	3
ECON 125H	 Introduction to Entrepreneurship	3
ECON 327	 Venture-Creation Workshop ^H	3
HBEH 611	 Philanthropy as a Tool for Social Change	3
MEJO 332	 Public Relations Writing	3
MEJO 424	Media Management and Policy	3
MNGT/SOCI 131	 Social Relations in the Workplace	3
NSCI 222	Learning ^H	3
POLI 209	 Analyzing Public Opinion ^H	3
PLCY 85H	 First-Year Seminar: Reforming America's Schools	3
PLCY 210	Policy Innovation and Analysis ^H	3
PLCY 220	 The Politics of Public Policy ^H	3
PLCY 340	 Justice in Public Policy ^H	3
PLCY 450	 Internal and Interpersonal Conflict Management	3
PSYC 101	 General Psychology ^F	3
PSYC 250	Child Development ^H	3
PSYC 260	Social Psychology ^H	3
SOCI 101	 Sociological Perspectives ^{H, F}	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








^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
First-Year Foundations Courses			
IDST 101	 College Thriving		1
ENGL 105	 English Composition and Rhetoric		3
First-Year Seminar or First-Year Launch (p. 640)			3
IDST 111L	 Data Literacy Lab		1
Global Language through level 3 (p. 649)			varies
Additional General Education and elective courses			22
Hours			30
Sophomore Year			
Additional General Education and elective courses			30
Hours			30
Junior Year			
Fall Semester			
EDUC 257	Inquiry and Data Applications		3
EDUC 357	Organizational and Community Development		3
EDUC 309	 Foundations of Leadership ^F		3
Additional electives			6
Hours			15
Spring Semester			
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
Hours			15
Senior Year			
Fall Semester			
EDUC 585	Activating Human and Organizational Leadership Development		3
Additional electives			12
Hours			15
Spring Semester			
EDUC 695	 Human and Organizational Leadership Development Capstone		9
Additional electives			6
Hours			15
Total Hours			120

^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.

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Registrar

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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 overlap between the education minor and the HDFS and HOLD majors.

As a part of the minor, students will complete a capstone course (EDUC 697). Students are eligible to take the capstone when at least three of the other four requirements have been completed.

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. 711).

The minor consists of five courses.

Code	Title	Hours
Three courses in the School of Education:		9
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	 LatinxEducation Internship	
One course in the College of Arts and Sciences:		3
COMM 318	 Cultural Diversity	
ENGL 284	 Reading Children's Literature ^H	
ENGL 291	 Picture Books ^H	
HIST 367	North Carolina History since 1865	
PLCY 530	 Educational Problems and Policy Solutions ^H	
PSYC 250	Child Development ^H	
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	
Education Capstone Course		
EDUC 697	Education Minor Capstone Course ¹	3
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.

¹ 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. 70)
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Minor

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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 one of two universities 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 2025–2026 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 (<https://sils.unc.edu/bsis/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 Assistant Director of Undergraduate Advising and Programs, School of Information and Library Science, CB# 3360, 107 Manning Hall; by sending email to silsinfo@ils.unc.edu; or by calling (919) 962-0208.

Major

- Information Science Major, B.S. (p. 79)

Minor

- Information Systems Minor (p. 82)

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/bsis/undergraduate-dual-degree-options/>)
- 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 (<https://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- M.S.L.S. in Library Science (<https://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- P.S.M. in Digital Curation and Management (<https://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- P.S.M. in Biomedical and Health Informatics (<https://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- Ph.D. in Information and Library Science (<https://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- Ph.D. in Health Informatics (<https://chip.unc.edu/academic-programs-phd/>)

Courses

- Information and Library Science (INLS) (<https://catalog.unc.edu/courses/inls/>)
- Carolina Health Information Program (CHIP) (<https://catalog.unc.edu/courses/chip/>)

Professors

Jaime Arguello, Jeffrey Bardzell, Robert Capra, Tressie McMillian Cottom, Melanie Feinberg, David Gotz, Sandra Hughes-Hassell, Mohammad Hossein Jarrahi, Diane Kelly (Wilson Distinguished Professor), Christopher (Cal) Lee, Gary Marchionini (Cary C. Boshamer Distinguished Professor), Arcot Rajasekar, Brian W. Sturm.

Associate Professors

Bradley M. Hemminger, Marijel (Maggie) Melo, Ryan Shaw, Francesca Tripodi, Tzu-Yu (Danny) Wu.

Assistant Professors

Alexandra Chassanoff, William (Willie) Payne, Fei Yu, Yue (Ray) Wang, Joseph Winberry.

Professor of the Practice

Ericka Patillo (Associate Dean for Academic Affairs).

Teaching Associate Professor

Ronald Bergquist.

Teaching Assistant Professors

Michael Fox, Elliott Kuecker, Casey H. Rawson, Megan A. Winget.

Contact Information

School of Information and Library Science

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

silsinfo@unc.edu

919-962-8366

Dean

Jeffery Bardzell

Associate Dean for Academic Affairs

Ericka Patillo

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. 78) 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. 711).











Code	Title	Hours
Core Requirements		
INLS 560 or COMP 110 or COMP 116	Programming for Information Science  Introduction to Programming and Data Science Introduction to Scientific Programming	3
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 ¹		15
Total Hours		30

¹ 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 ^{H, F}	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 ^H	3
COMP 301	Foundations of Programming	3
COMP 311	Computer Organization	3
COMP 380	 Technology, Ethics, & Culture ^H	3
COMP 426	Modern Web Programming	3
COMP 431	Internet Services and Protocols	3
ECON 400	 Introduction to Data Science and Econometrics ^H	4
ECON 470	 Econometrics ^H	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 ^H	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 ^H	3
PHYS 633	Scientific Programming	3
PLCY 460	 Quantitative Analysis for Public Policy ^H	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 ^H	3
PSYC 230	Cognitive Psychology ^H	3
PSYC 330	Introduction to Cognitive Science	3
SOCI 318	Computational Sociology	3
STOR 120	 Foundations of Statistics and Data Science ^F	4
STOR 151	 Introduction to Data Analysis	3
STOR 155	 Introduction to Data Models and Inference ^F	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

^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.

B.S.I.S. students may take additional INLS electives but are encouraged to acquire a broad education in the liberal arts and sciences.

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 seventh semester of undergraduate study for admission for the following fall. The curriculum for the dual degree can be found on the SILS website (<http://sils.unc.edu/programs/bs-ms/curriculum/>).

Up to 12 credits hours for information science coursework taken while an undergraduate can be double counted between the B.S.I.S. the M.S.L.S. or the M.S.I.S. 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 assistant director of undergraduate advising and programs 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. 79)

Minor

- Information Systems Minor (p. 82)

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/bsis/undergraduate-dual-degree-options/>)
- 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 (<https://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- M.S.L.S. in Library Science (<https://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- P.S.M. in Digital Curation and Management (<https://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- P.S.M. in Biomedical and Health Informatics (<https://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- Ph.D. in Information and Library Science (<https://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- Ph.D. in Health Informatics (<https://chip.unc.edu/academic-programs-phd/>)

Courses

- Information and Library Science (INLS) (<https://catalog.unc.edu/courses/inls/>)
- Carolina Health Information Program (CHIP) (<https://catalog.unc.edu/courses/chip/>)

Contact Information

School of Information and Library Science

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

silsinfo@unc.edu

919-962-8366

Dean

Jeffery Bardzell

Associate Dean for Academic Affairs

Ericka Patillo

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. 711).

The undergraduate minor in information systems requires 15 credits of approved courses.

Code	Title	Hours
Core Requirements		
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:		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 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		
Total Hours		15

Information and library science (INLS) course descriptions (p.).

Department Programs

Major

- Information Science Major, B.S. (p. 79)

Minor

- Information Systems Minor (p. 82)

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/bsis/undergraduate-dual-degree-options/>)
- 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 (<https://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- M.S.L.S. in Library Science (<https://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- P.S.M. in Digital Curation and Management (<https://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- P.S.M. in Biomedical and Health Informatics (<https://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- Ph.D. in Information and Library Science (<https://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- Ph.D. in Health Informatics (<https://chip.unc.edu/academic-programs-phd/>)

Courses

- Information and Library Science (INLS) (<https://catalog.unc.edu/courses/inls/>)
- Carolina Health Information Program (CHIP) (<https://catalog.unc.edu/courses/chip/>)

Contact Information

School of Information and Library Science

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

silsinfo@unc.edu

919-962-8366

Dean

Jeffery Bardzell

Associate Dean for Academic Affairs

Ericka Patillo

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/studentservices/academicadvising/>) for details. Students are strongly encouraged to meet regularly with an advisor. Advising for second majors in the

College of Arts and Sciences is available through UNC Advising (<https://advising.unc.edu/>).

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 more information about the graduate programs, see the school's website (<http://hussman.unc.edu/grad/>).

Career Opportunities

The school operates a Career Services (<https://hussman.unc.edu/undergraduate-studies/undergraduate-hub/career-services/>) office (located in the Undergraduate Hub in Carroll Hall), which is designed to match the right graduating senior (or alumnus or alumna) with the right job. Students in the school are also encouraged to use University Career Services (<https://careers.unc.edu/>).

Contact Information

Information is available from the Undergraduate Hub in Carroll Hall, from the Dean's Office in 117 Carroll Hall, or from the 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 (<https://hussman.unc.edu/undergraduate-studies/undergraduate-hub/>) 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 2025–2026 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 (<https://admissions.unc.edu/>) 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. 85).

Minor

- Media and Journalism Minor (p. 90)

Graduate Programs

- M.A. in Digital Communication (<https://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>) (Online)
- M.A. in Media and Communication (<https://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)
- Ph.D. in Media and Communication (<https://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)

Courses

- Media and Journalism (MEJO) (<https://catalog.unc.edu/courses/mejo/>)

Distinguished Professors

Francesca Dillman Carpentier, Kristen Harrison, Daniel Kreiss, Seth Noar, Terence Oliver, Marisa Porto, Raul Reis, C.A. Tuggle.

Professors

Nori Comello, Patrick D. Davison, Tori Ekstrand, Rhonda Gibson, Suman Lee.

Professors of the Practice

Esther E. Campi, Julie Dixon-Green, Rebecca Fish, Michelle LaRoche, Dana McMahan.

Associate Professors

Debashis Aikat, Shaun Anderson, Lucinda Austin, Spencer Barnes, Andy R. Bechtel, Lois A. Boynton, Meredith D. Clark, Paul F. Cuadros, Lightning Czabovsky, Livis Freeman, Barbara G. Friedman, Chad Heartwood, Joe Bob Hester, Steven King, Allison Lazard, Trevy McDonald, Shannon C. McGregor, Amanda Reid, Laura A. Ruel, Ryan M. Thornburg.

Teaching Professor

Valerie K. Fields.

Assistant Professors

Shelvia Dancy, Lee McGuigan, Erin Siegal McIntyre, Xinyan Zhao.

Teaching Associate Professor

Gary Kayye.

Teaching Assistant Professors

Scott Geier, Carl W. Kenney, Nazanin Knudsen.

Professors Emeriti

Penny M. Abernathy, Harry Amana, Richard Beckman, Thomas Bowers, Jane D. Brown, Bill Cloud, Richard R. Cole, Frank Fee, Ferrel Guillory, Anne Johnston, Susan King, Robert Lauterborn, Jock Lauterer, Tom Linden, Cathy L. Packer, Dan Riffe, John Sweeney, Leroy Towns, Jan Yopp, Xinshu Zhao.

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

Associate Dean for Undergraduate Studies

Julie Dixon-Green

Senior Director of Undergraduate Program

Stacy Outlaw
stacy.outlaw@unc.edu

Director, Academic Advising and Student Engagement

Sharon Jones
shjones@email.unc.edu

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, and sexual orientation. As appropriate, understand 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.

Our student learning outcomes mirror our accreditation requirements/ demands.

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. 711).

Requirements Outside the School

Code	Title	Hours
Government/Politics		
Select one from the following list: ⁴		3
POLI 100	 American Democracy in Changing Times ^{H, F}	
POLI 130	 Introduction to Comparative Politics ^{H, F}	
POLI 150	 International Relations and Global Politics ^{H, F}	
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 ^H	
Ethical and Civic Values		
Select one from the following list: ⁴		3
MEJO 141	 Media Ethics ³	
PHIL 160	 Virtue, Value, and Happiness: An Introduction to Moral Theory ^H	
PHIL 163	 Practical Ethics: Moral Reasoning and How We Live ^H	
PHIL 170	 Liberty, Rights, and Responsibilities: Introduction to Social Ethics and Political Thought ^H	
PHIL 272	 The Ethics of Peace, War, and Defense	
Total Hours		6

- 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 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. To request a review of eligible courses, students should submit a Transfer Credit Re-evaluation eForm through their ConnectCarolina Student Center (<https://connectcarolina.unc.edu/>).

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.

Additionally, students can pursue optional programs within the media and journalism major. Formerly known as certificates, UNC Hussman offers five focused programs: Business Communication, Fashion Communication & Marketing, Health Communication & Marketing, Political Communication and Sports Communication. These programs are focused areas within the concentrations of Advertising/Public Relations

and Journalism. These programs are by application only. For additional details, please visit the program's website (<https://hussman.unc.edu/undergraduate-studies/curriculum-and-programs/#certificates>). Students who complete one of these programs will have the focus noted on their transcript.

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. At the end of each semester, students are advised to also download a summary report for their records. 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
School Core		
MEJO 121	 Introduction to Digital Storytelling ¹	3
MEJO 153	Writing and Reporting ¹	3
MEJO 340	Introduction to Media Law: Journalism Focus	3
Concentration ⁶		
At least two courses from Level 1 ⁴		6
MEJO 129	 Sports Xtra	
MEJO 144	Introduction to Political Communication	
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 ⁴		6
MEJO 352	Sports Production and Broadcasting	
MEJO 353	Sports Production and Broadcasting Practicum ⁷	
MEJO 356	Feature Writing	
MEJO 358	Opinion Writing	
MEJO 390	Special Skills in Mass Communication (when JRN topic) ⁸	
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 467	Business Concepts for Communications	
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) ^{8, H}	
At least two courses from Level 3 ⁴		6
MEJO 500	Freelance Fundamentals	
MEJO 522	Producing Television News	
MEJO 523	Broadcast News and Production Management ^H	
MEJO 541	Reporting & Writing About the Economy	
MEJO 542	Reporting & Writing About Business	
MEJO 550	Business and the Media	
MEJO 553	Advanced Reporting	
MEJO 557	News Editing ⁵	
MEJO 560	Environmental and Science Journalism ^H	
MEJO 562	Environmental and Science Documentary Television	
MEJO 565	Environmental Storytelling	
MEJO 570	 Data Driven Journalism	
MEJO 580	Photo Stories	
MEJO 581	User Experience Design and Usability	
MEJO 582	Advanced Documentary Video Storytelling	
MEJO 583	Advanced Interactive Media	
MEJO 584	 International Projects ^{12, H}	
MEJO 585	3D Design Studio	
MEJO 588	Emerging Technologies	
MEJO 589	Motion Graphics	
MEJO 593	 Washington D.C. In-Residence Semester	
Conceptual Courses⁶		
Students must also complete two courses (6 hours) from the following list: ⁴		6
MEJO 137	Principles of Advertising and Public Relations	
MEJO 141	 Media Ethics ³	
MEJO 142	 Cultural Competency in Journalism and Strategic Communication	
MEJO 144	Introduction to Political Communication	
MEJO 242	From Gutenberg to Google: A History of Media	
MEJO 244	Public Issues in the Platform Era	
MEJO 245	Sports and the Media ¹¹	
MEJO 342	 The Black Press and United States History	
MEJO 372	Advertising Media	
MEJO 373	Account Planning	
MEJO 374	Communications Consulting	
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 435	Public Information Strategies	
MEJO 437	Media in Asia ^{12, H}	
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 ^{12, H}	
MEJO 448	Freedom of Expression in the United States	
MEJO 466	Sports Marketing and Strategic Communication	
MEJO 467	Business Concepts for Communications	
MEJO 469	Health Communication and Marketing	
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 ^H	
MEJO 490	Special Topics in Mass Communication ^H	
MEJO 500	Freelance Fundamentals	
MEJO 531	Case Studies in Public Relations	
MEJO 532	International Public Relations	
MEJO 533	Crisis Communication	
MEJO 544	Career Exploration and Preparation	
MEJO 550	Business and the Media	
MEJO 569	Behavioral Science in Health Communication	
MEJO 571	Social Media Analytics	
MEJO 572	Art Direction in Advertising	
MEJO 581	User Experience Design and Usability	
MEJO 588	Emerging Technologies	
MEJO 591	Workroom FashionMash Experiential Design	
MEJO 592	Workroom FashionMash Product Design	
MEJO 594	Workroom FashionMash Editorial	
MEJO 596	Individual Study	
MEJO 644	Washington Experience ^H	
MEJO 652	Digital Media Economics and Behavior ^H	
MEJO 653	Leadership in a Time of Change ^H	
MEJO 670	Digital Advertising and Marketing ^H	
MEJO 671	 Social Marketing Campaigns ^H	
MEJO 673	Advertising Campaigns ^H	
MEJO 677	The Branding of Me	
MEJO 691H	 Introductory Honors Course	
MEJO 692H	 Honors Essay	
Capstone⁶		
Select one course from the following: ⁴		3
MEJO 625	Media Hub ^H	
MEJO 630	Business News Wire ^H	

MEJO 631	Business Journalism Management ^H	
MEJO 644	Washington Experience ^{13, H}	
MEJO 652	Digital Media Economics and Behavior ^H	
MEJO 653	Leadership in a Time of Change ^H	
MEJO 656	Magazine Writing and Editing	
MEJO 677	The Branding of Me	
MEJO 669	Health Marketing Capstone ^H	
MEJO 681	Documentary Projects ^H	
MEJO 683	Magazine Design	
MEJO 691H	 Introductory Honors Course	
MEJO 692H	 Honors Essay	

Choice ⁶

Students must take one elective MEJO course of their choice to meet the 39-hour MEJO minimum. This can be any course offered by the school (including MEJO 89 and MEJO 101), regardless of area of study, except MEJO 393. Students may take additional courses in this category, but doing so will exceed the 39-hour minimum.





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.





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
School Core		
MEJO 121	 Introduction to Digital Storytelling ¹	3
MEJO 153	Writing and Reporting ¹	3
MEJO 341	 Introduction to Media Law: Advertising, Public Relations, and Strategic Communication Focus (MEJO 153 is a prerequisite)	3
Concentration ⁶		
One course from Level 1		3
MEJO 137	Principles of Advertising and Public Relations ²	
At least three courses from Level 2. All students are required to take MEJO 379.		9
MEJO 379	 Advertising and Public Relations Research	
Two additional courses from the following list: ⁴		
MEJO 332	 Public Relations Writing	
MEJO 333	Video for Advertising and Public Relations	
MEJO 334	Visual Design for Strategic Communication	
MEJO 371	Advertising Creative	
MEJO 372	Advertising Media	

MEJO 373	Account Planning	
MEJO 374	Communications Consulting	
MEJO 377	Sports Communication	
MEJO 390	Special Skills in Mass Communication (when AD/PR topic) ⁹	
At least two courses from Level 3 ⁴		6
MEJO 432	Cause Communications	
MEJO 433	UX Strategy and Design	
MEJO 435	Public Information Strategies	
MEJO 437	Media in Asia ^{12, H}	
MEJO 438	Advertising in the Age of Alexa	
MEJO 439	Producing for Advertising	
MEJO 447	 Media in the United Kingdom ^{12, H}	
MEJO 466	Sports Marketing and Strategic Communication	
MEJO 467	Business Concepts for Communications	
MEJO 469	Health Communication and Marketing	
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 ^H	
MEJO 490	Special Topics in Mass Communication (when AD/PR topic) ^{10, H}	
MEJO 530	Green Brand Lab	
MEJO 531	Case Studies in Public Relations	
MEJO 532	International Public Relations	
MEJO 533	Crisis Communication	
MEJO 541	Reporting & Writing About the Economy	
MEJO 542	Reporting & Writing About Business	
MEJO 544	Career Exploration and Preparation	
MEJO 550	Business and the Media	
MEJO 553	Advanced Reporting (with instructor's approval)	
MEJO 569	Behavioral Science in Health Communication	
MEJO 572	Art Direction in Advertising	
MEJO 581	User Experience Design and Usability	
MEJO 588	Emerging Technologies	
MEJO 591	Workroom FashionMash Experiential Design	
MEJO 592	Workroom FashionMash Product Design	
MEJO 593	 Washington D.C. In-Residence Semester	
MEJO 594	Workroom FashionMash Editorial	
Conceptual Courses ⁶		6
Students must also complete two courses (6 hours) from the following list: ⁴		
MEJO 141	 Media Ethics ³	
MEJO 142	 Cultural Competency in Journalism and Strategic Communication	
MEJO 144	Introduction to Political Communication	
MEJO 242	From Gutenberg to Google: A History of Media	
MEJO 244	Public Issues in the Platform Era	
MEJO 245	Sports and the Media ¹¹	
MEJO 342	 The Black Press and United States History	

MEJO 372	Advertising Media
MEJO 373	Account Planning
MEJO 374	Communications Consulting
MEJO 377	Sports Communication
MEJO 424	Media Management and Policy
MEJO 425	Voice and Diction
MEJO 432	Cause Communications
MEJO 435	Public Information Strategies
MEJO 437	Media in Asia ^{12, H}
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 ^{12, H}
MEJO 448	Freedom of Expression in the United States
MEJO 466	Sports Marketing and Strategic Communication
MEJO 467	Business Concepts for Communications
MEJO 469	Health Communication and Marketing
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 ^H
MEJO 490	Special Topics in Mass Communication ^H
MEJO 500	Freelance Fundamentals
MEJO 531	Case Studies in Public Relations
MEJO 532	International Public Relations
MEJO 533	Crisis Communication
MEJO 544	Career Exploration and Preparation
MEJO 550	Business and the Media
MEJO 569	Behavioral Science in Health Communication
MEJO 571	Social Media Analytics
MEJO 572	Art Direction in Advertising
MEJO 581	User Experience Design and Usability
MEJO 588	Emerging Technologies
MEJO 591	Workroom FashionMash Experiential Design
MEJO 592	Workroom FashionMash Product Design
MEJO 594	Workroom FashionMash Editorial
MEJO 596	Individual Study
MEJO 644	Washington Experience ^H
MEJO 652	Digital Media Economics and Behavior ^H
MEJO 653	Leadership in a Time of Change ^H
MEJO 670	Digital Advertising and Marketing ^H
MEJO 671	 Social Marketing Campaigns ^H
MEJO 673	Advertising Campaigns ^H
MEJO 677	The Branding of Me
MEJO 691H	 Introductory Honors Course
MEJO 692H	 Honors Essay

Capstone⁵At least one course³ 3

MEJO 625	Media Hub (with instructor's approval) ^H
MEJO 634	Public Relations Campaigns ^H
MEJO 644	Washington Experience ^{13, H}
MEJO 652	Digital Media Economics and Behavior ^H
MEJO 653	Leadership in a Time of Change ^H
MEJO 669	Health Marketing Capstone ^H
MEJO 670	Digital Advertising and Marketing ^H
MEJO 671	 Social Marketing Campaigns ^H
MEJO 673	Advertising Campaigns ^H
MEJO 674	PRSSA Campaigns
MEJO 677	The Branding of Me
MEJO 690	Special Topics in Advertising ^H
MEJO 691H	 Introductory Honors Course
MEJO 692H	 Honors Essay

Choice⁶

Students must take one elective MEJO course of their choice to meet the 39-hour MEJO minimum. This can be any course offered by the school (including MEJO 89 and MEJO 101), regardless of area of study, except MEJO 393. Students may take additional courses in this category, but doing so will exceed the 39-hour minimum.

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.

The below footnotes apply to advertising/public relations or journalism areas of study.

- ¹ It is recommended that students take MEJO 153 and MEJO 121 together.
- ² MEJO 137 is required before taking upper-level courses.
- ³ MEJO 141 will satisfy Ethical and Civic Values and Conceptual.
- ⁴ Not all of the courses may be offered every semester.
- ⁵ If you have taken MEJO 157, you can't receive credit for this course.
- ⁶ Courses listed in more than one area may satisfy only one requirement.
- ⁷ 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.
- ⁸ Satisfies JRN-Level 2, when approved by the associate dean for undergraduate studies.
- ⁹ Satisfies AD/PR-Level 2, when approved by the associate dean for undergraduate studies.
- ¹⁰ Satisfies AD/PR-Level 3, when approved by the associate dean for undergraduate studies.
- ¹¹ MEJO 245 is offered at 1 credit hour. To meet the minimum of 6 hours for Conceptual, students must choose an additional Conceptual course.
- ¹² Global Immersive Program. For more information on how to apply, visit Hussman Global Programs (<http://hussman.unc.edu/ug/student-services/globalprograms/>).
- ¹³ MEJO 644 was previously offered as MEJO 537. MEJO 537 will count as a Capstone for students who complete the course in Fall 2022 and beyond.

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 on a grade point average of 3.5 or higher in the major, 3.3 overall, a recommendation from a faculty member in the school, and approval by the director of the honors program. Students who successfully complete the program graduate with honors or highest honors. For more information, visit the school's website (<https://hussman.unc.edu/honors-program/>).

Student Involvement

Students are encouraged to contribute to campus publications and programs, gain professional experience, and engage with relevant professional organizations within the UNC Hussman School of Journalism and Media. For information, visit the school's website (<https://hussman.unc.edu/undergraduate-studies/get-involved/>).

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 High-Impact requirement under the IDEAs in Action General Education curriculum and the Experiential Education General Education requirement in the Making Connections curriculum. The school's career services (<https://hussman.unc.edu/undergraduate-studies/undergraduate-hub/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 through the UNC Study Abroad Office, the school offers its own study abroad exchanges with top media and journalism schools in Argentina, Australia, Chile, Hong Kong, London, and Spain. Students should consult with the school's global programs staff (located in the Undergraduate Hub in Carroll Hall) to confirm media and journalism course credit prior to their study abroad term. For more information, visit the school's website (<https://hussman.unc.edu/undergraduate-studies/undergraduate-hub/global-programs/>).

Undergraduate Scholarships

Undergraduate students who have been admitted to the UNC Hussman School are eligible to apply for funding for a range of purposes. For information, visit 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. 85).

Minor

- Media and Journalism Minor (p. 90)

Graduate Programs

- M.A. in Digital Communication (<https://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>) (Online)
- M.A. in Media and Communication (<https://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)
- Ph.D. in Media and Communication (<https://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)

Courses

- Media and Journalism (MEJO) (<https://catalog.unc.edu/courses/mejo/>)

Contact Information

Hussman School of Journalism and Media

Visit Program Website (<http://hussman.unc.edu/>)
Carroll Hall, CB# 3365
(919) 962-1204

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Media and Journalism Minor

Students who are not enrolled in UNC Hussman have the chance to pursue a minor in media and journalism. The minor offers concentrations in advertising/public relations and journalism. However, students may need to meet prerequisites for their selected minor courses.

The school has one application timeline for admission in the spring semesters. For further details and resources, please visit the school's website (<http://hussman.unc.edu/ug/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. 711).

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
Core Requirement		
MEJO 137	Principles of Advertising and Public Relations	3
Choose 4 additional MEJO courses chosen from the following list:		12
MEJO 141	 Media Ethics	
MEJO 153	Writing and Reporting	
MEJO 332	 Public Relations Writing	
MEJO 333	Video for Advertising and Public Relations	
MEJO 334	Visual Design for Strategic Communication	
MEJO 341	 Introduction to Media Law: Advertising, Public Relations, and Strategic Communication Focus	
MEJO 371	Advertising Creative	
MEJO 372	Advertising Media	
MEJO 373	Account Planning	
MEJO 374	Communications Consulting	
MEJO 377	Sports Communication	
MEJO 379	 Advertising and Public Relations Research	
MEJO 390	Special Skills in Mass Communication (with associate dean approval)	
MEJO 432	Cause Communications	
MEJO 433	UX Strategy and Design	
MEJO 435	Public Information Strategies	
MEJO 437	Media in Asia ^H	
MEJO 438	Advertising in the Age of Alexa	
MEJO 439	Producing for Advertising	
MEJO 447	 Media in the United Kingdom ^H	
MEJO 466	Sports Marketing and Strategic Communication	
MEJO 467	Business Concepts for Communications	
MEJO 469	Health Communication and Marketing	
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 ^H	
MEJO 490	Special Topics in Mass Communication (with associate dean approval) ^H	
MEJO 530	Green Brand Lab	
MEJO 531	Case Studies in Public Relations	
MEJO 532	International Public Relations	
MEJO 533	Crisis Communication	
MEJO 541	Reporting & Writing About the Economy	
MEJO 542	Reporting & Writing About Business	

MEJO 544	Career Exploration and Preparation	
MEJO 550	Business and the Media	
MEJO 553	Advanced Reporting	
MEJO 569	Behavioral Science in Health Communication	
MEJO 572	Art Direction in Advertising	
MEJO 581	User Experience Design and Usability	
MEJO 588	Emerging Technologies	
MEJO 591	Workroom FashionMash Experiential Design	
MEJO 592	Workroom FashionMash Product Design	
MEJO 593	 Washington D.C. In-Residence Semester	
MEJO 594	Workroom FashionMash Editorial	
MEJO 644	Washington Experience ^H	
MEJO 677	The Branding of Me	
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.

Journalism

Code	Title	Hours
Core Requirements		
MEJO 153	Writing and Reporting ¹	3
or MEJO 252	 Audio Journalism	
MEJO 141	 Media Ethics ¹	3
or MEJO 340	Introduction to Media Law: Journalism Focus	
Choose 3 additional MEJO courses chosen from the following list:		9
MEJO 129	 Sports Xtra	
MEJO 141	 Media Ethics ¹	
MEJO 144	Introduction to Political Communication	
MEJO 153	Writing and Reporting ¹	
MEJO 180	Foundations of Photojournalism	
MEJO 182	Foundations of Graphic Design	
MEJO 187	Foundations of Interactive Media	
MEJO 252	 Audio Journalism ¹	
MEJO 253	Introduction to Public Affairs Reporting	
MEJO 340	Introduction to Media Law: Journalism Focus ¹	
MEJO 352	Sports Production and Broadcasting	
MEJO 353	Sports Production and Broadcasting Practicum	
MEJO 356	Feature Writing	
MEJO 358	Opinion Writing	
MEJO 390	Special Skills in Mass Communication (with associate dean approval)	
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 467	Business Concepts for Communications	
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 (with associate dean approval) ^H
MEJO 500	Freelance Fundamentals
MEJO 522	Producing Television News
MEJO 523	Broadcast News and Production Management ^H
MEJO 541	Reporting & Writing About the Economy
MEJO 542	Reporting & Writing About Business
MEJO 550	Business and the Media
MEJO 553	Advanced Reporting
MEJO 557	News Editing
MEJO 560	Environmental and Science Journalism ^H
MEJO 562	Environmental and Science Documentary Television
MEJO 565	Environmental Storytelling
MEJO 570	 Data Driven Journalism
MEJO 580	Photo Stories
MEJO 581	User Experience Design and Usability
MEJO 582	Advanced Documentary Video Storytelling
MEJO 583	Advanced Interactive Media
MEJO 584	 International Projects ^H
MEJO 585	3D Design Studio
MEJO 588	Emerging Technologies
MEJO 589	Motion Graphics
MEJO 593	 Washington D.C. In-Residence Semester
MEJO 644	Washington Experience ^H
MEJO 677	The Branding of Me

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.

¹ Courses listed in multiple areas can only fulfill one requirement.

See the program page here (p. 85) for special opportunities.

Department Programs

Majors

- Media and Journalism Major, B.A (p. 85).

Minor

- Media and Journalism Minor (p. 90)

Graduate Programs

- M.A. in Digital Communication (<https://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>) (Online)
- M.A. in Media and Communication (<https://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)

- Ph.D. in Media and Communication (<https://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)

Courses

- Media and Journalism (MEJO) (<https://catalog.unc.edu/courses/mejo/>)

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

Associate Dean for Undergraduate Studies

Julie Dixon-Green

Senior Director of Undergraduate Program

Stacy Outlaw

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Sharon Jones

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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, a doctor of nursing practice (D.N.P.), a doctor of philosophy (Ph.D.), pre- and postdoctoral fellowships, and post-master's certificate programs. Since its inception in 1950, the school has led nursing education in North Carolina, and today boasts one of the highest nationwide pass rates on the National Council Licensure Examination (NCLEX) and a rich tradition of cutting-edge nursing science. The School of Nursing is one of few schools in the country to house a biobehavioral laboratory for the promotion of nursing discovery.

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, skills, 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.).

Students are subject to the requirements in place when they are admitted to the School of Nursing; consequently, the requirements described in

this Catalog apply to students admitted to the School of Nursing during the 2025–2026 academic year.

Admission (p. 96) 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 the nursing major, 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 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, develop clinical judgement, 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 Doctor of Philosophy (Ph.D.) 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 master's-level coursework. For further information on the graduate program, contact the Office of Student Affairs or visit 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 nurse. 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.

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
Prerequisite Courses		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
or BIOC 107	Introduction to Biochemistry	
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
or BIOC 108	Introduction to Biochemistry	
Key Science Courses		
BIOL 252 & 252L	 Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory ^{1,4, H}	4
BIOL 253 & 253L	Advanced Human Anatomy and Physiology and Advanced Human Anatomy and Physiology Laboratory ^{1,4}	4
MCRO 251	Introductory Medical Microbiology ^{1,4}	4
PSYC 101	 General Psychology ^{2,5, F}	3

One course from the following:		3
STOR 151	 Introduction to Data Analysis ^{2,5}	
STOR 155	 Introduction to Data Models and Inference ^{2,3,5} H, F	

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.

¹ A grade of B- or better is required.

² A grade of C or better is required.

³ STOR 155 is strongly recommended for students interested in graduate study.

⁴ Must have been completed within the past **five** years.





⁵ 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 ^{1,4, H}	4
BIOL 253 & 253L	Advanced Human Anatomy and Physiology and Advanced Human Anatomy and Physiology Laboratory ^{1,4}	4
MCRO 251	Introductory Medical Microbiology ^{1,4}	4
PSYC 101	 General Psychology ^{2,5, F}	3
One course from the following:		3
STOR 151	 Introduction to Data Analysis ^{2,5}	
STOR 155	 Introduction to Data Models and Inference ^{2,3,5} H, F	

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.

¹ A grade of B- or better is required.

² A grade of C or better is required.

³ STOR 155 is strongly recommended for students interested in graduate study.

⁴ Must have been completed within the past **five** years.

⁵ 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. 96)

Graduate Programs

- D.N.P. in Nursing (<https://catalog.unc.edu/graduate/schools-departments/nursing/#programtext>)
- M.S.N. in Nursing (<https://catalog.unc.edu/graduate/schools-departments/nursing/#programtext>)
- Ph.D. in Nursing (<https://catalog.unc.edu/graduate/schools-departments/nursing/#programtext>)

Courses

- Nursing (NURS) (<https://catalog.unc.edu/courses/nurs/>)

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.

Tenured/Tenure Track Distinguished Professors

Jada Brooks (141)
Ashley Leak Bryant (143)
Cheryl Giscombe (31)
Cheryl B. Jones (112)
Saif Khairat (155)
Shawn Kneipp (134)
Jennifer Leeman (133)
Sheila Santacroce (51)
Suzanne Thoyre (45)
Mark Toles (142)

Professors

Ashley Leak Bryant (143)
Cheryl Giscombe (31)
Cheryl B. Jones (112)
Saif Khairat (155)
Shawn Kneipp (134)
Jennifer Leeman (133)
Mary Lynn (84)
Sheila Santacroce (51)
Brent Small
Suzanne Thoyre (45)
Marcia Van Riper (120)
Margaret C. Wilmoth (167)
SeonAe Yeo (108)

Associate Professors

Jada Brooks (141)
Leslie Davis(23)
Eric Hodges (16)
Cathi Propper
Mark Toles (142)
Natalia Rodriguez Villegas (26)
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)
Grace Wu (12)
Rose Xavier (19)

Research Associate Professors

Jamie Crandell

Todd Schwartz

Fixed Term Track Professors

Jennifer Alderman (145)
Rumay Alexander (020)
Margaret Carman (003)
Carol Durham (111)
Louise Fleming (013)
Rhonda Lanning (146)
Carrie Palmer (049)
Theresa Raphael-Grimm (121)
Shielda Rodgers (021)
Victoria Soltis-Jarrett (126)
Lisa Woodley (164)
Meg Zomorodi (070)

Associate Professors

Jennifer Alderman (145)
Maureen Baker (007)
Suja Davis(014)
Jean Davison (114)
Julie Jacobson-Vann (131)
Ashley Kellish (005)
Maureen Kelly (040)
Rebecca Kitzmiller (150)
Audra Rankin (024)
JoAn Stanek (158)
Elizabeth Stone
Megan Williams (022)

Assistant Professors

Susana Barroso (027)
Kandyce Brennan
Amanda Brinson (86)
Michael Bury
Susan Catchings (025)
Beth Cosgrove
Cathy Crawford (032)
Stephanie Fisher
Grace Hubbard (062)
Sharon Jackson
Ann Marie Jones (017)
Stephanie Machalicky (028)
Rachel McInerney (018)
Leigh Mullen
Katherine Peppers (173)
Leslie Sharpe (159)
Brandy Reardon
Nancy Thompson
Tracy Vernon-Platt (147)

Instructors

Marlena Brokob
Marco Castro
LaTonia Chalmers
Bethany Davis
Ryan Lewis
Krystal Pendergraft-Horne

Megan Ross
Erin Stanley
Cara Winstead

Nurse Specialists

Laura Livingston
Patrick McMurray
Lonna Patel
Samantha Sheets Mapel
Scotty Switzer

Faculty Emeriti

Ruth Anderson
Linda Beeber
Beth Black
Barbara Bunker
Margaret E. Campbell
Linda Cronenwett
Jo Ann Dalton

Jennifer D'Auria
Molly C. Dougherty
Margery Duffey
Catherine I. Fogel
Cynthia M. Freund
Sandra G. Funk
Barbara Germino
Edward Halloran
Joanne Harrell
Donna Havens
Carol C. Hogue
Margaret F. Hudson
George Knafl
Kathleen Knafl
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

Contact Information

School of Nursing

Visit Program Website (<http://nursing.unc.edu>)
Carrington Hall, CB# 7460
(919) 966-4260

Dean and Professor

Valerie Howard
howardv@unc.edu

Assistant Dean, Prelicensure Program

Elizabeth Stone
esgriffi@email.unc.edu

Assistant Dean, Student Affairs

Kacy S. McAdoo
ksmcadoo@unc.edu

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. 92) 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 email for conveying course/clinical/research/other school-related business. All email communication regarding School of Nursing matters must utilize the student's University email address only. The use of external email services is not permitted. School of Nursing courses use the Canvas 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. Students have access to PC laboratory facilities across 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}

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. 93).

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 2025–2026 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
Core Requirements		
NURS 301	 Building Effective Relationships in Healthcare: Carolina Core I	3
NURS 302	 Research, Ethics, and Innovation: Carolina Core II	3
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	1
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	1
NURS 411	Clinical Nursing Skills and Health Assessment IV: On Campus Clinical IV	1
NURS 430	Nursing Care of Adults II	5
NURS 481	Mental Health Promotion and Psychiatric Care Across Populations and Settings	5
NURS 482	Reproductive Health and Nursing Care of the Childbearing Family	5
NURS 483	Family-Centered Nursing Care from Birth through Adolescence	5
NURS 484	Public Health Nursing in Community Settings	4
NURS 697	 Capstone: Transitions in Care and Practice	6

NURS---	Required NURS elective ¹	3
Total Hours		60

¹ 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.

Plans of Study

B.S.N. Option Plan of Study (Five Semesters)

Course plan for August matriculation.

Code	Title	Hours
Fall		
NURS 301	 Building Effective Relationships in Healthcare: 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
Spring		
NURS 302	 Research, Ethics, and Innovation: Carolina Core II	3
NURS 311	Clinical Nursing Skills and Health Assessment II: On Campus Clinical II	1
NURS 352	Pathophysiology/Pharmacology Across the Lifespan II	3
NURS 481	Mental Health Promotion and Psychiatric Care Across Populations and Settings	5
Summer		
NURS 430	Nursing Care of Adults II	5
NURS 482	Reproductive Health and Nursing Care of the Childbearing Family	5
Fall		
NURS 401	Integrating Principles of Leadership, Quality and Safety, and Informatics into Nursing Practice	3
NURS 410	Clinical Nursing Skills and Health Assessment III: On Campus Clinical III	1
NURS 483	Family-Centered Nursing Care from Birth through Adolescence	5
NURS 484	Public Health Nursing in Community Settings	4
Spring		
NURS 402	Foundations of Population Health and Global Health: Carolina Core IV	2
NURS 411	Clinical Nursing Skills and Health Assessment IV: On Campus Clinical IV	1
NURS 697	 Capstone: Transitions in Care and Practice	6
Required NURS elective ¹		3
Total Hours		60

¹ 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
Summer		
NURS 301	 Building Effective Relationships in Healthcare: 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
Fall		
NURS 302	 Research, Ethics, and Innovation: Carolina Core II	3
NURS 311	Clinical Nursing Skills and Health Assessment II: On Campus Clinical II	1
NURS 352	Pathophysiology/Pharmacology Across the Lifespan II	3
NURS 481	Mental Health Promotion and Psychiatric Care Across Populations and Settings	5
NURS 482	Reproductive Health and Nursing Care of the Childbearing Family	5
Spring		
NURS 401	Integrating Principles of Leadership, Quality and Safety, and Informatics into Nursing Practice	3
NURS 410	Clinical Nursing Skills and Health Assessment III: On Campus Clinical III	1
NURS 430	Nursing Care of Adults II	5
NURS 483	Family-Centered Nursing Care from Birth through Adolescence	5
NURS 484	Public Health Nursing in Community Settings	4
SUMMER		
NURS 402	Foundations of Population Health and Global Health: Carolina Core IV	2
NURS 411	Clinical Nursing Skills and Health Assessment IV: On Campus Clinical IV	1
NURS 697	 Capstone: Transitions in Care and Practice	6
Required NURS elective ¹		3
Total Hours		60

¹ 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.

Military Option

Individual plans of study will be developed for each admitted student.

Special Opportunities in Nursing

Departmental Involvement

Students are encouraged to participate in student leadership opportunities. These include the elected class governance system, the Baccalaureate Executive Committee, 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>), 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 first degree BSN 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 Assistant 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

Senior Associate Dean for Academic Affairs

Rebecca Hill
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Dean and Professor

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Elizabeth Stone
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UNC Eshelman School of Pharmacy

Introduction

Pharmacists are drug information experts and are among the most trusted and most accessible 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 prescription 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. Our Pharm.D. program offers a highly immersive curricula, with patient care immersion experiences commencing during students' second year of study.

Advising

In the UNC Eshelman School of Pharmacy, advising is a form of teaching. 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.

Career Opportunities

Pharmacy offers a variety of opportunities for career advancement and job security 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 a 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 ^{H, F}	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
CHEM 241 & 241L	Modern Analytical Methods for Separation and Characterization and Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds ^{1, H}	4
CHEM 261	Introduction to Organic Chemistry I ^H	3
CHEM 262 & 262L	Introduction to Organic Chemistry II and Laboratory in Organic Chemistry ^H	4
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory ^{H, F}	4
BIOL 252 & 252L	Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory ^H	4
MCRO 251	Introductory Medical Microbiology	4
PHYS 114	General Physics I: For Students of the Life Sciences ^F	4

PHYS 115	General Physics II: For Students of the Life Sciences ^{2, F}	4
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
STOR 151	Introduction to Data Analysis	3
or STOR 155	Introduction to Data Models and Inference	
CHEM 430	Introduction to Biological Chemistry ^H	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.


¹ Only required for students completing prerequisite courses at UNC–Chapel Hill.

² 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 ^{H, F}	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
CHEM 241 & 241L	Modern Analytical Methods for Separation and Characterization and Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds ^{1, H}	4
CHEM 261	Introduction to Organic Chemistry I ^H	3
CHEM 262 & 262L	Introduction to Organic Chemistry II and Laboratory in Organic Chemistry ^H	4
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory ^{H, F}	4
BIOL 252 & 252L	Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory ^H	4
MCRO 251	Introductory Medical Microbiology	4
PHYS 114	General Physics I: For Students of the Life Sciences ^F	4
PHYS 115	General Physics II: For Students of the Life Sciences ^{2, F}	4
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
STOR 151	Introduction to Data Analysis	3

or STOR 155	 Introduction to Data Models and Inference
CHEM 430	Introduction to Biological Chemistry ^H

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.

- ¹ Only required for students completing prerequisite courses at UNC–Chapel Hill.
- ² 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

Professional Degree

- Doctor of Pharmacy (Pharm.D.) (<https://catalog.unc.edu/undergraduate/programs-study/pharmd/>)

Minor

- Pharmaceutical Sciences Minor (p. 105)

Graduate Programs

- M.S. in Pharmaceutical Sciences (<https://catalog.unc.edu/graduate/schools-departments/eshelman-school-pharmacy/>)
- M.P.S. in Regulatory Science (<https://catalog.unc.edu/graduate/schools-departments/eshelman-school-pharmacy/>)
- Ph.D. in Pharmaceutical Sciences (<https://catalog.unc.edu/graduate/schools-departments/eshelman-school-pharmacy/>)

Distinguished Professors

Kristy Ainslie, Pharmacoeengineering 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, Pharmacoeengineering and Molecular Pharmaceutics
 Michael Jay, emeritus, Pharmacoeengineering and Molecular Pharmaceutics
 Alexander Kabanov, Pharmacoeengineering 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

Professors 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, Pharmacoeengineering 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, Pharmacoeengineering and Molecular Pharmaceutics
 Michael Jarstfer, Chemical Biology and Medicinal Chemistry
 Jacqueline McLaughlin, Practice Advancement
 Juliane Nguyen, Pharmacoeengineering 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

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Anita Crescenzi, Practice Advancement

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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
Fall Term		
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 513L	Pharmaceutical Compounding	1.5
Fall total credit hours		17.5
Spring Term		
PHCY 510	Foundations of Clinical Pharmacology	3
PHCY 511	Foundations of Pharmacokinetics	3
PHCY 512	Pharmaceutics and Drug Delivery Systems	3
PHCY 516	Foundations of Patient Care	2
PHCY 519	Self-Care and Nonprescription Medications	1.5
PHCY 529	Pharmacotherapy: Foundations	3
Spring total credit hours		15.5
Summer Term		
Assigned 1 immersion experience:		8
PHCY 591	Immersion Experience: Community	
PHCY 691	Immersion Experience: Health System	
Summer total credit hours		8
PY1 total credit hours		41

Professional Year 2

Code	Title	Hours
Fall Term		
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 630	Pharmacotherapy: Applied	4
Fall total credit hours		12

Spring Term		
PHCY 619	Business of Healthcare: Focus on the Pharmacy Enterprise	2
PHCY 631	Pharmacotherapy: Integrated I	5
PHCY 636	Leadership and Professional Development I	1
Enroll in 1 or 2 elective courses (Need total of 7 elective credit hours to graduate)		
Assigned 1 immersion experience:		8
PHCY 591	Immersion Experience: Community	
PHCY 691	Immersion Experience: Health System	
PHCY 791	Immersion Experience: Direct-Patient Care	
Spring total credit hours		16
		+elective credit hours
PY2 total credit hours		28
		+elective credit hours

Professional Year 3

Code	Title	Hours
Fall Term		
PHCY 732	Integrated Pharmacotherapy II	5
PHCY 737	Leadership and Professional Development II	1
Enroll in 1 or 2 elective courses (Need total of 7 elective credit hours to graduate)		
Assigned 1 immersion experience:		8
PHCY 591	Immersion Experience: Community	
PHCY 691	Immersion Experience: Health System	
PHCY 791	Immersion Experience: Direct-Patient Care	
Fall total credit hours		14
		+elective credit hours
Spring Term		
PHCY 718	The Patient Care Experience II	2
PHCY 722	Pharmacy Law: Regulation of Pharmacy Practice	3
PHCY 733	Integrated Pharmacotherapy III	5
Enroll in 1 or 2 elective courses (Need total of 7 elective credit hours to graduate)		
Spring total credit hours		10
		+elective credit hours
PY3 total credit hours		24
		+elective credit hours

Professional Year 4

Code	Title	Hours
Fall Term Seminar		
PHCY 898	Professional Development and Career-Readiness: Fourth Year Seminar I	1
Spring Term Seminar		

PHCY 899	Professional Development and Career-Readiness: Fourth Year Seminar II	1
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Fall/Spring Terms (immersions may be scheduled for either term)

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	

Choose two of the following immersions:

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	

PY4 total credit hours	38
Pharm.D. program total credit hours	138

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 700	SHAC: Community Outreach and Service Learning	0
PHCY 624	Research and Scholarship in Pharmacy I	1.5
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 825	Business of Health Care Seminar	1.5

PHCY 826	Business of Health Care Seminar II	1.5
PHCY 827	Business of Health Care Seminar III	2
PHCY 832	Innovations in Community-Based Pharmacy Practice	1.5
PHCY 833	Advanced Cardiovascular Pharmacy	1.5
PHCY 835	LGBTQIA+ Affirming Care	1.5
PHCY 836	Prevention, Treatment, and Recovery of Substance Use Disorders	1.5
PHCY 837	Pharmacogenetics	1.5
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 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
PHCY 870	Global Pharmacy Elective	1.5
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

Pharmaceutical Sciences Minor

Pharmaceuticals are a major part of the health industry. The minor in pharmaceutical sciences (<https://pharmacy.unc.edu/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. 711).

Admission Requirements

Code	Title	Hours
Students must complete the following courses:		
CHEM 261	Introduction to Organic Chemistry I ^H	3
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
Students must complete or be enrolled simultaneously in the following courses:		
CHEM 262	Introduction to Organic Chemistry II ^H	3
It is also strongly advised that students have already completed the following courses:		
BIOL 240	Cell Biology ^H	3
BIOL 252	 Fundamentals of Human Anatomy and Physiology (or comparable course) ^H	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.

Program Requirements

Code	Title	Hours
Core Requirements		
PHRS 175	Principles of Pharmacy and Pharmaceutical Sciences (spring only)	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 ¹	
PHRS 517	Data Science in Pharmacy	
PHRS 538	Nanomedicine ¹	
PHRS 564	Advances in Drug Delivery	
PHRS 596	Pharmaceutical Sciences Seminar in Chemical Biology and Medicinal Chemistry ²	
PHRS 597	Pharmaceutical Sciences Seminar in Pharmacotherapy and Experimental Therapeutics ²	
PHRS 598	Pharmaceutical Sciences Seminar in Pharmacoengineering and Molecular Pharmaceutics ²	
PHRS 599	Pharmaceutical Sciences Seminar in Pharmaceutical Outcomes and Policy ²	
Total Hours		15

¹ These courses have prerequisites that are not required for the minor.

² Only two seminars will count toward the minor. Each seminar can only be taken once, regardless of grade received.

Department Programs

Professional Degree

- Doctor of Pharmacy (Pharm.D.) (<https://catalog.unc.edu/undergraduate/programs-study/pharmd/>)

Minor

- Pharmaceutical Sciences Minor (p. 105)

Graduate Programs

- M.S. in Pharmaceutical Sciences (<https://catalog.unc.edu/graduate/schools-departments/eshelman-school-pharmacy/>)
- M.P.S. in Regulatory Science (<https://catalog.unc.edu/graduate/schools-departments/eshelman-school-pharmacy/>)
- Ph.D. in Pharmaceutical Sciences (<https://catalog.unc.edu/graduate/schools-departments/eshelman-school-pharmacy/>)

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

Dean

Angela Kashuba

pharmacy_admissions@unc.edu

Summer School

History

In 1877, The University of North Carolina at Chapel Hill established what was possibly the first summer school in the United States. It enrolled 235 students in courses from 10 disciplines. Students came from 42 North Carolina counties and several neighboring states. Women were also first admitted into University courses during this summer session.

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.

Opportunities

The College of Arts and Sciences as well as many professional schools offer summer courses for undergraduate and graduate students. The Summer School is central to the teaching mission of the University. Summer courses are of the same quality and provide the same credit as corresponding courses in the fall or spring terms.

Summer School courses relieve pressure on fall and spring enrollments, create opportunities to enhance students' programs, increase student access to courses in non-major fields and other schools, and ensure 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 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.

The total number of students is also fewer in the summer, and the mix includes a higher proportion of nontraditional and visiting students than during the fall or spring terms. Because class sizes are typically smaller and classes meet daily, students interact more with faculty members and with each other.

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.

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.

Programs

The Summer School offers two sessions of five weeks each, as well as a three-week Maymester. The available courses include many that satisfy undergraduate degree requirements.

The Summer School also offers many online courses, as well as in-person and field courses. Some offerings combine off-campus activities and on-campus classes or combine online and face-to-face learning formats.

Student Services and Advising

The 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 (<https://summer.unc.edu/course-offerings/>) in mid-December. Current UNC–Chapel Hill students who need information on summer courses and early registration should contact their advisor or the relevant academic department.

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 also admits and advises visiting students. A potential visiting student can find information and the online application from the Summer School website (<https://summer.unc.edu/visiting-students/>).

Contact Information

Summer School

Visit Program Website (<http://summer.unc.edu>)
134 E. Franklin Street, Room 200, CB# 3340
(919) 966-4364

Director

Jennifer Larson
jl Larson@email.unc.edu

Undergraduate Programs of Study: Majors and Minors

A

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- African American and Diaspora Studies Minor (p. 115)
- African Studies Minor (p. 115)
- African, African American, and Diaspora Studies Major, B.A. (p. 113)
- American Indian and Indigenous Studies Minor (p. 123)
- American Studies Major, B.A. (p. 119)
- American Studies Major, B.A.–American Indian and Indigenous Studies Concentration (p. 120)
- American Studies Minor (p. 122)
- Anthropology (General) Minor (p. 130)
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- Applied Sciences and Engineering Minor (p. 138)
- Applied Sciences, B.S. (p. 135)
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- Archaeology Major, B.A. (p. 140)
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- Civic Life and Leadership Minor (p. 253)
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- Classics Major, B.A.–Classical Archaeology (p. 255)
- Classics Major, B.A.–Classical Civilization (p. 256)
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- Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Studies Concentration (p. 390)
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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 may still be eligible to participate in the program. If so, 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. 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- and three-year scholarships may be 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 Opportunities

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.

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. 112)

Courses

- Aerospace Studies (AERO) (<https://catalog.unc.edu/courses/aero/>)

Professor

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

Assistant Professors

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

Juan Rodriguez, Captain, U.S. Air Force.

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. 711).

Code	Title	Hours
Core Requirements		
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	
Total Hours		14

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 diaspora 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. 113)

Minors

- African Studies Minor (p. 115)
- African American and Diaspora Studies Minor (p. 115)
- Human Development, Sustainability, and Rights in Africa and the African Diaspora Minor (p. 116)

Graduate Programs

- Ph.D. in Africana Studies (<https://catalog.unc.edu/graduate/schools-departments/african-american-diaspora-studies/#text>)
- M.A. in Africana Studies (<https://catalog.unc.edu/graduate/schools-departments/african-american-diaspora-studies/#text>)

Courses

- African, African-American, and Diaspora Studies (AAAD) (<https://catalog.unc.edu/courses/aaad/>)
- Chichewa (CHWA) (<https://catalog.unc.edu/courses/chwa/>)
- Lingala Language (LGLA) (<https://catalog.unc.edu/courses/lgla/>)
- Kiswahili (SWAH) (<https://catalog.unc.edu/courses/swah/>)
- Wolof Language (WOLO) (<https://catalog.unc.edu/courses/wolo/>)
- Yoruba Language (YORU) (<https://catalog.unc.edu/courses/yoru/>)

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.

Professors

Claude A. Clegg III, Kenneth Janke, Michael Lambert, LeRhonda Manigault-Bryant.

Associate Professors

Lydia Boyd, Brandi Brimmer, David Pier, Charlene Regeister, Eunice Sahle.

Assistant Professors

Maya Berry, Shakirah Hudani, Nadia Mosquera Muriel, Petal Samuel.

Teaching Associate Professors

Joseph Jordan, 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, Priscilla Layne, Lisa Lindsay, Chaitra Powell, Danielle Purifoy, Antonia Randolph, Victoria Rovine, Rebecka Rutledge Fisher, Tanya Shields, J. Michael Terry.

Contact Information

Department of African, African American, and Diaspora Studies

Visit Program Website (<http://aaad.unc.edu>)
104 Battle Hall, CB# 3395
(919) 966-5496

Chair

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cclegg@email.unc.edu

Director of Undergraduate Studies

Lydia Boyd
lcboyd@email.unc.edu

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 diaspora 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. 711).

Code	Title	Hours
Core Requirements		
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
Five additional AAAD courses. ¹		15
Total Hours		27

¹ First-year seminars do not count toward the major.

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 African, African American and Diaspora Studies Major. The following African language courses currently are offered:

Code	Title	Hours
Arabic:		
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
Chichewa:		
CHWA 401	Elementary Chichewa I	3
CHWA 402	Elementary Chichewa II	3

CHWA 403	 Intermediate Chichewa I	3
Lingala:		
LGLA 401	Elementary Lingala I	3
LGLA 402	 Elementary Lingala II	3
LGLA 403	 Intermediate Lingala III	3
LGLA 404	Intermediate Lingala IV	3
Kiswahili:		
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
Wolof:		
WOLO 401	Elementary Wolof I	3
WOLO 402	Elementary Wolof II	3
WOLO 403	 Intermediate Wolof III	3
WOLO 404	Intermediate Wolof IV	3
Yoruba:		
YORU 401	Elementary Yoruba I	3
YORU 402	Elementary Yoruba II	3
YORU 403	 Intermediate Yoruba III	3

¹ First-year seminars do not count toward the major.

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.

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. 113)

Minors

- African Studies Minor (p. 115)
- African American and Diaspora Studies Minor (p. 115)
- Human Development, Sustainability, and Rights in Africa and the African Diaspora Minor (p. 116)

Graduate Programs

- Ph.D. in Africana Studies (<https://catalog.unc.edu/graduate/schools-departments/african-american-diaspora-studies/#text>)
- M.A. in Africana Studies (<https://catalog.unc.edu/graduate/schools-departments/african-american-diaspora-studies/#text>)

Courses

- African, African-American, and Diaspora Studies (AAAD) (<https://catalog.unc.edu/courses/aaad/>)
- Chichewa (CHWA) (<https://catalog.unc.edu/courses/chwa/>)
- Lingala Language (LGLA) (<https://catalog.unc.edu/courses/l gla/>)
- Kiswahili (SWAH) (<https://catalog.unc.edu/courses/swah/>)
- Wolof Language (WOLO) (<https://catalog.unc.edu/courses/wolo/>)
- Yoruba Language (YORU) (<https://catalog.unc.edu/courses/yoru/>)

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.

Contact Information

Department of African, African American, and Diaspora Studies

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

104 Battle Hall, CB# 3395

(919) 966-5496

Chair

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Director of Undergraduate Studies

Lydia Boyd
lcboyd@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 diaspora 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. 711).

The undergraduate minor in African studies consists of 15 hours.

Code	Title	Hours
Core Requirements		
AAAD 101	 Introduction to Africa	3
Four additional AAAD courses at or above the 100 level whose last two digits are from 00 to 29. In addition students may substitute a course from the following list of courses outside that range:		12
AAAD 288	 Global Black Popular Cultures	
AAAD 391	 Human Development, Sustainability and Rights 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	
Total Hours		15

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

See program page here (p. 114) for special opportunities.

Department Programs

Major

- African, African American, and Diaspora Studies Major, B.A. (p. 113)

Minors

- African Studies Minor (p. 115)
- African American and Diaspora Studies Minor (p. 115)
- Human Development, Sustainability, and Rights in Africa and the African Diaspora Minor (p. 116)

Graduate Programs

- Ph.D. in Africana Studies (<https://catalog.unc.edu/graduate/schools-departments/african-american-diaspora-studies/#text>)
- M.A. in Africana Studies (<https://catalog.unc.edu/graduate/schools-departments/african-american-diaspora-studies/#text>)

Courses

- African, African-American, and Diaspora Studies (AAAD) (<https://catalog.unc.edu/courses/aaad/>)
- Chichewa (CHWA) (<https://catalog.unc.edu/courses/chwa/>)
- Lingala Language (LGLA) (<https://catalog.unc.edu/courses/l gla/>)
- Kiswahili (SWAH) (<https://catalog.unc.edu/courses/swah/>)
- Wolof Language (WOLO) (<https://catalog.unc.edu/courses/wolo/>)
- Yoruba Language (YORU) (<https://catalog.unc.edu/courses/yoru/>)

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.

Contact Information

Department of African, African American, and Diaspora Studies

Visit Program Website (<http://aaad.unc.edu>)
104 Battle Hall, CB# 3395
(919) 966-5496

Chair

Claude A. Clegg III
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Director of Undergraduate Studies

Lydia Boyd
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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 diaspora 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. 711).

Code	Title	Hours
Core Requirements		
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. In addition students may substitute a course from the following list of courses outside that range:		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, Sustainability and Rights 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	
Total Hours		15

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

See program page here (p. 114) for special opportunities.

Department Programs

Major

- African, African American, and Diaspora Studies Major, B.A. (p. 113)

Minors

- African Studies Minor (p. 115)
- African American and Diaspora Studies Minor (p. 115)
- Human Development, Sustainability, and Rights in Africa and the African Diaspora Minor (p. 116)

Graduate Programs

- Ph.D. in Africana Studies (<https://catalog.unc.edu/graduate/schools-departments/african-american-diaspora-studies/#text>)

- M.A. in Africana Studies (<https://catalog.unc.edu/graduate/schools-departments/african-american-diaspora-studies/#text>)

Courses

- African, African-American, and Diaspora Studies (AAAD) (<https://catalog.unc.edu/courses/aaad/>)
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- Lingala Language (LGLA) (<https://catalog.unc.edu/courses/lgla/>)
- Kiswahili (SWAH) (<https://catalog.unc.edu/courses/swah/>)
- Wolof Language (WOLO) (<https://catalog.unc.edu/courses/wolo/>)
- Yoruba Language (YORU) (<https://catalog.unc.edu/courses/yoru/>)

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.

Contact Information

Department of African, African American, and Diaspora Studies

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

104 Battle Hall, CB# 3395
(919) 966-5496

Chair

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Director of Undergraduate Studies

Lydia Boyd
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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. 711).

Code	Title	Hours
Core Requirements		
AAAD 391	 Human Development, Sustainability and Rights in Africa and the African Diaspora	3
Four additional courses from the list below, at least two of which must be AAAD classes: ¹		12
AAAD 239	 Disaster, Recovery, Resistance in Southern Black History	
AAAD 300	 Cultures of Health and Healing in Africa	
AAAD 316	 Sustainable Development: Emergence, Debates, and Dynamics in Africa	
AAAD 333	 Race and Public Policy in the United States	
AAAD 360	 Black Women's Struggles and Resistance in Latin America and the Caribbean	
AAAD 392	 Struggles to Shape the City	
AAAD 387	 HIV/AIDS in Africa and the Diaspora	
AAAD 403	 Human Rights: Theories and Practices in Africa	
AAAD 488	 Human Rights and Democracy in African Diaspora Communities	
AAAD 491	 Class, Race, and Inequality in America	
ANTH 320	Anthropology of Development	
ECON 101	 Introduction to Economics ^{H, F}	
ENEC 325	 Water Resource Management for Food, Energy, and Health ^H	
GEOG 268	 Geography of Africa	
GLBL 489	 Paradigms of Development and Social Change ^H	
HIST 340	 Ethics and Business in Africa ^H	
PLCY/ENEC 475	The Political Economy of Food ^H	
PLCY 485	Poverty, Health, and Human Development in Low Income Countries	
PLCY 662	Global Health and Human Rights	
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.

¹ Some courses are four (4) credit hours.

See program page here (p. 114) for special opportunities.

Department Programs

Major

- African, African American, and Diaspora Studies Major, B.A. (p. 113)

Minors

- African Studies Minor (p. 115)
- African American and Diaspora Studies Minor (p. 115)
- Human Development, Sustainability, and Rights in Africa and the African Diaspora Minor (p. 116)

Graduate Programs

- Ph.D. in Africana Studies (<https://catalog.unc.edu/graduate/schools-departments/african-american-diaspora-studies/#text>)
- M.A. in Africana Studies (<https://catalog.unc.edu/graduate/schools-departments/african-american-diaspora-studies/#text>)

Courses

- African, African-American, and Diaspora Studies (AAAD) (<https://catalog.unc.edu/courses/aaad/>)
- Chichewa (CHWA) (<https://catalog.unc.edu/courses/chwa/>)
- Lingala Language (LGLA) (<https://catalog.unc.edu/courses/lgla/>)
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- Wolof Language (WOLO) (<https://catalog.unc.edu/courses/wolo/>)
- Yoruba Language (YORU) (<https://catalog.unc.edu/courses/yoru/>)

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.

Contact Information

Department of African, African American, and Diaspora Studies

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

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(919) 966-5496

Chair

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Director of Undergraduate Studies

Lydia Boyd
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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 and Southern studies. The Department of American Studies has a tradition of vigorous teaching and an innovative curriculum that offers stimulating opportunities to study the diversity and influence of American peoples, institutions, expressions, 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 cultures 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 builds a solid basis for a variety of career choices, including public service, business, law, 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 have been accepted in law and business schools, which are interested in students with a critical, 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. 119)
- American Studies Major, B.A.–American Indian and Indigenous Studies Concentration (p. 120)

Minors

- American Studies Minor (p. 122)
- American Indian and Indigenous Studies Minor (p. 123)

Graduate Programs

- Ph.D. in American Studies (<https://catalog.unc.edu/graduate/schools-departments/american-studies/>)
- M.A. in Folklore (<https://catalog.unc.edu/graduate/schools-departments/american-studies/>)

- Graduate Minor in American Studies (<https://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)
- Graduate Minor in Folklore (<https://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

Courses

- American Studies (AMST) (<https://catalog.unc.edu/courses/amst/>)
- Cherokee (CHER) (<https://catalog.unc.edu/courses/cher/>)
- Folklore (FOLK) (<https://catalog.unc.edu/courses/folk/>)

Professors

Daniel Cobb, Amanda Cobb-Greetham, Elizabeth Engelhardt, Sharon Holland, Blair Kelley, Timothy Marr.

Associate Professors

Gabrielle Berlinger¹, Seth Kotch, Michelle Robinson, Patricia Sawin¹.

Assistant Professors

Kelly Alexander, Ben Bridges, Amanda Martinez, Soham Patel, 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), Philip Gura (English and Comparative Literature), Glenn D. Hinson (Anthropology)¹, Heidi Kim (English and Comparative Literature), Jocelyn Neal (Music)¹, Michael Palm (Communication), Eliza Richards (English and Comparative Literature), Jane Thrailkill (English and Comparative Literature), Timothy Tyson (Center for Documentary Studies at Duke), Ariana Vigil (Women's and Gender Studies).

¹ Core members of the Folklore program

Affiliated Faculty

Anna Agba-Davies (Anthropology), María DeGuzmán (English and Comparative Literature), Candace Epp-Robertson (English and Comparative Literature), Rebecka Rutledge Fisher (English and Comparative Literature), Juliane Hammer (Religion), Jillian Hindertliter (Women's and Gender Studies), Danielle Hiraldo (Director, American Indian Center), Jordynn Jack (English and Comparative Literature), Martin Johnson (English and Comparative Literature), Scott Kirsch (Geography), Valerie Lambert (Anthropology), Hasan Melehy (Romance Studies), Danielle Purifoy (Geography), John Sweet (History), Lindsey Taillie (Nutrition), Matthew Taylor (English and Comparative Literature), Katherine Turk (History), Benjamin Waterhouse (History), Harry Watson (History), Molly Worthen (History).

Professors Emeriti

Robert Allen, Marcie Cohen Ferris, William Ferris, Peter Filene, John Kasson, Joy Kasson, Daniel W. Patterson, Theda Perdue, Rachel Willis.

Contact Information

Department of American Studies

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

204 Greenlaw Hall, CB# 3520
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Chair

Patricia Sawin (fall semester)
sawin@unc.edu

Chair

Amanda Cobb-Greetham (spring semester)
acg@unc.edu

Director of Undergraduate Studies

Tim Marr
amstdus@unc.edu

American Studies Major, B.A.

The B.A. major in American studies provides stimulating opportunities to explore the diversity of America peoples, places, institutions, texts, and performances. Students investigate how American societies form and fragment over time, how dreams are envisioned and embodied, how narratives are constructed and contested, and how histories are written and rewritten. Our courses engage with a variety of historical, literary, artistic, political, economic, legal, social, cultural, racial, and ethnic situations within the United States and in broader global, international, and comparative perspectives.

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. 711).

The major in American studies consists of nine courses, with at least four courses numbered 200 or higher.

Code	Title	Hours
Core Requirements		
AMST 101	 This Place Called "America"	3
One of the following options:		3
AMST 102	 Myth and History in American Memory	
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	
FOLK 202	 Everyday Cultures: Folklore in America	
Seven additional elective courses selected from other AMST, FOLK, and CHER courses. ^{1, 2}		21
Additional Requirements		
Of the nine (9) total courses in the major, at least four (4) must be numbered 200 or higher		
Total Hours		27

¹ Not including AMST 396, AMST 493, AMST 691H, AMST 692H, FOLK 496, FOLK 691H, FOLK 692H.

² Up to three (3) Americanist courses offered outside the department, numbered 200 or higher, when approved by the Director of Undergraduate Studies.

American studies (AMST), Folklore (FOLK), and Cherokee (CHER) course descriptions (p.).

Special Opportunities in American Studies Honors in American Studies

The American Studies major offers students the opportunity to pursue research projects under the direction of outstanding faculty and to engage in a small, specially designated seminar with peers who are also writing theses. Students propose their thesis and contract with a faculty advisor during the semester prior to the beginning of their senior year. During their senior year, majors register for a thesis research seminar (AMST 691H) in the fall and enroll in an AMST 692H independent study seminar course with their faculty advisor in the spring. 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 semester and summer 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 academic conferences and at the Annual Celebration of Undergraduate Research each spring.

Department Programs

Majors

- American Studies Major, B.A. (p. 119)
- American Studies Major, B.A. – American Indian and Indigenous Studies Concentration (p. 120)

Minors

- American Studies Minor (p. 122)
- American Indian and Indigenous Studies Minor (p. 123)

Graduate Programs

- Ph.D. in American Studies (<https://catalog.unc.edu/graduate/schools-departments/american-studies/>)
- M.A. in Folklore (<https://catalog.unc.edu/graduate/schools-departments/american-studies/>)
- Graduate Minor in American Studies (<https://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)
- Graduate Minor in Folklore (<https://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

Courses

- American Studies (AMST) (<https://catalog.unc.edu/courses/amst/>)
- Cherokee (CHER) (<https://catalog.unc.edu/courses/cher/>)
- Folklore (FOLK) (<https://catalog.unc.edu/courses/folk/>)

Contact Information

Department of American Studies

Visit Program Website (<http://americanstudies.unc.edu>)
204 Greenlaw Hall, CB# 3520
(919) 962-5481

Chair

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Chair

Amanda Cobb-Greetham (spring semester)
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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. 711).

The concentration in American Indian and indigenous studies consists of nine courses.

Code	Title	Hours
Core Requirements		
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.		24
Total Hours		27

Electives

Code	Title	Hours
AMST FYS	First-Year Seminar ¹	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 ^H	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 ^H	3
ANTH 250	 Archaeology of North America ^H	3
ANTH 252	 Archaeology of Food	3
ANTH 406	 Native Writers	3
ANTH 451	 Field School in North American Archaeology ^H	6
ANTH 550	 Archaeology of the American South	3

ARTH 160	 Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica ^H	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 ^H	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

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ 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 students the opportunity to pursue research projects under the direction of outstanding faculty and to engage in a small, specially designated seminar with peers who are also writing theses. Students propose their thesis and contract with a faculty advisor during the semester prior to the beginning of their senior year. During their senior year, majors register for a thesis research seminar (AMST 691H) in the fall and enroll in an AMST 692H independent study seminar course with their faculty advisor in the spring. 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.

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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 semester and summer study abroad.

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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 academic conferences and at the Annual Celebration of Undergraduate Research each spring.

Department Programs

Majors

- American Studies Major, B.A. (p. 119)
- American Studies Major, B.A.–American Indian and Indigenous Studies Concentration (p. 120)

Minors

- American Studies Minor (p. 122)
- American Indian and Indigenous Studies Minor (p. 123)

Graduate Programs

- Ph.D. in American Studies (<https://catalog.unc.edu/graduate/schools-departments/american-studies/>)
- M.A. in Folklore (<https://catalog.unc.edu/graduate/schools-departments/american-studies/>)
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Courses

- American Studies (AMST) (<https://catalog.unc.edu/courses/amst/>)
- Cherokee (CHER) (<https://catalog.unc.edu/courses/cher/>)
- Folklore (FOLK) (<https://catalog.unc.edu/courses/folk/>)

Contact Information

Department of American Studies
Visit Program Website (<http://americanstudies.unc.edu>)
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Chair
Patricia Sawin (fall semester)
sawin@unc.edu

Chair
Amanda Cobb-Greetham (spring semester)
acg@unc.edu

Director of Undergraduate Studies
Tim Marr
amstdus@unc.edu

American Studies Minor







The five-course minor in American studies opens stimulating and flexible opportunities to explore the diversity of American peoples, places, traditions, institutions, expressions, and performances. Our courses engage with a variety of historical, literary, artistic, political, economic, legal, social, cultural, racial, and ethnic situations within the United States and in broader global, international, and comparative 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. 711).

The undergraduate minor in American studies consists of five courses in American studies.

Code	Title	Hours
Core Requirements		
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	

FOLK 202  Everyday Cultures: Folklore in AmericaThree additional elective courses selected from other AMST, FOLK, and CHER courses. ¹ 9**Total Hours** 15¹ Not including AMST 396, AMST 493, FOLK 496, AMST 691H, AMST 692H.

American Studies (AMST), Folklore (FOLK), and Cherokee (CHER) course descriptions (p.).

See program page here (p. 119) for special opportunities.

Department Programs

Majors

- American Studies Major, B.A. (p. 119)
- American Studies Major, B.A.–American Indian and Indigenous Studies Concentration (p. 120)

Minors

- American Studies Minor (p. 122)
- American Indian and Indigenous Studies Minor (p. 123)

Graduate Programs

- Ph.D. in American Studies (<https://catalog.unc.edu/graduate/schools-departments/american-studies/>)
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Director of Undergraduate Studies

Tim Marr
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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. 711).

The minor in American Indian and indigenous studies consists of five courses.

Code	Title	Hours
Core Requirements		
AMST/HIST 110	 Introduction to the Cultures and Histories of Native North America	3
Select four additional courses from the list below		12
Total Hours		15

Electives

Code	Title	Hours
AMST FYS	First-Year Seminar ¹	
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 ^H	3
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AMST 340	American Indian Art and Material Culture through Interdisciplinary Perspectives	3
AMST 341	 Digital Native America	3
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ANTH 252	 Archaeology of Food	3
ANTH 406	 Native Writers	3
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HIST/WGST 576	The Ethnohistory of Native American Women	3
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LING 560	Mesoamerican Languages and Linguistics	3
LING 561	Native Languages of the Americas	3
MAYA 401	Introduction to Yucatec Maya	3
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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

^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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Department Programs

Majors

- American Studies Major, B.A. (p. 119)
- American Studies Major, B.A. –American Indian and Indigenous Studies Concentration (p. 120)

Minors

- American Studies Minor (p. 122)
- American Indian and Indigenous Studies Minor (p. 123)

Graduate Programs

- Ph.D. in American Studies (<https://catalog.unc.edu/graduate/schools-departments/american-studies/>)
- M.A. in Folklore (<https://catalog.unc.edu/graduate/schools-departments/american-studies/>)
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- Graduate Minor in Folklore (<https://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

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- Cherokee (CHER) (<https://catalog.unc.edu/courses/cher/>)
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Contact Information

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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. 126)
- Medical Anthropology Major, B.A. (p. 128)

Minors

- General Anthropology Minor (p. 130)
- Heritage and Global Engagement Minor (p. 131)
- Medical Anthropology Minor (p. 132)

Graduate Programs

- Ph.D. in Anthropology (<https://catalog.unc.edu/graduate/schools-departments/anthropology/>)

Courses

- Anthropology (ANTH) (<https://catalog.unc.edu/courses/anth/>)

Professors

Benjamin Arbuckle, Rudi Colloredo-Mansfeld, Valerie Lambert, Paul W. Leslie, Patricia A. McAnany, Charles Price, Karla Slocum, Vincas P. Steponaitis, Colin Thor West, Amanda Thompson.

Associate Professors

Anna Agbe-Davies, Brian Billman, Jocelyn Chua, Glenn D. Hinson, Christopher T. Middleton, Christopher T. Nelson, Michele Rivkin-Fish, Jon Marcoux, Mark Sorensen, Angela Stuesse, Margaret J. Wiener.

Assistant Professors

Morgan Hoke, Caela O'Connell, Dafna Rachock, Melissa Salm.

Teaching Associate Professor

Martha King.

Teaching Assistant Professors

Rachel Briggs, Emily Curtin, Charles Hilton, Douglas Smit.

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

Florence Babb, Carole L. Crumley, Robert E. Daniels, Arturo Escobar, Dale L. Hutchinson, Norris B. Johnson, Donald M. Nonini, James L. Peacock, Peter Redfield, C. Margaret Scarry, Silvia Tomášková.

Contact Information

Department of Anthropology

Visit Program Website (<http://anthropology.unc.edu>)
301 Alumni Building, CB#3115
(919) 962-1243

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althomps@email.unc.edu

Associate Chair

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bsarbu@email.unc.edu

Director of Graduate Studies

Townsend Middleton
anthdgs@unc.edu

Director of Undergraduate Studies

Colin West
anthdus@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. 711).

Code	Title	Hours
Core Requirements		
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 237	 Food, Environment, and Sustainability	
ANTH 238	 Human Ecology of Africa	
ANTH 315	 Human Genetics and Evolution	
ANTH 318	 Human Growth and Development	
ANTH 319	 Global Health	
One course from archaeology chosen from the following list:		3
ANTH 72	 First-Year Seminar: Archaeology and Popular Culture	

ANTH 121	 Ancient Cities of the Americas	
ANTH 123	 Habitat and Humanity	
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 ^H	
ANTH 233	 Archaeology of Ancient Turkey	
ANTH 250	 Archaeology of North America ^H	
ANTH 252	 Archaeology of Food	
ANTH 409	 Curating Things	
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 101	 General Anthropology ^H	
ANTH 102	 Introduction to Cultural Anthropology	
ANTH 120	 Anthropology through Expressive Cultures	
ANTH 142	 Local Cultures, Global Forces ^H	
ANTH 147	 Comparative Healing Systems	
ANTH 202	 Everyday Cultures: Folklore in America	
ANTH 203	 Approaches to American Indian Studies	
ANTH 280	 Anthropology of War and Peace	
ANTH 284	 Culture and Consumption	
ANTH 330	 Melancholy Japan: Myth, Memory, and Everyday Life	
ANTH 331	 The Anthropology of Memory	
ANTH 361	Community in India and South Asia	
One theoretical perspectives course chosen from the following list (taken in the junior year): ¹		3
ANTH 291	 Archaeological Theory and Practice	
ANTH 294	 Anthropological Perspectives on Society and Culture	
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
Additional Requirements		
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 ^H	
ANTH 451	 Field School in North American Archaeology ^H	

ANTH 453 Field School in South American Archaeology^H

No more than three hours of coursework from the following list may be counted toward the major:

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 ^H
ANTH 691H	 Seniors Honors Project in Anthropology
ANTH 692H	 Senior Honors Thesis in Anthropology

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.

¹ 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. 126)
- Medical Anthropology Major, B.A. (p. 128)

Minors

- General Anthropology Minor (p. 130)
- Heritage and Global Engagement Minor (p. 131)
- Medical Anthropology Minor (p. 132)

Graduate Programs

- Ph.D. in Anthropology (<https://catalog.unc.edu/graduate/schools-departments/anthropology/>)

Courses

- Anthropology (ANTH) (<https://catalog.unc.edu/courses/anth/>)

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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. 711).

Code	Title	Hours
Core Requirements		
Select two foundational courses:		6
ANTH 53	 First-Year Seminar: Darwin's Dangerous Idea ^H	
ANTH 56	 First-Year Seminar: The Art of Healing, the Culture of Curing	
ANTH 104	 Introduction to Biocultural Medical Anthropology	
ANTH 147	 Comparative Healing Systems	
ANTH 270	 Living Medicine	
ANTH 319	 Global Health	
Select one research methods and experience courses (see list below)		3
Select six elective courses, apportioned in the following ways: ¹		18
At least one from the biological/ecological elective list (see below)		
At least one from the sociocultural elective list (see below)		














ANY Anthropology (ANTH) course can count for the remaining four electives. No more than two of the six courses can be at the 100-level or below

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.

¹ These courses can be taken at any time during the student's tenure at UNC. Students may count up to two (2) courses from outside the department that relate to the student's area of interest in medical anthropology with approval of the Anthropology Director of Undergraduate Studies (DUS).




Research Methods and Experiences


Code	Title	Hours
ANTH 204	 From Ayahuasca to Zolof: Anthropological Approaches to Drugs and Drug Use	3
ANTH 248	Anthropology and Public Interest	3
ANTH 318	 Human Growth and Development	3
ANTH 326	 Practicing Medical Anthropology	3
ANTH 341	 Anthropology of Fitness Culture	3
ANTH 389	 Special Topics in Medical Anthropology - Research Methods and Experiences	3
ANTH 393	 Internship in Anthropology ¹	1-12
ANTH 395	Research in Anthropology ^H	1-6
ANTH 396	Independent Reading or Study in Anthropology ^{1, H}	1-6
ANTH 414	 Laboratory Methods: Human Osteology	3
ANTH 419	 Anthropological Application of GIS	3
ANTH 430	 War, Medicine, and the Military	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 675	Ethnographic Method	3
ANTH 676	Research Methods in Human Biology	3
ANTH 691H	 Seniors Honors Project in Anthropology	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.


¹ 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 217	 Human Biology in Comparative Perspective	3

ANTH/ENEC 237	 Food, Environment, and Sustainability	3
ANTH 238	 Human Ecology of Africa	3
ANTH 252	 Archaeology of Food	3
ANTH 298	 Biological Anthropology Theory and Practice	3
ANTH 315	 Human Genetics and Evolution	3
ANTH 437	Evolutionary Medicine	3
ANTH 446	Poverty, Inequality, and Health	3
ANTH 471	Biocultural Perspectives on Maternal and Child Health	3
ANTH 623	Human Disease Ecology	3

Electives in Sociocultural Medical Anthropology

Code	Title	Hours
ANTH 214	 Medicine in the Arab World	3
ANTH 272/ ENGL 264	 Healing in Ethnography and Literature	3
ANTH 277	Gender and Culture	3
ANTH 278	 Women in Science	3
ANTH/PWAD 280	 Anthropology of War and Peace	3
ANTH 285	 Climate Change and Health	3
ANTH 294	 Anthropological Perspectives on Society and Culture	3
ANTH 320	Anthropology of Development	3
ANTH 325	 Emotions and Society	3
ANTH 328	 Anthropology of Care	3
ANTH 349	 Histories of Violence	3
ANTH 361	Community in India and South Asia	3
ANTH 390	Special Topics in Medical Anthropology	3
ANTH 405	 Mental Health, Psychiatry, and Culture	3
ANTH 422	Anthropology, Human Rights, and Humanitarianism	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
IDST 112I	 Death and Dying	3
IDST 124I	 Pandemics: Ethics, Literatures, and Cultures	3

Special Opportunities

See the program page here (p. 127) for special opportunities.

Department Programs

Major

- Anthropology Major, B.A. (p. 126)
- Medical Anthropology Major, B.A. (p. 128)

Minors

- General Anthropology Minor (p. 130)
- Heritage and Global Engagement Minor (p. 131)
- Medical Anthropology Minor (p. 132)

Graduate Programs

- Ph.D. in Anthropology (<https://catalog.unc.edu/graduate/schools-departments/anthropology/>)

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- Anthropology (ANTH) (<https://catalog.unc.edu/courses/anth/>)

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Colin West
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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. 711).

Code	Title	Hours
Core Requirements		
	Five three-hour anthropology (ANTH) courses taken in the department. ^{1, 2}	15
Total Hours		15

¹ A maximum of two courses may be numbered below 200.

² 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) (<https://catalog.unc.edu/courses/anth/>) courses.

Students planning on a minor in anthropology should inform the department's director of undergraduate studies.

See the program page here (p. 127) for special opportunities.

Department Programs

Major

- Anthropology Major, B.A. (p. 126)
- Medical Anthropology Major, B.A. (p. 128)

Minors

- General Anthropology Minor (p. 130)
- Heritage and Global Engagement Minor (p. 131)
- Medical Anthropology Minor (p. 132)

Graduate Programs

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Courses

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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. 711).

Code	Title	Hours
Core Requirements		
Select five (5) courses from the following list. At least one course must involve engaged anthropological research. ¹		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 ^H	
ANTH 62	 First-Year Seminar: Indian Country Today	
ANTH 63	 First-Year Seminar: The Lives of Others: Exploring Ethnography ¹	
ANTH 64	 First-Year Seminar: Public Archaeology in Bronzeville, Chicago's Black Metropolis	
ANTH 120	Anthropology through Expressive Cultures	
ANTH 121	 Ancient Cities of the Americas	
ANTH 142	 Local Cultures, Global Forces ^{1, H}	
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 ^H	
ANTH 233	 Archaeology of Ancient Turkey	
ANTH 240	Action Research ¹	
ANTH 248	Anthropology and Public Interest ¹	
ANTH 250	 Archaeology of North America ^H	
ANTH 252	 Archaeology of Food	
ANTH 259	Culture and Identity ¹	
ANTH 284	 Culture and Consumption ¹	
ANTH 330	 Melancholy Japan: Myth, Memory, and Everyday Life	
ANTH 331	 The Anthropology of Memory ¹	
ANTH 356	 Artisans and Global Culture: Economic, Historical, Experiential, and Cross-Cultural Dimensions ^{1, H}	
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 ¹	
ANTH 429	 Culture and Power in Southeast Asia	
ANTH 445	 Migration and Health ¹	
ANTH 452	The Past in the Present	
ANTH 454	The Archaeology of African Diasporas	

ANTH 461	Colonialism and Postcolonialism: History and Anthropology ¹
ANTH 477	Visual Anthropology
ANTH 550	 Archaeology of the American South
ANTH 625	 Ethnography and Life Stories ¹
ANTH 674	 Issues in Cultural Heritage ¹
<hr/>	
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.

¹ Courses involving engaged anthropological research.

Special Opportunities

See the program page here (p. 127) 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. 126)
- Medical Anthropology Major, B.A. (p. 128)

Minors

- General Anthropology Minor (p. 130)
- Heritage and Global Engagement Minor (p. 131)
- Medical Anthropology Minor (p. 132)

Graduate Programs

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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. 711).

Code	Title	Hours
Core Requirements		
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 53	 First-Year Seminar: Darwin's Dangerous Idea ^{1, H}	
ANTH 56	 First-Year Seminar: The Art of Healing, the Culture of Curing ¹	
ANTH 104	 Introduction to Biocultural Medical Anthropology	
ANTH 143	Human Evolution and Adaptation	
ANTH 147	 Comparative Healing Systems	
ANTH 148	 Human Origins	
ANTH 151	 Anthropological Perspectives on Food and Culture	
ANTH 204	 From Ayahuasca to Zolof: Anthropological Approaches to Drugs and Drug Use	
ANTH 214	 Medicine in the Arab World	
ANTH 217	 Human Biology in Comparative Perspective	
ANTH 237	 Food, Environment, and Sustainability	
ANTH 238	 Human Ecology of Africa	
ANTH 252	 Archaeology of Food	
ANTH 270	 Living Medicine	
ANTH 272	 Healing in Ethnography and Literature	
ANTH 277	Gender and Culture	

ANTH 278	 Women in Science
ANTH 280	 Anthropology of War and Peace
ANTH 285	 Climate Change and Health
ANTH 294	 Anthropological Perspectives on Society and Culture
ANTH 298	 Biological Anthropology Theory and Practice
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 328	 Anthropology of Care
ANTH 341	 Anthropology of Fitness Culture
ANTH 349	 Histories of Violence
ANTH 361	Community in India and South Asia
ANTH 389	 Special Topics in Medical Anthropology - Research Methods and Experiences
ANTH 390	Special Topics in Medical Anthropology
ANTH 405	 Mental Health, Psychiatry, and Culture
ANTH 414	 Laboratory Methods: Human Osteology
ANTH 422	Anthropology, Human Rights, and Humanitarianism
ANTH 423	Written in Bone: CSI and the Science of Death Investigation from Skeletal Remains
ANTH 426	Making Magic
ANTH 430	 War, Medicine, and the Military
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 582	 Fieldwork with Social Models of Well-Being
ANTH 585	Anthropology of Science
ANTH 623	Human Disease Ecology
ANTH 624	 Anthropology and Public Health

ANTH 625  Ethnography and Life Stories

ANTH 649 Politics of Life and Death

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.

¹ Restricted to first-year students only.

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>).

See the program page here (p. 127) for special opportunities.

Department Programs

Major

- Anthropology Major, B.A. (p. 126)
- Medical Anthropology Major, B.A. (p. 128)

Minors

- General Anthropology Minor (p. 130)
- Heritage and Global Engagement Minor (p. 131)
- Medical Anthropology Minor (p. 132)

Graduate Programs

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Director of Undergraduate Studies

Colin West

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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 department houses an undergraduate major in applied sciences, an undergraduate minor in applied sciences and engineering, and a doctoral graduate program in materials science. APS is also home to BeAM (<https://beam.unc.edu>) (Be A Maker), the UNC network of makerspaces.

Minor

- Applied Sciences Major, B.S. (p. 135)
- Applied Sciences and Engineering Minor (p. 138)

Graduate Programs

- Ph.D. in Materials Science (<https://catalog.unc.edu/graduate/schools-departments/applied-physical-sciences/#programtext>)

Courses

- Applied Sciences (APPL) (<https://catalog.unc.edu/courses/appl/>)
- Material Science (MTSC) (<https://catalog.unc.edu/courses/mtsc/>)

For additional course information and to view sample syllabi, see the department website (<https://aps.unc.edu/coursework/>).

Professors

Theo J. Dingemans, High-Performance Polymers and (Nano)composites

Jinsong Huang, Perovskite Solar Cells, Photodetectors, X-ray Imaging, Radiation Detectors, Electronic Devices

Rene Lopez (Physics and Astronomy), Optical Materials, Photonic Structures, Photovoltaics

Richard Superfine, Biological Physics, Soft Matter, Biomedical Device Technologies

Associate Professors

Ronit Freeman, Development of Novel Designer Materials Using Self-Assembling Biological Components

Daphne Klotz, Computational Soft and Active Matter

Nico Pegard, Computational Optics, Imaging Systems, Optical Instrumentation and Digital Interfaces for Systems Biology and Neuroscience

Assistant Professors

Wubin Bai, Bioelectronics, Soft Materials, Advanced Manufacturing, Microsystems, Electronic Materials, Photonic Materials, and Biomaterials

Ehssan Nazockdast, Modeling/Simulation of Biophysical Phenomena

Youhong (Nancy) Guo, Materials Science and Engineering, Separation Processes, Renewable Energy Harvesting and Utilization, Advanced Manufacturing

Teaching Associate Professor

Richard Goldberg, Assistive Technology, Rehabilitation Engineering, Engineering Education

Teaching Assistant Professor

Alexis Gillmore, Engineering Education, Epistemology, Design, Soil Biogeochemistry

Professors of the Practice

Dedric Carter, Vice Chancellor, Innovation, Entrepreneurship and Economic Development and Chief Innovation Officer, Systems Applications to Technical, Business and Policy Issues with an Emphasis on the Entrepreneurial Process, Innovation and New Venture Creation

Glenn Walters, Instrumentation for Innovation, BeAM Design and Innovation Hub, Engineering Education

Affiliated Faculty

James Cahoon (Chemistry), Nanoparticle Synthesis and Characterization
Praneeth Chakravarthula (Computer Science), Optics, Perception, Graphics, Optimization, Machine Learning

Orlando Coronell (Environmental Sciences and Engineering), Wet Chemistry, Polymer Synthesis, Membrane Systems

Greg Forest (Mathematics), Flow and Structure of Complex Polymeric Fluids

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 Sciences 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), 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

Contact Information

Department of Applied Physical Sciences

Visit Program Website (<https://aps.unc.edu/undergraduate-major/>)
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(919) 843-5150

Chair

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Rich Goldberg
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Director of Graduate Studies

Rene Lopez
rln@email.unc.edu

Applied Sciences, B.S.

As a Carolina engineering student, you'll build the fundamentals to become a modern problem solver. It's your chance to explore and work with the latest future-focused solutions, materials and technologies of today—while building the fundamentals you'll need to one day design possibilities not yet imagined. And because you'll earn this degree while immersed in the University's wider liberal arts environment, you gain more than excellent technical skills. You'll also hone the creative, critical thinking and analytical skills you need to address complicated challenges that are both pressing and practical.

This program is unique collaboration between the Department of Applied Physical Sciences (APS) in the College of Arts and Sciences and the Department of Environmental Sciences and Engineering (ESE) in the Gillings School of Global Public Health. APS is the home department for the major and all students will take their foundational engineering classes in APS. For the upper level engineering tracks, students in the materials engineering track will take classes in APS, and students in the Environmental Engineering track will take classes in ESE.






Admissions

Students may declare the Applied Sciences major as early as their first year. However, students who wish to complete the Applied Sciences major must apply for admission to the program. Admission to the university does not guarantee admission to the program.

Students will apply via a standard application that requests biographical information and an essay. The admissions committee will also seek academic records through the close of the semester, course data from required departmental courses, and any other information available on your contributions to the University community.

There are admissions deadlines each December and May. Students should apply by the Fall semester of their sophomore year at the latest. Please visit our website for more details on the application process.

Students will need to complete the following prerequisite or corequisite math and science courses during or before the semester that they apply for admission. These courses are similar to what students take for other STEM majors in the first year:

Code	Title	Hours
CHEM 101	 General Descriptive Chemistry I ^{1, H, F}	3
CHEM 101L	 Quantitative Chemistry Laboratory I ¹	1
MATH 231	 Calculus of Functions of One Variable I ^{1, H, F}	4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{1, H, F}	4
ENGL 105	 English Composition and Rhetoric	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.

¹ With a grade of C or better. AP, IB, or transfer credit will be accepted according to university policies.

Advising

First-year students receive advising through the UNC Advising Office. Once admitted to the program, students will be assigned to an academic advisor who is a faculty member in the Department of Applied Physical Sciences.

Student Learning Objectives

Upon completion of the applied sciences (B.S.) program, students should be able to:












1. Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. 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.
3. Communicate effectively with a range of audiences.
4. Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. Acquire and apply new knowledge as needed, using appropriate learning strategies.

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. 711).

Code	Title	Hours
Core Requirements		
APPL 101	 Exploring Engineering	3
APPL 110	 Design and Making for Engineers: Developing Your Personal Design Potential ^F	3
COMP 110 or COMP 116	 Introduction to Programming ^H Introduction to Scientific Programming	3
APPL 240	Electronics from Sensors to Indicators: Circuits that Interact with the Physical World	4
APPL 260	Materials Science and Engineering: Living in a Material World	4
APPL 285	Engineering Fundamentals of Force, Motion, and Energy	4
APPL 385	Thermodynamics for Engineers	4
Select one of the following tracks:		15-16
Environmental Engineering Track (16 credits), see details below		
Materials Engineering Track (15 credits), see details below		
APPL 697	Capstone Design I (pending approval)	3
APPL 698	Capstone Design II (pending approval)	3
Additional Requirements		
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
MATH 383 & 383L	First Course in Differential Equations and First Course in Differential Equations Laboratory ^H	4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
Total Hours		78-79

^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.

ECON 101 is recommended, but not required.

Environmental Engineering Track

Code	Title	Hours
ENVR 205 & 205L	Engineering Tools for Environmental Problem Solving and Engineering for Environmental Problem Solving: Advanced Problems Lab	4

Choose one foundational environmental engineering course:		3
ENVR 419	Chemical Equilibria in Natural Waters	
ENVR 421	Environmental Health Microbiology	
ENVR 548	Sustainable Energy Systems	
ENVR 675	Air Pollution, Chemistry, and Physics	
Choose one modelling course:		3
ENVR 451	Introduction to Environmental Modeling	
ENVR 453	Groundwater Hydrology	
ENVR 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	
ENVR 635	Energy Modeling for Environment and Public Health	
ENVR 730	Computational Toxicology and Exposure Science	
Choose two process engineering courses:		6
ENVR 656	Physical/Chemical Processes for Water Treatment	
ENVR 710	Environmental Process Biotechnology	
ENVR 755	Analysis of Water Resource Systems	

Total Hours **16**

Materials Engineering Track




Code	Title	Hours
APPL 4--	Materials Characterization (pending approval)	3
APPL 462	Engineering Materials: Properties, Selection and Design	3
Choose three advanced materials engineering courses. These courses can come from a combination of one or both categories:		9
APPL 430	Optoelectronics from Materials to Devices ¹	
APPL 435	Nanophotonics ¹	
APPL 463	Bioelectronic Materials ¹	
APPL 465	Engineering of Soft Materials: SpongeBob Squarepants and Other Squishy Things ²	
APPL 467	Materials Design for Biomedicine ²	

¹ Electronics and optics








² Soft materials

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
First Year		
First-Year Foundation & Gen Ed Courses		
First-Year Seminar or First-Year Launch (p. 640)		3
ENGL 105	 English Composition and Rhetoric	3
IDST 101	 College Thriving	1
IDST 111L	 Data Literacy Lab	1

Major courses**FALL semester**



APPL 110	 Design and Making for Engineers: Developing Your Personal Design Potential ^F	3
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
SPRING semester		
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
APPL 101	 Exploring Engineering	3

Hours 30

Sophomore Year**Major courses****FALL semester**

CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
APPL 285	Engineering Fundamentals of Force, Motion, and Energy	4
Gen Ed #1		3

SPRING semester

PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
APPL 240	Electronics from Sensors to Indicators: Circuits that Interact with the Physical World	4
APPL 260	Materials Science and Engineering: Living in a Material World	4
COMP 110	 Introduction to Programming ^H	3

Hours 30

Junior Year**Major courses & General Education courses****FALL semester**

MATH 383 & 383L	First Course in Differential Equations and First Course in Differential Equations Laboratory ^H	4
APPL 385	Thermodynamics for Engineers	4
T1 Track Gateway	Note that T1 is 4 credit hours in the Env Eng track and 3 credit hours in the Mat Eng track	4
Lifetime Fitness (p. 708)		1
Gen Ed #2		3

SPRING semester

T2 Track course #2		3
T3 Track course #3		3
Gen Ed #3		3
Gen Ed #4		3
Elective		3

Hours 31

Senior Year**Major courses, General Education courses & Electives****FALL semester**

T4 Track course #4	3
APPL 697 Capstone Design I	3
Gen Ed #5	3
Gen Ed #6	3
Elective	3

SPRING semester

T5 Track course #5	3
APPL 698 Capstone Design II	3
Gen Ed #7	3
Electives	5

Hours 29

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.

Department Programs

Minor

- Applied Sciences Major, B.S. (p. 135)
- Applied Sciences and Engineering Minor (p. 138)

Graduate Programs

- Ph.D. in Materials Science (<https://catalog.unc.edu/graduate/schools-departments/applied-physical-sciences/#programtext>)

Courses

- Applied Sciences (APPL) (<https://catalog.unc.edu/courses/appl/>)
- Material Science (MTSC) (<https://catalog.unc.edu/courses/mtsc/>)

For additional course information and to view sample syllabi, see the department website (<https://aps.unc.edu/coursework/>).

Contact Information

Department of Applied Physical Sciences

Visit Program Website (<https://aps.unc.edu/undergraduate-major/>)
1129 Murray Hall, CB# 3050
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Director of Undergraduate Studies

Rich Goldberg
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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. 711).

Prerequisite Courses

Code	Title	Hours
Prerequisite Courses		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{H, F}	4
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
Select one:		4
PHYS 114	General Physics I: For Students of the Life Sciences ^F	
PHYS 118	Introductory Calculus-based Mechanics and Relativity ^{H, F}	
Select one:		4
PHYS 115	General Physics II: For Students of the Life Sciences ^F	
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta ^{1, H, F}	

COMP 110	Introduction to Programming and Data Science ^H	3
or COMP 116	Introduction to Scientific Programming	

Total Hours 23

- ^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.

¹ 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
Core Requirements		
APPL 101	Exploring Engineering	3
APPL 110	Design and Making for Engineers: Developing Your Personal Design Potential ^F	3
Select one course from the following list:		3-4
APPL 240	Electronics from Sensors to Indicators: Circuits that Interact with the Physical World	
APPL 260	Materials Science and Engineering: Living in a Material World	
APPL 285	Engineering Fundamentals of Force, Motion, and Energy	
APPL 385	Thermodynamics for Engineers	
PHYS 231	Physical Computing ^H	
ENVR 205	Engineering Tools for Environmental Problem Solving	
Select two engineering topic courses from the list below.		6
Total Hours		15-16

^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
Applied Physical Sciences		
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	Optoelectronics from Materials to Devices	3
APPL 435	Nanophotonics	3
APPL 462	Engineering Materials: Properties, Selection and Design	3
APPL 463	Bioelectronic Materials	3
APPL 465	Engineering of Soft Materials: SpongeBob Squarepants and Other Squishy Things	3
Biology		
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
Chemistry		
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 470	Fundamentals of Materials Science	3
CHEM/PHYS 472	Chemistry and Physics of Electronic Materials Processing	3
Computer Science		
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 ^H	3
COMP 581	Introduction to Robotics ^H	3
Earth, Marine, and Environmental Science		
EMES 415	Environmental Systems Modeling	3
EMES 560	Fluid Dynamics	3
EMES 561	Time Series and Spatial Data Analysis	3
Environmental Sciences and Engineering		
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
Mathematics		
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
Neurosciences (restricted to NSCI minors and majors)		
NSCI 421	Principles of Brain Circuits	3
NSCI 423	Cellular and Molecular Neurotechnology	3
Physics		
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/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

^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 Programs

Minor

- Applied Sciences Major, B.S. (p. 135)
- Applied Sciences and Engineering Minor (p. 138)

Graduate Programs

- Ph.D. in Materials Science (<https://catalog.unc.edu/graduate/schools-departments/applied-physical-sciences/#programtext>)

Courses

- Applied Sciences (APPL) (<https://catalog.unc.edu/courses/appl/>)
- Material Science (MTSC) (<https://catalog.unc.edu/courses/mtsc/>)

For additional course information and to view sample syllabi, see the department website (<https://aps.unc.edu/coursework/>).

Contact Information

Department of Applied Physical Sciences

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Director of Graduate Studies

Rene Lopez
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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 "Contacts" tab 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. 140)

Minor

- Archaeology Minor (p. 143)

Courses

- Archaeology (ARCH) (<https://catalog.unc.edu/courses/arch/>)

Adjunct Professors

Benjamin Arbuckle, Donald C. Haggis, Jodi Magness, Patricia M. McAnany, David Mora-Marín, 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.

Adjunct Assistant Teaching Professors

Rachel Briggs, Douglas Smit.

Professors Emeriti

Carole L. Crumley, R.P. Stephen Davis Jr., Dale Hutchinson, C. Margaret Scarry, Laurie Cameron Steponaitis, Mary C. Sturgeon.

Contact Information

Department of Archaeology

Visit Program Website (<http://archaeology.sites.unc.edu/home/ca/>)
108 Alumni Building, CB# 3120
(919) 962-6574

Chair

Jon Marcoux

Director of Undergraduate Studies

Rachel Briggs
rvbriggs@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. 711).

Code	Title	Hours
Core Requirements		
One course in archaeological method and theory:		3
ANTH 220	 Principles of Archaeology	
ANTH 291	 Archaeological Theory and Practice	
CLAR 411	Method and Theory in Classical Archaeology	
Two courses in archaeological practice:		6-10
One must be a laboratory course:		
CLAR 270	 Quantifying the Past: Big Data and Big Questions in Classical Archaeology	
ANTH 409	 Curating Things	
ANTH 410	The Identification and Analysis of Historical Artifacts	
ANTH 411	 Laboratory Methods in Archaeology ^H	
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 ^H	
ANTH 453	Field School in South American Archaeology ^H	
CLAR 650	Field School in Classical Archaeology	
Six courses from the list below; must include offerings from at least two departments ¹		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 60	 First-Year Seminar: Crisis & Resilience: Past and Future of Human Societies ^H
ANTH 64	 First-Year Seminar: Public Archaeology in Bronzeville, Chicago's Black Metropolis
ANTH 65	 First-Year Seminar: Humans and Animals: Anthropological Perspectives
ANTH 72	 First-Year Seminar: Archaeology and Popular Culture
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 151	 Anthropological Perspectives on Food and Culture
ANTH 222	 Prehistoric Art
ANTH 231	 The Inca and Their Ancestors: The Archaeology of Andean South America
ANTH 232	 Ancestral Maya Civilizations ^H
ANTH 233	 Archaeology of Ancient Turkey
ANTH 235	 Origins of Civilization: Archaeology of the British Museum
ANTH 250	 Archaeology of North America ^H
ANTH 252	 Archaeology of Food
ANTH 277	Gender and Culture
ANTH 349	 Histories of Violence
ANTH 409	 Curating Things
ANTH 410	The Identification and Analysis of Historical Artifacts
ANTH 411	 Laboratory Methods in Archaeology ^H
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
ANTH 419	 Anthropological Application of GIS
ANTH 420	Public Archaeology

ANTH/EMES 421	Archaeological Geology
ANTH 423	Written in Bone: CSI and the Science of Death Investigation from Skeletal Remains
ANTH 425	 Public Archaeology Practicum
ANTH 454	The Archaeology of African Diasporas
ANTH 457	Perspectives in Historical Archaeology
ANTH/ENEC 460	Historical Ecology
ANTH/WGST 458	 Archaeology of Sex and Gender
ANTH 535	 The Archaeology of Health and Well-Being
ANTH 538	Disease and Discrimination in Colonial Atlantic America
ANTH 550	 Archaeology of the American South
ANTH 551	Origins of Agriculture in the Ancient World
ANTH 651	Identity, Memory, and the Afterlife: The Space and Place of Death
ANTH 674	 Issues in Cultural Heritage
ARCH 395	Research in Archaeology
ARCH 396	Independent Study in Archaeology
CLAR 50	 First-Year Seminar: Art in the Ancient City ^H
CLAS 62	 First-Year Seminar: Bandits, Barbarians, and Rebels in the Ancient Mediterranean
CLAR 115	 Life in the Roman Army
CLAR 248	 Italy Before the Romans
CLAR/JWST/RELI 110	 The Archaeology of Palestine in the New Testament Period
CLAR 120	 Ancient Mediterranean, Egyptian, and Near Eastern Archaeology ^H
CLAR 190	Special Topics in Classical Archaeology
CLAR 200	 Art and Fashion from Rome to Timbuktu
CLAR 210	 The Archaeology of Warfare in the Ancient World
CLAR 241	Art and Archaeology of the Ancient Near East
CLAR 242	 Egyptian Art and Archaeology
CLAR 243	 Minoans and Mycenaeans: The Archaeology of Bronze Age Greece
CLAR 244	 Greek Art and Archaeology
CLAR 247	 Roman Art and Archaeology
CLAR 250	 Who Owns the Past?: Archaeology, Ethics, and Politics ^H
CLAR 268	 Hellenistic Art and Archaeology (350-31 BCE)
CLAR 270	 Quantifying the Past: Big Data and Big Questions in Classical Archaeology
CLAR 374	 The Archaeology of Death
CLAR/RELI 375	Archaeology of Cult
CLAR 380	 Life and Art in Ancient Pompeii
CLAR 396	Independent Study in Classical Archaeology

ARTH 461	Greek Sculpture
CLAR/ARTH 464	Greek Architecture
CLAR/ARTH 465	 Roman Architecture
CLAR/ARTH 474	 Roman Sculpture
CLAR 475	 Provinces and Frontiers of the Roman Empire
CLAR/ARTH 476	 Roman Painting
CLAR 480	 Egypt after the Pharaohs
CLAR 482	 Art and Archaeology of Achaemenid Persia
CLAR 491	The Archaeology of Early Greece (1200-500 BCE)
CLAR 492	 Archaeology of Greek Sanctuaries
CLAR/JWST/RELI 512	 Ancient Synagogues
HIST 106	 Ancient History
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

Total Hours **27-31**

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ 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. 140)

Minor

- Archaeology Minor (p. 143)

Courses

- Archaeology (ARCH) (<https://catalog.unc.edu/courses/arch/>)

Contact Information

Department of Archaeology

Visit Program Website (<http://archaeology.sites.unc.edu/home/ca/>)
108 Alumni Building, CB# 3120
(919) 962-6574

Chair

Jon Marcoux

Director of Undergraduate Studies

Rachel Briggs
rvbriggs@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. 711).

Code	Title	Hours
Core Requirements		
Five courses from at least two departments from the following list (no more than one of which is a field school): ^{1, 2, 3}		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 64	 First-Year Seminar: Public Archaeology in Bronzeville, Chicago's Black Metropolis	
ANTH 65	 First-Year Seminar: Humans and Animals: Anthropological Perspectives	
ANTH 72	 First-Year Seminar: Archaeology and Popular Culture	
ANTH 121	 Ancient Cities of the Americas	

ANTH 123	 Habitat and Humanity	ANTH/ENEC 460	Historical Ecology
ANTH 144	Archaeology and the Media	ANTH 535	 The Archaeology of Health and Well-Being
ANTH 145	 Introduction to World Prehistory	ANTH 550	 Archaeology of the American South
ANTH 148	 Human Origins	ANTH 551	Origins of Agriculture in the Ancient World
ANTH 149	 Great Discoveries in Archaeology	CLAR 50	 First-Year Seminar: Art in the Ancient City ^H
ANTH 151	 Anthropological Perspectives on Food and Culture	CLAS 62	 First-Year Seminar: Bandits, Barbarians, and Rebels in the Ancient Mediterranean
ANTH 220	 Principles of Archaeology	CLAR/JWST/RELI 110	 The Archaeology of Palestine in the New Testament Period
ANTH 222	 Prehistoric Art	CLAR 115	 Life in the Roman Army
ANTH 232	 Ancestral Maya Civilizations ^H	CLAR 120	 Ancient Mediterranean, Egyptian, and Near Eastern Archaeology ^H
ANTH 233	 Archaeology of Ancient Turkey	CLAR/ARTH 200	 Art and Fashion from Rome to Timbuktu
ANTH 235	 Origins of Civilization: Archaeology of the British Museum	CLAR 210	 The Archaeology of Warfare in the Ancient World
ANTH 250	 Archaeology of North America ^H	CLAR 241	Art and Archaeology of the Ancient Near East
ANTH 252	 Archaeology of Food	CLAR/ARTH 242	 Egyptian Art and Archaeology
ANTH 277	Gender and Culture	CLAR 243	 Minoans and Mycenaeans: The Archaeology of Bronze Age Greece
ANTH 291	 Archaeological Theory and Practice	CLAR 244	 Greek Art and Archaeology
ANTH 303	 Native Languages of the Americas	CLAR/ARTH 247	 Roman Art and Archaeology
ANTH 349	 Histories of Violence	CLAR 248	 Italy Before the Romans
ANTH 409	 Curating Things	CLAR 250	 Who Owns the Past?: Archaeology, Ethics, and Politics ^H
ANTH 410	The Identification and Analysis of Historical Artifacts	CLAR 268	 Hellenistic Art and Archaeology (350-31 BCE)
ANTH 411	 Laboratory Methods in Archaeology ^H	CLAR 270	 Quantifying the Past: Big Data and Big Questions in Classical Archaeology
ANTH 412	Paleoanthropology	CLAR 374	 The Archaeology of Death
ANTH 413 & 413L	 Laboratory Methods: Archaeobotany and Archaeobotany Lab	CLAR 375	Archaeology of Cult
ANTH 414 & 414L	 Laboratory Methods: Human Osteology and Human Osteology Lab	CLAR 380	 Life and Art in Ancient Pompeii
ANTH 415 & 415L	 Laboratory Methods: Zooarchaeology and Zooarchaeology Lab	CLAR 396	Independent Study in Classical Archaeology
ANTH 416	 Bioarchaeology	CLAR 411	Method and Theory in Classical Archaeology
ANTH 417 & 417L	Laboratory Methods: Lithic Seminar and Lithic Analysis Lab	ARTH 461	Greek Sculpture
ANTH 418	 Laboratory Methods: Ceramic Analysis	CLAR/ARTH 464	Greek Architecture
ANTH 419	 Anthropological Application of GIS	CLAR/ARTH 465	 Roman Architecture
ANTH 420	Public Archaeology	CLAR/ARTH 474	 Roman Sculpture
ANTH/EMES 421	Archaeological Geology	CLAR 475	 Provinces and Frontiers of the Roman Empire
ANTH 423	Written in Bone: CSI and the Science of Death Investigation from Skeletal Remains	CLAR/ARTH 476	 Roman Painting
ANTH 425	 Public Archaeology Practicum	CLAR 480	 Egypt after the Pharaohs
ANTH 451	 Field School in North American Archaeology ^{1, H}	CLAR/ARTH 482	 Art and Archaeology of Achaemenid Persia
ANTH 453	Field School in South American Archaeology ^{1, H}	CLAR 491	The Archaeology of Early Greece (1200-500 BCE)
ANTH 454	The Archaeology of African Diasporas		
ANTH 457	Perspectives in Historical Archaeology		
ANTH/WGST 458	 Archaeology of Sex and Gender		

CLAR 492	 Archaeology of Greek Sanctuaries
CLAR/JWST/ RELI 512	 Ancient Synagogues
CLAR 650	Field School in Classical Archaeology ¹
HIST 106	 Ancient History
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
<hr/>	
Total Hours	15-18

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ No more than one field school course may be used for the minor.

² Three of the courses must be numbered 200 or above.

³ Courses must come from at least two different departments.

See program page here (p. 142) for special opportunities.

Department Programs

Major

- Archaeology Major, B.A. (p. 140)

Minor

- Archaeology Minor (p. 143)

Courses

- Archaeology (ARCH) (<https://catalog.unc.edu/courses/arch/>)

Contact Information

Department of Archaeology

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108 Alumni Building, CB# 3120

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Chair

Jon Marcoux

Director of Undergraduate Studies

Rachel Briggs

rvbriggs@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

Students who pass the AP portfolio exam for Art 2-D or Art 3-D with a score of 3 receive three hours of ARTS elective credit. An AP score of 4 or 5 on the Art 2-D or Art 3-D receives credit for ARTS 102, and ARTS 103, respectively. Students earning a score of 4 or higher on the IB portfolio receive credit for ARTS 104.

Advanced Placement by Portfolio Review

Art majors who have not pursued AP or IB coursework in high school yet 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. 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 curricular opportunities or changes affect 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. For issues too complex for email communication, general advising sessions are scheduled before registration. Students are strongly encouraged to attend these sessions, as they often address questions of broad relevance.

Additionally, special information sessions are held periodically to provide guidance on awards and scholarship opportunities, study abroad programs, internships, and research opportunities. These include the Summer Undergraduate Research Fellowships (SURF), the Allcott Travel Fellowship, Studio Art Scholarship opportunities, and Pearman grants, among others. Announcements for these sessions are shared via the majors' listserv and posters in the Hanes Art Center and Art Lab. Detailed information and application procedures are available on the department website.

Course Enrollment and Audit Policies

Studio Art

During the fall and spring registration periods, enrollment in studio art (ARTS) courses is temporarily restricted to declared studio art majors and minors to ensure they can complete their degree requirements on time. Students outside the studio art program may enroll only after the restriction period ends — no exceptions. To check restriction dates, refer to the "Notes" section in ConnectCarolina under ARTS course listings.

Enrollment restrictions do not apply to the following ARTS courses:

- Honors courses
- First-Year Seminars

Auditing Policy

Due to the participatory nature of studio courses, limited classroom space, and potential safety hazards, auditing ARTS courses by current students or community members is not permitted. However, prospective auditors are encouraged to consider art history courses, which may be audited with instructor consent.

Facilities

Classrooms and Studios

The department offers exceptional facilities for both art history and studio art in the **Hanes Art Center**. It includes state-of-the-art image projection equipment for art history courses and specialized classrooms for various art practices. Large studios are available for painting, drawing, and mixed media, with a dedicated space for installation projects.

The **John C. Henry Printmaking Studio** is a spacious 3,325-square-foot lab that supports various printmaking processes. Photography studios include both a darkroom for black-and-white photography and a digital photography studio, along with a dedicated shooting studio. The digital laboratories at UNC-Chapel Hill are Mac-based, equipped with the latest software for photography (including large-scale output), video, and digital/electronic media. UNC provides students with access to the entire Adobe Creative Suite. Students enrolled in studio art classes have 24-hour access to these labs.

Additionally, the **Art Lab** — a 17,686-square-foot facility located 1.8 miles north of the Hanes Art Center at 108 Airport Drive — houses the department's sculpture and ceramics facilities.

The Hanes Art Center is also home to one of UNC's **BeAM** (Be A Maker) makerspaces, offering a variety of hand tools and high-tech machines, including a vinyl cutter, 3-D printers, laser cutter, and CNC router. All equipment is available to students at no charge.

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 Sloane Art Library also houses a unique collection of Artist's Books. 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 host numerous exhibitions throughout the year. The main gallery features 12 to 15 shows annually, showcasing work by professional artists, faculty, and students. The John and June Allcott Undergraduate Gallery is specifically designed to showcase work created or selected by undergraduate students.

The **SAMple Gallery**, located within the Hanes Art Center, is operated by the Studio Art Majors Association (SAMA) to display work by SAMA members.

The **Alumni Sculpture Garden** surrounds the Hanes Art Center and features temporary sculpture exhibitions commissioned by the department, displayed for a two-year period. A special class is organized each year to create collaborative works for the Sculpture Garden.

Adjacent to the Hanes Art Center is the **Ackland Art Museum**, which regularly offers programming that enhances the educational experience for the University community.

Majors

- Art History Major, B.A. (p. 147)
- Studio Art Major, B.A. (p. 151)
- Studio Art Major, Bachelor of Fine Arts (B.F.A) (p. 155)

Minors

- Art History Minor (p. 158)
- Studio Art Minor (p. 159)

Graduate Programs

- Master of Art in Art History, M.A. (<https://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Master of Fine Arts in Art, M.F.A. (<https://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Doctor of Philosophy in Art History, Ph.D. (<https://catalog.unc.edu/graduate/schools-departments/art/#programstext>)

Courses

- Art History (ARTH) (<https://catalog.unc.edu/courses/arth/>)
- Studio Art (ARTS) (<https://catalog.unc.edu/courses/arts/>)

Professors

Christoph Brachmann, Maggie Cao, Beth Grabowski, Jim Hirschfield, Annette Lawrence, Cary Levine, Carol Magee, Yun-Dong Nam, Victoria Rovine, Daniel J. Sherman, Hong-An Truong, Lien Truong.

Associate Professors

John Bowles, Eduardo Douglas, Mario Marzán, Roxana Pérez-Méndez, Tatiana String.

Assistant Professors

Kathryn Desplanque, Sherrill Roland, Martín Wannam, Meng Zhao.

Teaching Assistant Professors

Adrian Martinez Chavez, Jennifer J. Bauer.

Adjunct Professor

Bob Goldstein (Biology).

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, Joy Cox, Sabine Gruffat, Arthur Marks, Jerry Noe, Mary Pardo, Marvin Saltzman, elin o'Hara slavick, Mary C. Sturgeon, Dorothy Verkerk, Lyneise Williams.

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 Studio Art

Lien Truong

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Director of Undergraduate Studies for Art History

Cary Levine

clevine@unc.edu

Student Services Specialist

Emily Terrell

egt@ad.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. 711).







Code	Title	Hours
Core Requirements		
Two art history foundation courses from ARTH 100 to ARTH 200		6
Nine ARTH courses above 200, apportioned in the following way ¹		27
At least one course from three of the four 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 ²	3
Total Hours		36

¹ 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.

² 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
1300–1800 (II)		
ARTH 254	Women in the Visual Arts I	
ARTH 277	 Art and Architecture of Viceregal Latin America	
ARTH 469	 Art of the Aztec Empire	
1800–Present (III)		
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 ^H	
ARTH 287	 African American Art Survey	
ARTH 302	 Fashioning Identities	

ARTH 383	 Everything You Ever Wanted to Know About Modern Architecture But Were Afraid to Ask
ARTH 385	Pop Art and Its Legacy
ARTH 387	 20th-Century African American Art
ARTH 401	 Seen, Unseen, and Suggested: Representation and Hollywood Film Censorship
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

^H 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
Prehistoric–1300 (I)		
ARTH 51	 First-Year Seminar: Cathedrals, Abbeys, Castles: Gothic Art and Architecture (c. 1130-1450)	
ARTH 241	Art and Archaeology of the Ancient Near East	
ARTH 242	 Egyptian Art and Archaeology	
ARTH 244	 Greek Art and Archaeology	
ARTH 247	 Roman Art and Archaeology	
ARTH 264	Medieval Art in Western Europe	
ARTH 265	Medieval Iconography ^H	
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 380	 Life and Art in Ancient Pompeii	
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	
1300–1800 (II)		
ARTH 55	 First-Year Seminar: Art, Gender, and Power in Early Modern Europe ^H	
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 ^H	
ARTH 330	 Art, History, and the Modern Museum	

ARTH 365	Late Medieval Art
ARTH 368	 The Renaissance Portrait
ARTH 369	European Art and Sexuality
ARTH 370	 Visual Art in the Age of Revolution
ARTH 400	German and Netherlandish Renaissance
ARTH 450	The City as Monument ^H
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 ^H
1800–Present (III)	
ARTH 54	 First-Year Seminar: Art, War, and Revolution ^H
ARTH 210	 The Visual Culture of News, Past and Present
ARTH 282	 Modern Art in Europe 1850-1900: Realism, Impressionism, Post-Impressionism
ARTH 283	 Picturing Paris: 1800-2000
ARTH 284	 Modern Art in Europe 1900-1960: Avant-Gardes and Politics
ARTH 473	 Early Modern and Modern Decorative Arts
ARTH 484	 Culture on the Move: Art, Empire, and Restitution since 1800
ARTH 514	 Monuments and Memory
No Chronological Classification	
ARTH 310	 From Charlemagne to Bauhaus: German Art and Architecture from the Middle Ages to Modern Time
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

^H 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
1800–Present (III)		
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 453	 Africa in the American Imagination	
ARTH 488	 Contemporary African Art	
ARTH 555	Urban Africa and Global Mobility	

Distribution Course List–Asia (AS)

Code	Title	Hours
Prehistoric-1300 (I)		
ARTH 258	Chinese Art and Culture: from Han to Tang	
1300-1800 (II)		
ARTH 320	 Chinese Landscape Representation in the Second Millennium	
1800-Present (III)		
ARTH 420	 Constructing Femininity: Women in Chinese Painting	
No Chronological Classification		
ARTH 56	First-Year Seminar: Lives of East Asian Artworks at the Ackland Art Museum ^H	
ARTH 158	Introduction to East Asian Art and Architecture	

^H 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–Other

Code	Title	Hours
1800–Present (III)		
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 ^H	
ARTH 253	 Art History in Motion: Looking, Hearing, Sensing ^H	
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	

^H 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 email exchanges, or group critiques with other independent study students and their advisors.

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. Students should discuss their study abroad plans with the undergraduate advisor in studio art to obtain prior approval for courses taken abroad. 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. Contact the Study Abroad Office to discuss the procedures for approval. The Department of Art and Art History has some scholarship support available for study abroad (Loudermilk Scholarships). For additional information, see the department's undergraduate advisors in studio art or art history.

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.

Undergraduate Awards

UNDERGRADUATE SCHOLARSHIPS IN STUDIO ART

The studio program awards more than \$44,000 annually to students, with individual awards ranging from a minimum of \$500 to \$12,000. Every November, studio art majors and minors are invited to submit a portfolio of works to be considered for these scholarships. Some scholarships are restricted to majors only.

- **The Alexander Julian Prize** (recognizing the outstanding achievements of one exceptional student)
- **The Anderson Awards** (two awards)
- **John C Henry Scholarships** (two awards covering tuition, fees, and expenses for two semesters)
- **George Kachergis Studio Art Scholarships** (multiple awards chosen by a student-designated committee)

- **The Sharpe Scholarships** (multiple awards for students receiving financial aid)
- **The Penland School of Craft Scholarships** (two awards cover all expenses for a summer course at the Penland School of Craft)
- **Lowdermilk Scholarships** (specifically designed to support study abroad)

Application information is available on the department website.

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, the Visiting Arts Professionals Program, and the Hanes Visiting Artist Lecture Series.

Several undergraduate student organizations serve 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 the 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' honor 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.

Department Programs

Majors

- Art History Major, B.A. (p. 147)
- Studio Art Major, B.A. (p. 151)
- Studio Art Major, Bachelor of Fine Arts (B.F.A) (p. 155)

Minors

- Art History Minor (p. 158)
- Studio Art Minor (p. 159)

Graduate Programs

- Master of Art in Art History, M.A. (<https://catalog.unc.edu/graduate/schools-departments/art/#programtext>)
- Master of Fine Arts in Art, M.F.A. (<https://catalog.unc.edu/graduate/schools-departments/art/#programtext>)
- Doctor of Philosophy in Art History, Ph.D. (<https://catalog.unc.edu/graduate/schools-departments/art/#programtext>)

Courses

- Art History (ARTH) (<https://catalog.unc.edu/courses/arth/>)
- Studio Art (ARTS) (<https://catalog.unc.edu/courses/arts/>)

Contact Information

Department of Art and Art History

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

101 Hanes Art Center, CB# 3405
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Studio Art Major, B.A.

The B.A. in studio art provides students with a broad exposure to artistic ideas and practices within a liberal arts framework. This degree is ideal for those seeking a well-rounded education and is a popular choice for students pursuing a double major. Common pairings include communication studies (media and technology studies and production), media and journalism, biology, dramatic art (costume and set design), and psychology, though students from any field can benefit from studying visual arts.

The major requires 36 credit hours, but students may take up to 45 credit hours in studio art (ARTS) courses that count toward graduation. Any additional ARTS credits beyond 45 will not apply toward overall graduation requirements.

Learning Outcomes

The studio art program at UNC–Chapel Hill aims to cultivate the interconnected skills of creative thinking and critical making, equipping students with a strong foundation to create exceptional works of art.

Upon completing the B.A. or B.F.A. program, students will be able to:

- **Master Technical Skills:** Demonstrate proficiency in technique, process, and materials, along with an understanding of visual organization principles, to achieve effective visual communication and expression in one or more media.
- **Understand Studio Practice:** Grasp fundamental practices shared across various studio disciplines.
- **Present and Document Work:** Create portfolios, exhibitions, and online galleries that reflect a basic understanding of professional artistic presentation.
- **Think and Create Innovatively:** Experiment, analyze possibilities, and refine ideas to develop artwork from concept to final form.
- **Engage in Creative Research:** Approach artistic development as an iterative process that informs and evolves their work.
- **Communicate Critically:** Use precise verbal and written language to analyze and discuss the relationship between form and content in their own work and that 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. 711).













Code	Title	Hours
Core Requirements		
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 ^{1,2}		9
One art history (ARTH) course ³		3
Total Hours		36



¹ Only three credits of senior honors thesis can count in the B.A. major.

² Any ARTS classes, including first-year seminars.













³ Any ARTH classes, including first-year seminars.

Listing of Studio Art Courses by Tier

Code	Title	Hours
Tier I Studio Art (Foundation) Courses		
2-D Courses		
ARTS 102	Two-Dimensional Design	
ARTS 104	 Drawing I	
ARTS 105	 Photography I ^H	
ARTS 115	 Darkroom Photography I	
ARTS 132	 Collage: Strategies for Thinking and Making	
ARTS 202	 Painting I	
ARTS 208	 Print I	
3-D Courses		
ARTS 103	 Sculpture I	
ARTS 213	Ceramic I	
ARTS 233	 Wood Sculpture	
4-D (Time-Based) Courses		
ARTS 106	 Video I	
ARTS 116	Introduction to Web Media	
Tier II Studio Art Courses		
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 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 383	 States of Change	3
ARTS 390	Special Topics in Studio Art	3
ARTS 402	Advanced Painting Projects	3
ARTS 409	 Art and Science: Merging Printmaking and Biology ^H	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.

Honors in Studio Art



The Senior Honors Thesis Project offers senior studio art majors the opportunity to undertake significant and in-depth creative work that may qualify them to graduate "with honors" or "with highest honors." Selected

students conduct original creative research over both semesters of their senior year.

To apply, students must be rising senior studio art majors and have a minimum GPA of 3.3, as required by the Honors Carolina office. The application includes:

- A completed application form
- A proposal for the senior thesis project
- A digital portfolio demonstrating the ability to conduct advanced visual research

A call for applications is sent via the department's student listserv during the spring semester. Applications are due in early April and are reviewed by the studio faculty within a week of the deadline. Accepted students enroll in the honors courses for the following year 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

Studio honors students work with a thesis committee composed of at least two members: a thesis advisor — who must be a full-time studio art faculty member — and at least one other studio art faculty member. The committee may include up to two additional faculty members, for a maximum of four, and these additional members may be from outside 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 a group exhibition with other Senior Honors students. 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 Department of Art and Art History webpage 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-](https://art.unc.edu/about/policies/undergraduate-policies-procedures-and-resources/)

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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. Students should discuss their study abroad plans with the undergraduate advisor in studio art to obtain prior approval for courses taken abroad. 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. Contact the Study Abroad Office to discuss the procedures for approval. The Department of Art and Art History has some scholarship support available for study abroad (Loudermilk Scholarships). For additional information, see the department's undergraduate advisors in studio art or art history.

Undergraduate Research

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Undergraduate Awards

UNDERGRADUATE SCHOLARSHIPS IN STUDIO ART

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- **Lowdermilk Scholarships** (specifically designed to support study abroad)

Application information is available on the department website.

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, the Visiting Arts Professionals Program, and the Hanes Visiting Artist Lecture Series.

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Department Programs

Majors

- Art History Major, B.A. (p. 147)
- Studio Art Major, B.A. (p. 151)
- Studio Art Major, Bachelor of Fine Arts (B.F.A) (p. 155)

Minors

- Art History Minor (p. 158)
- Studio Art Minor (p. 159)

Graduate Programs

- Master of Art in Art History, M.A. (<https://catalog.unc.edu/graduate/schools-departments/art/#programtext>)
- Master of Fine Arts in Art, M.F.A. (<https://catalog.unc.edu/graduate/schools-departments/art/#programtext>)
- Doctor of Philosophy in Art History, Ph.D. (<https://catalog.unc.edu/graduate/schools-departments/art/#programtext>)

Courses

- Art History (ARTH) (<https://catalog.unc.edu/courses/arth/>)
- Studio Art (ARTS) (<https://catalog.unc.edu/courses/arts/>)

Contact Information

Department of Art and Art History

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

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Student Services Specialist

Emily Terrell

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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 studio art program at UNC–Chapel Hill aims to cultivate the interconnected skills of creative thinking and critical making, equipping students with a strong foundation to create exceptional works of art.

Upon completing the B.A. or B.F.A. program, students will be able to:

- Master Technical Skills: Demonstrate proficiency in technique, process, and materials, along with an understanding of visual organization principles, to achieve effective visual communication and expression in one or more media.
- Understand Studio Practice: Grasp fundamental practices shared across various studio disciplines.
- Present and Document Work: Create portfolios, exhibitions, and online galleries that reflect a basic understanding of professional artistic presentation.
- Think and Create Innovatively: Experiment, analyze possibilities, and refine ideas to develop artwork from concept to final form.
- Engage in Creative Research: Approach artistic development as an iterative process that informs and evolves their work.
- Communicate Critically: Use precise verbal and written language to analyze and discuss the relationship between form and content in their own work and that 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. 711).

Code	Title	Hours
Core Requirements		
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)		
Four Tier II studio courses (see list below)		12

Five Tier III studio courses (see list below)	15
Six studio art elective courses ^{1,2}	18
Two art history (ARTH) courses ³	6
Total Hours	60

¹ 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.
















² Any ARTS classes, including first-year seminars.













³ Any ARTH classes, including first-year seminars.

B.F.A. students should be aware that a minimum of 30 credit hours must be completed in coursework outside the Department of Art and Art History.

All General Education (p. 634) requirements must be completed.

Listing of Studio Art Courses by Tier

Code	Title	Hours
Tier I Studio Art (Foundation) Courses		
2-D Courses		
ARTS 102	Two-Dimensional Design	
ARTS 104	 Drawing I	
ARTS 105	 Photography I ^H	
ARTS 115	 Darkroom Photography I	
ARTS 132	 Collage: Strategies for Thinking and Making	
ARTS 202	 Painting I	
ARTS 208	 Print I	
3-D Courses		
ARTS 103	 Sculpture I	
ARTS 213	Ceramic I	
ARTS 233	 Wood Sculpture	
4-D (Time-Based) Courses		
ARTS 106	 Video I	
ARTS 116	Introduction to Web Media	
Tier II Studio Art Courses		
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 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 383	 States of Change	3
ARTS 390	Special Topics in Studio Art	3
ARTS 402	Advanced Painting Projects	3
ARTS 409	 Art and Science: Merging Printmaking and Biology ^H	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.



Honors in Studio Art

The Senior Honors Thesis Project offers senior studio art majors the opportunity to undertake significant and in-depth creative work that may qualify them to graduate "with honors" or "with highest honors." Selected students conduct original creative research over both semesters of their senior year.

To apply, students must be rising senior studio art majors and have a minimum GPA of 3.3, as required by the Honors Carolina office. The application includes:

- A completed application form
- A proposal for the senior thesis project
- A digital portfolio demonstrating the ability to conduct advanced visual research

A call for applications is sent via the department's student listserv during the spring semester. Applications are due in early April and are reviewed by the studio faculty within a week of the deadline. Accepted students enroll in the honors courses for the following year 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

Studio honors students work with a thesis committee composed of at least two members: a thesis advisor — who must be a full-time studio art faculty member — and at least one other studio art faculty member. The committee may include up to two additional faculty members, for a maximum of four, and these additional members may be from outside 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 a group exhibition with other Senior Honors students. 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 Department of Art and Art History webpage 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 (<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 email exchanges, or group critiques with other independent study students and their advisors.

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. Students should discuss their study abroad plans with the undergraduate advisor in studio art to obtain prior approval for courses taken abroad. 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. Contact the Study Abroad Office to discuss the procedures for approval. The Department of Art and Art History has some scholarship support available for study abroad (Loudermilk Scholarships). For additional information, see the department's undergraduate advisors in studio art or art history.

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.

Undergraduate Awards

UNDERGRADUATE SCHOLARSHIPS IN STUDIO ART

The studio program awards more than \$44,000 annually to students, with individual awards ranging from a minimum of \$500 to \$12,000. Every November, studio art majors and minors are invited to submit a portfolio of works to be considered for these scholarships. Some scholarships are restricted to majors only.

- **The Alexander Julian Prize** (recognizing the outstanding achievements of one exceptional student)
- **The Anderson Awards** (two awards)
- **John C Henry Scholarships** (two awards covering tuition, fees, and expenses for two semesters)
- **George Kachergis Studio Art Scholarships** (multiple awards chosen by a student-designated committee)
- **The Sharpe Scholarships** (multiple awards for students receiving financial aid)
- **The Penland School of Craft Scholarships** (two awards cover all expenses for a summer course at the Penland School of Craft)
- **Lowdermilk Scholarships** (specifically designed to support study abroad)

Application information is available on the department website.

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, the Visiting Arts Professionals Program, and the Hanes Visiting Artist Lecture Series.

Several undergraduate student organizations serve 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 the 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' honor 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.

Department Programs

Majors

- Art History Major, B.A. (p. 147)
- Studio Art Major, B.A. (p. 151)
- Studio Art Major, Bachelor of Fine Arts (B.F.A) (p. 155)

Minors

- Art History Minor (p. 158)
- Studio Art Minor (p. 159)

Graduate Programs

- Master of Art in Art History, M.A. (<https://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Master of Fine Arts in Art, M.F.A. (<https://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Doctor of Philosophy in Art History, Ph.D. (<https://catalog.unc.edu/graduate/schools-departments/art/#programstext>)

Courses

- Art History (ARTH) (<https://catalog.unc.edu/courses/arth/>)
- Studio Art (ARTS) (<https://catalog.unc.edu/courses/arts/>)

Contact Information

Department of Art and Art History

Visit Program Website (<http://art.unc.edu>)
101 Hanes Art Center, CB# 3405
(919) 962-2015

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Cary Levine
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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. 711).

The minor consists of five courses at any level in art history (p.).

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. 149) for special opportunities.

Department Programs

Majors

- Art History Major, B.A. (p. 147)
- Studio Art Major, B.A. (p. 151)
- Studio Art Major, Bachelor of Fine Arts (B.F.A) (p. 155)

Minors

- Art History Minor (p. 158)
- Studio Art Minor (p. 159)

Graduate Programs

- Master of Art in Art History, M.A. (<https://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Master of Fine Arts in Art, M.F.A. (<https://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Doctor of Philosophy in Art History, Ph.D. (<https://catalog.unc.edu/graduate/schools-departments/art/#programstext>)

Courses

- Art History (ARTH) (<https://catalog.unc.edu/courses/arth/>)
- Studio Art (ARTS) (<https://catalog.unc.edu/courses/arts/>)

Contact Information

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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.

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. 711).

The undergraduate minor in studio art consists of five courses (15 credit hours).

Code	Title	Hours
Core Requirements		
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
Total Hours		15

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
Tier I Studio Art (Foundation) Courses		
2-D Courses		
ARTS 102	Two-Dimensional Design	
ARTS 104	 Drawing I	
ARTS 105	 Photography I ^H	
ARTS 115	 Darkroom Photography I	
ARTS 132	 Collage: Strategies for Thinking and Making	
ARTS 202	 Painting I	
ARTS 208	 Print I	
3-D Courses		
ARTS 103	 Sculpture I	
ARTS 213	Ceramic I	
ARTS 233	 Wood Sculpture	
4-D (Time-Based) Courses		
ARTS 106	 Video I	
ARTS 116	Introduction to Web Media	

Tier II Studio Art Courses

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 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 383	 States of Change	3
ARTS 390	Special Topics in Studio Art	3
ARTS 402	Advanced Painting Projects	3
ARTS 409	 Art and Science: Merging Printmaking and Biology ^H	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. 152) for special opportunities.

Department Programs

Majors

- Art History Major, B.A. (p. 147)
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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. 161)
- Asian Studies Major, B.A. –Arab Cultures Concentration (p. 169)
- Asian Studies Major, B.A. –Chinese Concentration (p. 173)
- Asian Studies Major, B.A. –Japanese Concentration (p. 179)
- Asian Studies Major, B.A. –Korean Studies Concentration (p. 183)
- Asian Studies Major, B.A. –Persian Studies Concentration (p. 187)
- Asian Studies Major, B.A. –South Asian Studies Concentration (p. 191)

Minors

- Arabic Minor (p. 197)
- Asian Studies Minor (p. 195)
- Chinese Minor (p. 198)
- Modern Hebrew Minor (p. 200)
- Hindi-Urdu Minor (p. 201)
- Japanese Minor (p. 203)
- Korean Minor (p. 204)
- Middle Eastern Languages Minor (p. 205)
- Persian Minor (p. 207)
- Southeast Asian Studies Minor (p. 195)

Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

Courses

- Asian Studies (ASIA) (<https://catalog.unc.edu/courses/asia/>)
- Arabic (ARAB) (<https://catalog.unc.edu/courses/arab/>)
- Chinese (CHIN) (<https://catalog.unc.edu/courses/chin/>)

- Hebrew (HEBR) (<https://catalog.unc.edu/courses/hebr/>)
- Hindi-Urdu (HNUR) (<https://catalog.unc.edu/courses/hnur/>)
- Japanese (JAPN) (<https://catalog.unc.edu/courses/japn/>)
- Korean (KOR) (<https://catalog.unc.edu/courses/kor/>)
- Persian ((<https://catalog.unc.edu/courses/prsn/>) PRSN)
- Turkish (TURK) (<https://catalog.unc.edu/courses/turk/>)
- Vietnamese (VIET) (<https://catalog.unc.edu/courses/viet/>)

Professors

Mark Driscoll, Pamela Lothspeich, Morgan Pitelka, Robin Visser, Claudia Yaghoobi, Nadia Yaqub.

Associate Professors

Uffe Bergeton, Li-ling Hsiao, Ji-Yeon Jo, Yaron Shemer, Afroz Taj.

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, Luoyi Cai, John Caldwell, Doria Elkerdany, Yuko Kato, Bud Kauffman, Eunji Lee, Lini Ge Polin, Katsu Sawamura, Hanna Sprintzik.

Teaching Assistant Professors

Dwayne Dixon, Na Fan, Fumi Iwashita, Shuishui Long, Caroline Sibley.

Affiliated Faculty

Barbara Ambros (Religious Studies), Benjamin Arbuckle (Anthropology), Cemil Aydin (History), Inger Brodey (English and Comparative Literature), Becky Butler (Linguistics), Yong Cai (Sociology), Jocelyn Chua (Anthropology), Peter A. Coclanis (History), Barbara Entwisle (Sociology), Michael Figueroa (Music), Banu Gökariksel (Geography), Guang Guo (Sociology), Julianne 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 Rosefielde (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.

Associate Professor Emeritus

Gang Yue.

Senior Lecturer Emeritus

Eric Henry.

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. 711).

Code	Title	Hours
Core Requirements		
The major consists of eight courses which must include the following: ¹		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 ²		
At least one course each from any two other departments		
At least one course numbered 400 or above ³		
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)		
Additional Requirements		
Any Asian or Middle Eastern language through level 4 ⁴		4
Total Hours		28

¹ The same courses can be used to fulfill multiple requirements within the major.

² May not substitute a study abroad course.









³ May not be a language course.
































⁴ 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 50	 First-Year Seminar: The Samurai: Gender and Power in Japanese History	3
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 ^H	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 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 75	 First-Year Seminar: Love in China	3
ASIA 76	 First-Year Seminar: Traveling to China and Traveling from China in the Premodern World	3
ASIA 77	 First-Year Seminar: Women and Performance in Transnational Asia	3
ASIA 89	 First Year Seminar: Special Topics ^H	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
KOR 151	 Education and Social Changes in Contemporary Korea	3
ASIA 152	 Survey of South Asian Cultural History	3
KOR 152	 Audiovisual Korea: Music, Art, and Performance from Calligraphy to K-pop	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/WGST 167	 Gender, Sexuality, and Social Justice in South Asia	3
ARAB 211	 Arab Comics	3
ASIA 211	 The Silk Road: Markets, Metaphysics, and Music	3
ARAB/ANTH 214	 Medicine in the Arab World	3
ASIA 228	 Contested Souls: Literature, the Arts, and Religious Identity in Modern India	3
ASIA 229	 Breakdancers, Vocaloids, and Gamers: East Asian Youth Cultures	3
ASIA 231	 Bollywood Cinema	3
JAPN 231/HIST 271	 Ancient and Medieval Japanese History and Culture	3
KOR/CMPL 232	 Imagining the City in Modern Korea: Text, Image, Space	3

ASIA 233	 Drugs, Sex, and Sovereignty in East Asia, 1800-1945	3	ASIA/JWST 358	 Religion and Tradition in Israeli Cinema, TV, and Literature	3
ASIA/JWST/ PWAD 235	 Israeli Cinema: Gender, Nation, and Ethnicity ^H	3	ASIA/CMPL 359	 Literary Diasporas of the Middle East	3
KOR/CMPL/ WGST 237	 Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	3	CHIN 361	 Chinese Traditional Theater	3
CHIN/CMPL 238	 From Martial Arts to Street Dance: Rebellion with Chinese Characteristics	3	CHIN 367	 Illustration and the Animation of Text	3
CHIN 242	 Chinese Qin Music	3	JAPN 375	 The Culture of Modern, Imperial Japan, 1900-1945	3
CHIN 244	Introduction to Modern Chinese Culture through Cinema	3	ASIA/RELI 382	 The Story of Rama in Indian Culture—Experiential	3
JAPN 246/ HIST 247	 Early Modern Japanese History and Culture	3	ASIA/RELI 383	 The Mahabharata: Remembered and Reimagined—Experiential	3
CHIN/CMPL 247	 Indigenous Spiritualities in Literatures of China and Taiwan ^H	3	ASIA/HIST/WGST 418	 Family and Gender in Early Modern China and Korea	3
CHIN 252	 Introduction to Chinese Culture through Narrative	3	ASIA/JWST/ PWAD 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3
ARAB 255	 Arab World Photography	3	ASIA 427/ CMPL 527/ PWAD 427	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3
CHIN 255	 Bandit or Hero: Outlawry in Chinese Literature and Films	3	ASIA 431	 Persian Sufi Literature	3
ASIA/CMPL 256	 Love in Classical Persian Poetry	3	ARAB/ANTH 432	 Science and Society in the Middle East	3
ASIA/CMPL 258	 Iranian Prison Literature	3	ARAB 434	 Modern Arabic Literature in Translation	3
ASIA/CMPL 261	 India and Orientalism	3	ASIA 435/ CMPL 535/ PWAD 435	 The Cinemas of the Middle East and North Africa	3
ASIA 262	 Nation, Film, and Novel in Modern India	3	ASIA/JWST 436	 Language, Exile, and Homeland in Zionist Thought and Practice	3
CHIN/HIST 265	 Imperial China in Global Objects	3	CHIN/HIST 439	 Environmental China: Premodern Political Ecology	3
JAPN 277	 Empire of Sex: Eroticism, Mass Culture, and Geopolitics in Japan, 1945-Present	3	ASIA/CMPL 442	 Postcolonial Literature of the Middle East	3
JAPN/COMM 288	 Media Studies of Japan	3	KOR 447/ CMPL 547	 Documenting Diasporas: Korean Diasporas in Films and Documentaries	3
KOR 327	 Global Korea: Migration, Identity, and Community in the Korean Diaspora	3	ARAB 453	 Film, Nation, and Identity in the Arab World	3
ASIA/WGST 329	 Middle East Women Writers	3	ASIA 453	Global Shangri-La: Tibet in the Modern World	3
ASIA 331/ HIST 335/ PWAD 331	 Cracking India: Partition and Its Legacy in South Asia ^H	3	ASIA/JWST/ PWAD 462	 The Arab-Jews: Culture, Community, and Coexistence	3
ASIA 332	 The Story of Rama in India	3	CHIN 463	 Narrative Ethics in Modern China	3
ASIA 333	 The Mahabharata: Remembered and Reimagined	3	CHIN 464	 The City in Modern Chinese Literature and Film	3
ARAB 337	 Borders and Walls in the Arab World	3	ASIA/WGST 471	 Gender and Sexuality in Middle Eastern Literature	3
ASIA 342	 Cultural Productions of East Asia	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
KOR 346/ CMPL 246	 Body Politics in Modern Korean Literature ^H	3	CHIN/CMPL/ WGST 480	 Queering China	3
ASIA 350	Transpacific Narratives: Oral Histories of Asian America	3	JAPN 482	Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan	3
ARAB/ANTH 354	Everyday Lives in the Middle East: Anthropological Perspectives	3	JAPN/WGST 489	Women, Margin, Writing, and Transnational Japan	3
CHIN 356	Chinese Environmental Literature	3			

ASIA 522	 Beauty and Power in the Classical Indian World	3
CHIN/CMPL 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
HNUR/RELI 592	Religious Conflict and Literature in India	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.

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 ^H	3
ASIA 65	 First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3
ASIA 75	 First-Year Seminar: Love in China	3
ASIA 76	 First-Year Seminar: Traveling to China and Traveling from China in the Premodern World	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 ^H	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/HIST 265	 Imperial China in Global Objects	3
GEOG 270	 Geography of Contemporary China	3
HIST/ASIA 283	 Chairman Mao's China in World History ^H	3
HIST 284	 Late Imperial China	3
HIST 285	 20th-Century China	3
AAAD 301	 Contemporary China-Africa Relations	3
ASIA 303/ RELI 288	 Chinese Religions	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
ANTH/ASIA 365	Chinese Diaspora in the Asia Pacific	3
CHIN 367	 Illustration and the Animation of Text	3
ASIA 418	 Family and Gender in Early Modern China and Korea ¹	3
SOCI 418	Contemporary Chinese Society	3
CHIN/HIST 439	 Environmental China: Premodern Political Ecology	3
ASIA 453	Global Shangri-La: Tibet in the Modern World ²	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/CMPL 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 682	Contemporary Chinese Society	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.

¹ ASIA 418 may be counted for either the China or Korea region, but not both.

² ASIA 453 may be counted for either the China or South Asia region, but not both.

Japan Courses

Code	Title	Hours
ASIA 50	 First-Year Seminar: The Samurai: Gender and Power in Japanese History	3
RELI 73	 First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion ^H	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/ HIST 247	 Early Modern Japanese History and Culture	3
JAPN 277	 Empire of Sex: Eroticism, Mass Culture, and Geopolitics in Japan, 1945-Present	3

ASIA/HIST/ PWAD 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
ASIA/RELI 286	Premodern Japanese Religions	3
ASIA/RELI 287	Modern Japanese Religions	3
ASIA/HIST 288	Modern Japan	3
JAPN/COMM 288	Media Studies of Japan	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 ^H	3
ASIA/CMPL/ WGST 380	Almost Despicable Heroines in Japanese and Western Literature	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/WGST 489	Women, Margin, Writing, and Transnational Japan	3
JAPN/LING 563	Structure of Japanese	3
RELI 586	Women and Gender in Japanese Religions	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.

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 152	Audiovisual Korea: Music, Art, and Performance from Calligraphy to K-pop	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	Global Korea: Migration, Identity, and Community in the Korean Diaspora	3
KOR 346/ CMPL 246	Body Politics in Modern Korean Literature ^H	3
ASIA 418	Family and Gender in Early Modern China and Korea ¹	3

KOR 447/ CMPL 547	Documenting Diasporas: Korean Diasporas in Films and Documentaries	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.

¹ ASIA 418 may be counted for either the China or Korea region, but not both.






























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
ASIA 73	First-Year Seminar: Popular Culture in the Arab World	3
ASIA 74	First-Year Seminar: Imagining Palestine	3
RELI/CLAR/ JWST 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	Islam and Muslim Life before 1500	3
ASIA/RELI 181	Islam and Muslim Life since 1500	3
RELI 185	Women/Gender/Islam ^H	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 ^H	3
ARAB 255	Arab World Photography	3
ASIA/HIST 276	The Modern Middle East	3
ASIA/HIST/ PWAD 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/ANTH 354	Everyday Lives in the Middle East: Anthropological Perspectives	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
ARAB/ANTH 432	Science and Society in the Middle East	3

ARAB 434	 Modern Arabic Literature in Translation	3
ASIA 435/ CMPL 535/ 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/ WGST 447	Gender, Space, and Place in the Middle East	3
GEOG 448	Transnational Geographies of Muslim Societies	3
ARAB 453	 Film, Nation, and Identity in the Arab World	3
ASIA/JWST/ PWAD 462	 The Arab-Jews: Culture, Community, and Coexistence	3
ASIA/WGST 471	 Gender and Sexuality in Middle Eastern Literature	3
RELI/ASIA 485	 Gender and Sexuality in Islam	3
RELI/ASIA 486	 Islam and Feminism/Islamic Feminism	3
RELI/JWST 503	 Exploring the Dead Sea Scrolls ^H	3
ASIA/HIST 536	Revolution in the Modern Middle East	3
ASIA/HIST/WGST 537	Women in the Middle East	3
ASIA/HIST 538	The Middle East and the West	3
ASIA/RELI 584	 The Qur'an as Literature	3
RELI 585	Religion and Culture of Turkey	3
RELI/ASIA 587	 Islam and Sexual Diversity	3
FREN 617	Framing Identities: Franco-Arab Transvisual Transcultural Contexts	3
ARAB/ASIA/RELI 681	Readings in Islamicate Literatures	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.









South Asia Courses

Code	Title	Hours
ASIA 59	 First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	3
ASIA 61	 First-Year Seminar: A Tour of South Asia's Regional Art Cinemas	3
ASIA/PWAD 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
HIST 74	 First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	3
ASIA 124	 Iranian Post-1979 Cinema	3
ASIA 126	 Introduction to Persian Literature	3
ASIA/WGST 127	 Iranian Women Writers	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 152	 Survey of South Asian Cultural History	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
ASIA/CMPL 256	 Love in Classical Persian Poetry	3
ASIA/CMPL 258	 Iranian Prison Literature	3
ASIA/CMPL 261	 India and Orientalism	3
ASIA 262	 Nation, Film, and Novel in Modern India	3
ASIA/GEOG 267	 South Asia	3
ASIA/HIST 272	Modern South Asia	3
ASIA/RELI 280	Hindu Gods and Goddesses ^H	3
ASIA 300/ RELI 283	 The Buddhist Tradition: India, Nepal, and Tibet	3
ASIA 331/ HIST 335/ PWAD 331	 Cracking India: Partition and Its Legacy in South Asia ^H	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
ASIA/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
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 ¹	3
ASIA/RELI/WGST 482	Sex, Gender, and Religion in South Asia	3
ASIA 522	 Beauty and Power in the Classical Indian World	3
ASIA/HIST 557	Fiction and History in India	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

















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










¹ ASIA 453 may be counted for either the China or South Asia region, but not both.

Southeast Asia Courses

Code	Title	Hours
GEOG 64	 First-Year Seminar: Vietnam	3
ASIA/HIST 131	 Southeast Asia before 1800 through Digital History	3
ASIA/HIST 132	 Modern Southeast Asia	3
ASIA/MUSC 240	Performance in Southeast Asia: Gongs, Punks, and Shadow Plays	3
ASIA/LING 260	 Languages of Southeast Asia	3
GEOG 266	 Society and Environment in Southeast Asia	3
ASIA/RELI 285	 Monks, Magic, & Meditation: Theravada Buddhism Across Space and Time	3
AMST/ASIA 353	 Southeast Asian North Carolina	3
ANTH/ASIA 375	Memory, Massacres, and Monuments in Southeast Asia	3
ASIA/RELI 384	Religion and Globalization in Southeast Asia	3
ANTH/ASIA/ FOLK 429	 Culture and Power in Southeast Asia	3
ASIA/HIST 539	The Economic History of Southeast Asia	3
ASIA/HIST/ PWAD 570	The Vietnam War	3

Other Courses

Code	Title	Hours
ASIA 57	 First-Year Seminar: Dis-Orienting the Orient	3
ASIA 77	 First-Year Seminar: Women and Performance in Transnational Asia	3
ENGL 79	 First-Year Seminar: Globalization/Global Asians	3
ASIA 89	 First Year Seminar: Special Topics ^H	3
RELI/JWST 103	 Understanding the Bible: Hebrew Bible/Old Testament ^H	3
RELI/JWST 106	 Judaism in the Time of Jesus	3
RELI/JWST 107	Introduction to Modern Judaism	3
ASIA/HIST/ PWAD 134	 Modern East Asia	3
ASIA 150	 Asia: An Introduction	3
HIST 163	 Modern Central Asia ^H	3
ASIA/RELI 183	 Asian Religions	3
RELI 184	 East Asian Religions	3
RELI/JWST 206	Prophecy and Divination in Ancient Israel and Judah ^H	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 ^H	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
ASIA 342	 Cultural Productions of East Asia	3
RELI/JWST 343	 Religion in Modern Israel	3
ASIA 350	 Transpacific Narratives: Oral Histories of Asian America	3
ASIA/ENGL 360	 Contemporary Asian American Literature and Theory	3
ENGL 371	 The Place of Asian Americans in Southern Literature ^H	3
FREN 383	Franco-Asian Encounters	3
ASIA/COMM/ 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/PWAD 481	 Religion, Fundamentalism, and Nationalism	3
GLBL 484	History and Politics of Central Asia	3
RELI/CLAR/ JWST 512	 Ancient Synagogues	3
ASIA/RELI 581	 Sufism	3
RELI/JWST 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.



^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.

This plan is for a student who is just starting an Asian or Middle Eastern language.¹

First Year	Hours
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3

First-Year Seminar or First-Year Launch (p. 640)	3
IDST 111L  Data Literacy Lab	1
Major Courses	
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 ^{2, 3}	3
Hours	20-22
Sophomore Year	
Language 203 (fall only)	3-4
Language 204 (spring only)	3-4
Two major courses ³	6
Hours	12-14
Junior Year	
Major course or Language 305 ^{3,4}	3
Major course numbered 400 or above ³	3
Hours	6
Senior Year	
Two major courses ³	6
Hours	6
Total Hours	44-48

¹ 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.

² No more than one FY-SEMINAR course may be taken or count toward the major.

³ 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.

⁴ 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. 161)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 169)
- Asian Studies Major, B.A.–Chinese Concentration (p. 173)
- Asian Studies Major, B.A.–Japanese Concentration (p. 179)
- Asian Studies Major, B.A.–Korean Studies Concentration (p. 183)
- Asian Studies Major, B.A.–Persian Studies Concentration (p. 187)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 191)

Minors

- Arabic Minor (p. 197)
- Asian Studies Minor (p. 195)
- Chinese Minor (p. 198)
- Modern Hebrew Minor (p. 200)
- Hindi-Urdu Minor (p. 201)
- Japanese Minor (p. 203)
- Korean Minor (p. 204)
- Middle Eastern Languages Minor (p. 205)
- Persian Minor (p. 207)
- Southeast Asian Studies Minor (p. 195)

Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

Courses

- Asian Studies (ASIA) (<https://catalog.unc.edu/courses/asia/>)
- Arabic (ARAB) (<https://catalog.unc.edu/courses/arab/>)
- Chinese (CHIN) (<https://catalog.unc.edu/courses/chin/>)
- Hebrew (HEBR) (<https://catalog.unc.edu/courses/hebr/>)
- Hindi-Urdu (HNUR) (<https://catalog.unc.edu/courses/hnur/>)
- Japanese (JAPN) (<https://catalog.unc.edu/courses/japn/>)
- Korean (KOR) (<https://catalog.unc.edu/courses/kor/>)
- Persian ((<https://catalog.unc.edu/courses/prsn/>) PRSN)
- Turkish (TURK) (<https://catalog.unc.edu/courses/turk/>)
- Vietnamese (VIET) (<https://catalog.unc.edu/courses/viet/>)

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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. 711).

Code	Title	Hours
Core Requirements		
ARAB 300	Arabic Grammar and Composition	3
Two additional Arabic language courses beyond ARAB 204 ¹		6
One of the following introductory-level classes: ²		3
ASIA 73	First-Year Seminar: Popular Culture in the Arab World ³	
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
Additional Requirements		
Arabic through level 4 ⁴		4
Total Hours		28

¹ Students whose initial language placement is above ARAB 305 should consult the department.

² It is recommended that students take this course either prior to or concurrent with upper-level Arabic literature and culture classes.

³ No more than one first-year seminar may be counted among the eight major courses.

⁴ 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/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)	
ARAB 409	Performing Arts in the Arab World (taught in Arabic)	
ARAB 410	Visual Arts in the Arab World (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 ¹
ASIA/HIST 138	History of Muslim Societies to 1500
ASIA/HIST 139	History of Muslim Societies since 1500
ASIA/RELI 180	Islam and Muslim Life before 1500
ASIA/RELI 181	Islam and Muslim Life since 1500
RELI 185	Women/Gender/Islam ^H
ASIA/HIST 276	The Modern Middle East
ASIA/HIST/ PWAD 277	The Conflict over Israel/Palestine
RELI/ASIA 279	Islamic Law, Ethics, and Practice
SOCI 419	Sociology of the Islamic World
ASIA/PWAD 435/CMPL 535	The Cinemas of the Middle East and North Africa
ASIA/GEOG/ WGST 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/ 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 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

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ 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
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)	3
IDST 111L  Data Literacy Lab	1
Major Courses	
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
Hours	19
Sophomore Year	
ARAB 203  Intermediate Arabic I (fall only)	4
ARAB 204 Intermediate Arabic II (spring only)	4

Major culture course	3
Hours	11
Junior Year	
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
Hours	12
Senior Year	
Major culture course	3
Either of:	3
ARAB 4— ARAB 400-Level Elective (4th-year language course, if available)	
Major culture course	
Hours	6
Total Hours	48




Sample Plan Two

This plan is for a student who has placed into ARAB 203.

First Year	Hours
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)	3
IDST 111L  Data Literacy Lab	1
Major Courses	
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
Hours	19
Sophomore Year	
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
Hours	12
Junior Year	
Major culture course	3
Either of:	3
ARAB 4— ARAB 400-Level Elective (4th-year language course, if available)	
Major culture course	
Hours	6
Senior Year	
Either of:	3
ARAB 4— ARAB 400-Level Elective (4th-year language course, if available)	
Major culture course	
Hours	3
Total Hours	40

Sample Plan Three

This plan is for a student who has placed into ARAB 305.

First Year	Hours
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)	3
IDST 111L  Data Literacy Lab	1
Major Courses	
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
Hours	17
Sophomore Year	
ARAB 300 Arabic Grammar and Composition (spring only)	3
Major culture course	3
Hours	6
Junior Year	
Major culture course	3
Either of:	3
<div> <div>ARAB 4---</div> <div>ARAB 400-Level Elective (4th-year language course, if available)</div> </div>	
Major culture course	
Hours	6
Senior Year	
Either of:	3
<div> <div>ARAB 4---</div> <div>ARAB 400-Level Elective (4th-year language course, if available)</div> </div>	
Major culture course	
Hours	3
Total Hours	32

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.

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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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Department Programs

Majors

- Asian Studies Major, B.A. –Interdisciplinary Concentration (p. 161)
- Asian Studies Major, B.A. –Arab Cultures Concentration (p. 169)
- Asian Studies Major, B.A. –Chinese Concentration (p. 173)
- Asian Studies Major, B.A. –Japanese Concentration (p. 179)

- Asian Studies Major, B.A. –Korean Studies Concentration (p. 183)
- Asian Studies Major, B.A. –Persian Studies Concentration (p. 187)
- Asian Studies Major, B.A. –South Asian Studies Concentration (p. 191)

Minors

- Arabic Minor (p. 197)
- Asian Studies Minor (p. 195)
- Chinese Minor (p. 198)
- Modern Hebrew Minor (p. 200)
- Hindi-Urdu Minor (p. 201)
- Japanese Minor (p. 203)
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- Persian Minor (p. 207)
- Southeast Asian Studies Minor (p. 195)

Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

Courses

- Asian Studies (ASIA) (<https://catalog.unc.edu/courses/asia/>)
- Arabic (ARAB) (<https://catalog.unc.edu/courses/arab/>)
- Chinese (CHIN) (<https://catalog.unc.edu/courses/chin/>)
- Hebrew (HEBR) (<https://catalog.unc.edu/courses/hebr/>)
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- Japanese (JAPN) (<https://catalog.unc.edu/courses/japn/>)
- Korean (KOR) (<https://catalog.unc.edu/courses/kor/>)
- Persian ((<https://catalog.unc.edu/courses/prsn/>) PRSN)
- Turkish (TURK) (<https://catalog.unc.edu/courses/turk/>)
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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. 711).

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. 174) is for students who have completed CHIN 204
- Track B (p. 174) is for students who have completed CHIN 212

Track A

Code	Title	Hours
Core Requirements		
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	Lens on China: Learning Chinese via Films	
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 520	Stay Tuned to China	
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 ¹		4
Total Hours		28

¹ 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 ^H	3
ASIA 65	First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3
ASIA 75	First-Year Seminar: Love in China	3

ASIA 76	First-Year Seminar: Traveling to China and Traveling from China in the Premodern World	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 ^H	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/HIST 265	Imperial China in Global Objects	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/HIST/WGST 418	Family and Gender in Early Modern China and Korea	3
CHIN/HIST 439	Environmental China: Premodern Political Ecology	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/CMPL 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.

Track B

Code	Title	Hours
Core Requirements		
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 520	Stay Tuned to China	
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		
CHIN 111 and CHIN 212 ¹		0
Total Hours		24

¹ 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 ^H	3
ASIA 65	First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3
ASIA 75	First-Year Seminar: Love in China	3
ASIA 76	First-Year Seminar: Traveling to China and Traveling from China in the Premodern World	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 ^H	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/HIST 265	Imperial China in Global Objects	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/HIST/WGST 418	Family and Gender in Early Modern China and Korea	3
CHIN/HIST 439	Environmental China: Premodern Political Ecology	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/CMPL 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
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)	3
IDST 111L  Data Literacy Lab	1
Major Courses	
CHIN 101 Elementary Chinese I (fall only)	4
CHIN 102 Elementary Chinese II (spring only)	4
Major culture course ¹	3
Hours	19
Sophomore Year	
CHIN 203  Intermediate Chinese I (fall only)	4
CHIN 204 Intermediate Chinese II (spring only)	4
Major culture course	3
Hours	11
Junior Year	
CHIN 305 Advanced Chinese I (fall only)	3
CHIN 306 Advanced Chinese II (spring only)	3
Major culture course	3
Hours	9
Senior Year	
CHIN 407  Readings in Modern Chinese I (fall only)	3
CHIN 408  Lens on China: Learning Chinese via Films (spring only)	3
Major culture course	3
Hours	9
Total Hours	48

¹ 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
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)	3
IDST 111L  Data Literacy Lab	1
Major Courses	
CHIN 203  Intermediate Chinese I (fall only)	4
CHIN 204 Intermediate Chinese II (spring only)	4
Major culture course ¹	3
Hours	19
Sophomore Year	
CHIN 305 Advanced Chinese I (fall only)	3
CHIN 306 Advanced Chinese II (spring only)	3
Major culture course	3
Hours	9
Junior Year	
CHIN 407  Readings in Modern Chinese I (fall only)	3
CHIN 408  Lens on China: Learning Chinese via Films (spring only)	3
Hours	6
Senior Year	
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	
Hours	6
Total Hours	40

¹ 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
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)	3
IDST 111L  Data Literacy Lab	1
Major Courses	
CHIN 111 Elementary Written Chinese (fall only)	3
CHIN 212  Intermediate Written Chinese (spring only)	3
Major culture course ¹	3
Hours	17

Sophomore Year

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

Hours 9**Junior Year**


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**Hours** 6**Senior Year**

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

Hours 6**Total Hours** 38¹ 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****First-Year Foundation Courses**IDST 101  College Thriving 1ENGL 105  English Composition and Rhetoric 3

First-Year Seminar or First-Year Launch (p. 640) 3

IDST 111L  Data Literacy Lab 1**Major Courses**

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 ¹ 3**Hours** 17**Sophomore Year**


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

Hours 9

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** 32

¹ Students can also fulfill this requirement by taking a first-year seminar in the major.

Dual Bachelor's–Master's Degree Program

The dual B.A.–M.A. program in Chinese offers highly motivated undergraduates the opportunity to earn an M.A. in less than the usual time by completing some of the M.A. requirements while still an undergraduate. Students interested in pursuing this program should consult the director of graduate studies and the Chinese program advisor.

Additional information can be found on the department website (<https://asianstudies.unc.edu/>).

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. 161)
- Asian Studies Major, B.A.—Arab Cultures Concentration (p. 169)
- Asian Studies Major, B.A.—Chinese Concentration (p. 173)
- Asian Studies Major, B.A.—Japanese Concentration (p. 179)
- Asian Studies Major, B.A.—Korean Studies Concentration (p. 183)
- Asian Studies Major, B.A.—Persian Studies Concentration (p. 187)
- Asian Studies Major, B.A.—South Asian Studies Concentration (p. 191)

Minors

- Arabic Minor (p. 197)
- Asian Studies Minor (p. 195)
- Chinese Minor (p. 198)
- Modern Hebrew Minor (p. 200)
- Hindi-Urdu Minor (p. 201)
- Japanese Minor (p. 203)
- Korean Minor (p. 204)
- Middle Eastern Languages Minor (p. 205)
- Persian Minor (p. 207)
- Southeast Asian Studies Minor (p. 195)

Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

Courses

- Asian Studies (ASIA) (<https://catalog.unc.edu/courses/asia/>)
- Arabic (ARAB) (<https://catalog.unc.edu/courses/arab/>)
- Chinese (CHIN) (<https://catalog.unc.edu/courses/chin/>)
- Hebrew (HEBR) (<https://catalog.unc.edu/courses/hebr/>)
- Hindi-Urdu (HNUR) (<https://catalog.unc.edu/courses/hnur/>)
- Japanese (JAPN) (<https://catalog.unc.edu/courses/japn/>)
- Korean (KOR) (<https://catalog.unc.edu/courses/kor/>)
- Persian ((<https://catalog.unc.edu/courses/prsn/>) PRSN)
- Turkish (TURK) (<https://catalog.unc.edu/courses/turk/>)
- Vietnamese (VIET) (<https://catalog.unc.edu/courses/viet/>)

Contact Information

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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. 711).

Code	Title	Hours
Core Requirements		
JAPN 305	Advanced Japanese I ¹	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 ²		6
One more course that may be from either the advanced Japanese list or the culture list ²		3
Additional Requirements		
Japanese through level 4 ³		4
Total Hours		28

¹ Students whose initial language placement is above JAPN 305 should consult the department.

² No more than one first-year seminar or senior honors thesis course may be included among the culture courses.

³ 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 590	Advanced Topics in Japanese Language and Literature	3

Culture Courses

Code	Title	Hours
ASIA 50	 First-Year Seminar: The Samurai: Gender and Power in Japanese History	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/COMM 288	 Media Studies of Japan	3
ASIA 342	 Cultural Productions of East Asia	3
JAPN 375	 The Culture of Modern, Imperial Japan, 1900-1945	3
ASIA/CMPL 379	 Cowboys, Samurai, and Rebels in Film and Fiction ^H	3
ASIA/CMPL/ WGST 380	 Almost Despicable Heroines in Japanese and Western Literature	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/WGST 489	 Women, Margin, Writing, and Transnational Japan	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
First-Year Foundation Courses	
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)	3
IDST 101  College Thriving	1
IDST 111L  Data Literacy Lab	1
Major Courses	
JAPN 101 Elementary Japanese I (fall only)	4
JAPN 102 Elementary Japanese II (spring only)	4
Major culture course ¹	3
Hours	19
Sophomore Year	
JAPN 203  Intermediate Japanese I (fall only)	4
JAPN 204 Intermediate Japanese II (spring only)	4
Major culture course	3
Hours	11
Junior Year	
JAPN 305 Advanced Japanese I (fall only)	3
JAPN 306 Advanced Japanese II (spring only)	3
Major culture course	3
Hours	9
Senior Year	
JAPN 401 Gateway to Mastering Japanese (fall only)	3
JAPN 4-- JAPN 400-Level Elective (Two 4th-year language courses)	6
Hours	9
Total Hours	48

¹ 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
First-Year Foundation Courses	
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)	3
IDST 101  College Thriving	1
IDST 111L  Data Literacy Lab	1
Major Courses	
JAPN 101 Elementary Japanese I (fall only)	4
JAPN 102 Elementary Japanese II (spring only)	4
Major culture course ¹	3

Summer after first year		
JAPN 203  Intermediate Japanese I (in UNC Summer in Tokyo program)		4
JAPN 204 Intermediate Japanese II (in UNC Summer in Tokyo program)		4
Hours		27
Sophomore Year		
JAPN 305 Advanced Japanese I (fall only)		3
JAPN 306 Advanced Japanese II (spring only)		3
Major culture course		3
Hours		9
Junior Year		
JAPN 401 Gateway to Mastering Japanese (fall only)		3
JAPN 4-- JAPN 400-Level Elective (4th-year language course)		3
Hours		6
Senior Year		
JAPN 4-- JAPN 400-Level Elective (Two 4th-year language courses)		6
Hours		6
Total Hours		48

¹ 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
Summer before first year	
JAPN 102 Elementary Japanese II (in second summer session)	4
First year	
First-Year Foundation Courses	
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)	3
IDST 101  College Thriving	1
IDST 111L  Data Literacy Lab	1
Major Courses	
JAPN 203  Intermediate Japanese I (fall only)	4
JAPN 204 Intermediate Japanese II (spring only)	4
Major culture course ¹	3
Hours	23
Sophomore Year	
JAPN 305 Advanced Japanese I (fall only)	3
JAPN 306 Advanced Japanese II (spring only)	3
Major culture course	3
Hours	9
Junior Year	
JAPN 401 Gateway to Mastering Japanese (fall only)	3

JAPN 4---	JAPN 400-Level Elective (4th-year language course)	3
Hours		6
Senior Year		
JAPN 4---	JAPN 400-Level Elective (Two 4th-year language courses)	6
Hours		6
Total Hours		44

¹ 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
First-Year Foundation Courses		
ENGL 105	English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)		3
IDST 101	College Thriving	1
IDST 111L	Data Literacy Lab	1
Major Courses		
JAPN 203	Intermediate Japanese I (fall only)	4
JAPN 204	Intermediate Japanese II (spring only)	4
Major culture course ¹		3
Hours		19
Sophomore Year		
JAPN 305	Advanced Japanese I (fall only)	3
JAPN 306	Advanced Japanese II (spring only)	3
Major culture course		3
Hours		9
Junior Year		
JAPN 401	Gateway to Mastering Japanese (fall only)	3
JAPN 4---	JAPN 400-Level Elective (4th-year language course)	3
Hours		6
Senior Year		
JAPN 4---	JAPN 400-Level Elective (Two 4th-year language courses)	6
Hours		6
Total Hours		40

¹ 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
First-Year Foundation Courses		
ENGL 105	English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)		3

IDST 101	College Thriving	1
IDST 111L	Data Literacy Lab	1
Major Courses		
JAPN 305	Advanced Japanese I (fall only)	3
JAPN 306	Advanced Japanese II (spring only)	3
Hours		14
Sophomore Year		
JAPN 401	Gateway to Mastering Japanese (fall only)	3
JAPN 4---	JAPN 400-Level Elective (4th-year language course)	3
Major culture course		3
Hours		9
Junior Year		
JAPN 4---	JAPN 400-Level Elective (Two 4th-year language courses)	6
Hours		6
Senior Year		
Major culture course		3
Hours		3
Total Hours		32

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.

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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. 161)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 169)
- Asian Studies Major, B.A.–Chinese Concentration (p. 173)
- Asian Studies Major, B.A.–Japanese Concentration (p. 179)
- Asian Studies Major, B.A.–Korean Studies Concentration (p. 183)
- Asian Studies Major, B.A.–Persian Studies Concentration (p. 187)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 191)

Minors

- Arabic Minor (p. 197)
- Asian Studies Minor (p. 195)
- Chinese Minor (p. 198)
- Modern Hebrew Minor (p. 200)
- Hindi-Urdu Minor (p. 201)
- Japanese Minor (p. 203)

- Korean Minor (p. 204)
- Middle Eastern Languages Minor (p. 205)
- Persian Minor (p. 207)
- Southeast Asian Studies Minor (p. 195)

Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

Courses

- Asian Studies (ASIA) (<https://catalog.unc.edu/courses/asia/>)
- Arabic (ARAB) (<https://catalog.unc.edu/courses/arab/>)
- Chinese (CHIN) (<https://catalog.unc.edu/courses/chin/>)
- Hebrew (HEBR) (<https://catalog.unc.edu/courses/hebr/>)
- Hindi-Urdu (HNUR) (<https://catalog.unc.edu/courses/hnur/>)
- Japanese (JAPN) (<https://catalog.unc.edu/courses/japn/>)
- Korean (KOR) (<https://catalog.unc.edu/courses/kor/>)
- Persian ((<https://catalog.unc.edu/courses/prsn/>) PRSN)
- Turkish (TURK) (<https://catalog.unc.edu/courses/turk/>)
- Vietnamese (VIET) (<https://catalog.unc.edu/courses/viet/>)

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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. 711).

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
Core Requirements		
At least two Korean language courses beyond KOR 204. ¹		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: ²		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	
KOR 152	Audiovisual Korea: Music, Art, and Performance from Calligraphy to K-pop	

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	 Global Korea: Migration, Identity, and Community in the Korean Diaspora	
KOR 346/ CMPL 246	 Body Politics in Modern Korean Literature ^H	
ASIA 350	 Transpacific Narratives: Oral Histories of Asian America	
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 229	 Breakdancers, Vocaloids, and Gamers: East Asian Youth Cultures	
ASIA 342	 Cultural Productions of East Asia	
ASIA/HIST/ WGST 418	 Family and Gender in Early Modern China and Korea	
ASIA/ECON 469	 Asian Economic Systems	
ASIA 692H	 Senior Honors Thesis II	
Additional Requirements		
Korean through level 4		4
Total Hours		28

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ Students whose initial language placement is above KOR 305 should consult the department.

² 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
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)	3
IDST 111L  Data Literacy Lab	1
Major Courses	
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
Hours	19
Sophomore Year	
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
Hours	11
Junior Year	
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
Hours	12
Senior Year	
Major culture course	3
Either of:	3
KOR 4--- KOR 400-Level Elective (4th-year language course, if available)	

Major culture course	
Hours	6
Total Hours	48





Sample Plan Two

This plan is for a student who has placed into KOR 203.

First Year	Hours
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)	3
IDST 111L  Data Literacy Lab	1
Major Courses	
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
Hours	19
Sophomore Year	
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
Hours	9
Junior Year	
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	
Hours	6
Senior Year	
Major culture course	3
Either of:	3
KOR 4--- KOR 400-Level Elective (4th-year language course, if available)	
Major culture course	
Hours	6
Total Hours	40

Sample Plan Three

This plan is for a student who has placed into KOR 305.

First Year	Hours
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)	3
IDST 111L  Data Literacy Lab	1
Major Courses	
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
Hours	17
Sophomore Year	
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	
Hours	6
Junior Year	
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	
Hours	6
Senior Year	
Either of:	3
KOR 4--- KOR 400-Level Elective (4th-year language course, if available)	
Major culture course	
Hours	3
Total Hours	32

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.

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Department Programs

Majors

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- Asian Studies Major, B.A.—Arab Cultures Concentration (p. 169)
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- Asian Studies Major, B.A.—Japanese Concentration (p. 179)
- Asian Studies Major, B.A.—Korean Studies Concentration (p. 183)
- Asian Studies Major, B.A.—Persian Studies Concentration (p. 187)
- Asian Studies Major, B.A.—South Asian Studies Concentration (p. 191)

Minors

- Arabic Minor (p. 197)
- Asian Studies Minor (p. 195)
- Chinese Minor (p. 198)
- Modern Hebrew Minor (p. 200)

- Hindi-Urdu Minor (p. 201)
- Japanese Minor (p. 203)
- Korean Minor (p. 204)
- Middle Eastern Languages Minor (p. 205)
- Persian Minor (p. 207)
- Southeast Asian Studies Minor (p. 195)

Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

Courses

- Asian Studies (ASIA) (<https://catalog.unc.edu/courses/asia/>)
- Arabic (ARAB) (<https://catalog.unc.edu/courses/arab/>)
- Chinese (CHIN) (<https://catalog.unc.edu/courses/chin/>)
- Hebrew (HEBR) (<https://catalog.unc.edu/courses/hebr/>)
- Hindi-Urdu (HNUR) (<https://catalog.unc.edu/courses/hnur/>)
- Japanese (JAPN) (<https://catalog.unc.edu/courses/japn/>)
- Korean (KOR) (<https://catalog.unc.edu/courses/kor/>)
- Persian ((<https://catalog.unc.edu/courses/prsn/>) PRSN)
- Turkish (TURK) (<https://catalog.unc.edu/courses/turk/>)
- Vietnamese (VIET) (<https://catalog.unc.edu/courses/viet/>)

Contact Information

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Visit Program Website (<http://asianstudies.unc.edu>)
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Asian Studies Major, B.A. – Persian Studies Concentration

Persian (Farsi) is the official language of Iran, Afghanistan (where it is called Dari), and Tajikistan (where it is called Tajiki), and is spoken by over 100 million people worldwide. With a literary tradition that spans more than a millennium, Persian boasts one of the world's richest and most influential bodies of poetry, prose, philosophy, and historiography. Persian has played a major role in the cultural and intellectual history of the Middle East, Central Asia, and South Asia.

The Persian Studies concentration provides students with a strong foundation in the Persian language while offering broad exposure to

the cultures, histories, and literatures of the Persian-speaking world. Students develop language skills in reading, writing, listening, and speaking through a sequenced curriculum that emphasizes authentic materials, including modern and classical literature, media, and film. Instruction integrates both formal (written) and colloquial (spoken) Persian, preparing students for academic research, professional use, and everyday communication.

In addition to language courses, students explore the rich traditions of Persianate societies through interdisciplinary offerings in literature, visual culture, cinema, religion, and history. Coursework covers both the pre-modern and modern periods, highlighting the intersections between Iran and neighboring regions such as the Arab world, Central Asia, and South Asia.

The Persian Studies concentration equips students with critical cultural literacy and global perspectives valuable in fields such as international relations, education, translation, journalism, nonprofit work, business, and academia. Graduates of the program are prepared for further study in Middle Eastern studies, comparative literature, and related 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







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. 711).

The major requires eight core courses (24 credit hours), as described below.

Code	Title	Hours
Core Requirements		
Language requirement (two courses):		6
PRSN 305	Persian Short Stories	
PRSN 306	Persian Language through Literature and Film	
One introductory-level course in Persian Studies:		3
ASIA/PWAD 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan ¹	
ASIA 124	 Iranian Post-1979 Cinema	
ASIA 126	 Introduction to Persian Literature	

ASIA/WGST 127	 Iranian Women Writers	
Three upper-level courses in Persian Studies:		9
ASIA/CMPL 256	 Love in Classical Persian Poetry	
ASIA/CMPL 258	 Iranian Prison Literature	
ASIA 431	 Persian Sufi Literature	
ASIA/RELI 583	 Religion and Culture in Iran, 1500-Present	
ASIA 692H	 Senior Honors Thesis II	
One Regional course (see list below) ¹		3
One additional elective course, chosen from the following options: ¹		3
An additional course from the introductory-level list		
An additional course from the upper-level list		
An additional course from the Regional list		
Additional Requirements		
Persian through level 4 ²		3
Total Hours		27

¹ No more than one first-year seminar may be included among the eight required major courses.

² The first three levels of Persian (PRSN) 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 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 in the concentration in Persian studies. To register, a student must obtain the approval of the associate chair and the faculty member who will supervise the project.

Regional Coursework

To ensure that students learn to place their knowledge of Persian Studies within a broader regional context, students are required to take at least one course about South Asia and India or the Middle East and the Islamicate World.

Code	Title	Hours
South Asia and India Focus Courses		
ASIA 59	 First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan ¹	3
ASIA 61	 First-Year Seminar: A Tour of South Asia's Regional Art Cinemas ¹	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 152	 Survey of South Asian Cultural History	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
ASIA/CMPL 261	 India and Orientalism	3
ASIA 262	 Nation, Film, and Novel in Modern India	3
ASIA/GEOG 267	 South Asia	3
ASIA/HIST 272	Modern South Asia	3
ASIA 331/HIST 335	 Cracking India: Partition and Its Legacy in South Asia ^H	3
ASIA 332	 The Story of Rama in India	3
ASIA 333	 The Mahabharata: Remembered and Reimagined	3
ASIA/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/RELI 386	Dance and Embodied Knowledge in the Indian Context	3
ASIA/HIST 440	Gender in Indian History	3
ASIA 441/HIST 442	Religion, Co-existence, and Conflict in Pre-Colonial India	3
ASIA/RELI 482	Sex, Gender, and Religion in South Asia	3
ASIA 522	 Beauty and Power in the Classical Indian World	3
ASIA/HIST 557	Fiction and History in India	3
ASIA/RELI 582	 Islam and Islamic Art in South Asia	3
HNUR/RELI 592	Religious Conflict and Literature in India	3
Middle East and the Islamicate World		
ASIA/JWST 60	 First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities ¹	3
ASIA 73	 First-Year Seminar: Popular Culture in the Arab World ¹	3
ASIA 74	 First-Year Seminar: Imagining Palestine ¹	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	 Islam and Muslim Life before 1500	3
ASIA/RELI 181	 Islam and Muslim Life since 1500	3
ASIA/JWST 235	 Israeli Cinema: Gender, Nation, and Ethnicity ^H	3
ASIA/HIST 276	 The Modern Middle East	3
ASIA/HIST/PWAD 277	 The Conflict over Israel/Palestine	3
ASIA/RELI 279	 Islamic Law, Ethics, and Practice	3

ASIA/WGST 329	Middle East Women Writers	3
ASIA/JWST 358	Religion and Tradition in Israeli Cinema, TV, and Literature	3
ASIA/CMPL 359	Literary Diasporas of the Middle East	3
ASIA/JWST 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3
ARAB/ANTH 432	Science and Society in the Middle East	3
ARAB 434	Modern Arabic Literature in Translation	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
ARAB 453	Film, Nation, and Identity in the Arab World	3
ASIA/JWST 462	The Arab-Jews: Culture, Community, and Coexistence	3
ASIA/WGST 471	Gender and Sexuality in Middle Eastern Literature	3
ASIA/RELI 485	Gender and Sexuality in Islam	3
ASIA/RELI 486	Islam and Feminism/Islamic Feminism	3
ASIA/HIST 536	Revolution in the Modern Middle East	3
ASIA/WGST 537	Women in the Middle East	3
ASIA/HIST 538	The Middle East and the West	3
ASIA/RELI 581	Sufism	3
ASIA/RELI 584	The Qur'an as Literature	3
ASIA/RELI 587	Islam and Sexual Diversity	3
ASIA/ARAB/RELI 681	Readings in Islamicate Literatures	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.

¹ No more than one first-year seminar may be included among the eight required major courses.

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 Persian 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 Persian 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 Persian, or has some background but has placed into PRSN 101.

First Year		Hours
First-Year Foundation Courses		
IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)		3
IDST 111L	Data Literacy Lab	1
Major Courses		
PRSN 101	Elementary Persian I (fall only)	3
PRSN 102	Elementary Persian II (spring only)	3
Introductory-level course in Persian Studies		3
Hours		17
Sophomore Year		
PRSN 203	Intermediate Persian I (fall only)	3
PRSN 204	Intermediate Persian II (spring only)	3
Upper-level course in Persian studies		3
Hours		9
Junior Year		
PRSN 305	Persian Short Stories (fall only)	3
PRSN 306	Persian Language through Literature and Film (spring only)	3
Upper-level course in Persian studies		3
Upper-level course in Persian studies		3
Hours		12
Senior Year		
Regional course		3
Core elective		3
Hours		6
Total Hours		44

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. 161)
- Asian Studies Major, B.A. – Arab Cultures Concentration (p. 169)
- Asian Studies Major, B.A. – Chinese Concentration (p. 173)
- Asian Studies Major, B.A. – Japanese Concentration (p. 179)
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Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

Courses

- Asian Studies (ASIA) (<https://catalog.unc.edu/courses/asia/>)
- Arabic (ARAB) (<https://catalog.unc.edu/courses/arab/>)
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- Korean (KOR) (<https://catalog.unc.edu/courses/kor/>)
- Persian ((<https://catalog.unc.edu/courses/prsn/>) PRSN)
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- Vietnamese (VIET) (<https://catalog.unc.edu/courses/viet/>)

Contact Information

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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. 711).

Code	Title	Hours
Core Requirements		
Two Hindi-Urdu courses beyond HNUR 204. ¹		6
One of the following introductory courses: ²		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
Additional Requirements		
HNUR through level 4 ³		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
Total Hours		30






















¹ Students whose initial language placement is above HNUR 305 should consult the department.

² It is recommended that students take this course either prior to or concurrent with upper-level South Asian literature and culture classes.

³ 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 and Orientalism	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 ^H	3
ASIA/RELI 285	 Monks, Magic, & Meditation: Theravada Buddhism Across Space and Time	3
ASIA 300/ RELI 283	 The Buddhist Tradition: India, Nepal, and Tibet	3
ASIA 331/ HIST 335/ PWAD 331	 Cracking India: Partition and Its Legacy in South Asia ^H	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
ASIA/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/PWAD 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

^H 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
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)		3
IDST 111L	 Data Literacy Lab	1
Major Courses		
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
Hours		19
Sophomore Year		
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
Hours		12
Junior Year		
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
Hours		12
Senior Year		
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	
Hours		6
Total Hours		49

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
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)		3
IDST 111L	 Data Literacy Lab	1
Major Courses		
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
Hours		19
Sophomore Year		
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
Hours		10
Junior Year		
Major culture course		3
Either of:		3
HNUR 4XX (4th year language class, if available)		
Major culture course numbered 200 or above		
Hours		6
Senior Year		
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	
Hours	6
Total Hours	41

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
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)	3
IDST 111L  Data Literacy Lab	1
Major Courses	
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
Hours	15
Sophomore Year	
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
Hours	7
Junior Year	
Major culture course	3
Either of:	3
HNUR 4XX (4th year language class, if available)	
Major culture course numbered 200 or above	
Hours	6
Senior Year	
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	
Hours	6
Total Hours	34

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

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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

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Minors

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- Asian Studies Minor (p. 195)
- Chinese Minor (p. 198)
- Modern Hebrew Minor (p. 200)
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- Southeast Asian Studies Minor (p. 195)

Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

Courses

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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. 711).

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. 161). 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. 161) for special opportunities.

Department Programs

Majors

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Southeast Asian Studies Minor

From environmental ecologies and languages to systems of belief and political histories, Southeast Asia is one of the most diverse regions in the world. This minor provides an interdisciplinary overview of the

cultures and peoples residing in the 11 countries that constitute this region, including Brunei Darussalam, Cambodia, Indonesia, Laos, Malaysia, Myanmar, the Philippines, Singapore, Thailand, Timor Leste, and Vietnam, as well as their diasporas.

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. 711).

Code	Title	Hours
Core requirements		
Four courses chosen from among the following:		12
GEOG 64	 First-Year Seminar: Vietnam	
HIST/ASIA 131	 Southeast Asia before 1800 through Digital History	
HIST/ASIA 132	 Modern Southeast Asia	
MUSC/ASIA 240	Performance in Southeast Asia: Gongs, Punks, and Shadow Plays	
LING/ASIA 260	 Languages of Southeast Asia	
GEOG 266	 Society and Environment in Southeast Asia	
RELI/ASIA 285	 Monks, Magic, & Meditation: Theravada Buddhism Across Space and Time	
AMST/ASIA 353	 Southeast Asian North Carolina	
ANTH/ASIA 375	Memory, Massacres, and Monuments in Southeast Asia	
RELI/ASIA 384	Religion and Globalization in Southeast Asia	
HIST/ASIA/ PWAD 570	The Vietnam War	
VIET 204	Intermediate Vietnamese II (taught in Vietnamese)	
VIET 305	 Advanced Vietnamese I (taught in Vietnamese)	
Total hours		12

Placement credit (PL) may not be used to meet minor requirements.

One transfer or Study Abroad course that is sufficiently focused on Southeast Asia may be approved for use in the minor.

Special Opportunities

Many opportunities are provided to students through the Bringing Southeast Asia Home initiative at the Carolina Asia Center (<https://carolinaasiacenter.unc.edu/>), including research funding, both independently and through the Summer Undergraduate Research Fellowship (SURF) program (<https://our.unc.edu/fund/surf/>). Students are encouraged to pursue funding for Southeast Asian language study outside of UNC through the Foreign Language and Area Studies (FLAS) awards (<https://www2.ed.gov/programs/iegpsflasf/>). Students may also consider engaging with the National University of Singapore, one

of UNC's strategic partners, either through the joint degree program (<https://studyabroad.unc.edu/find-program/joint-degree/>), other Study Abroad opportunities, or the Phillips Ambassador Program (<https://phillips.unc.edu/>). Students hoping to engage with the Southeast Asian diaspora may apply for funding through the Southern Futures (<https://southernfutures.unc.edu/>) program. Lastly, numerous Southeast Asia focused events are held annually by the Carolina Asia Center.

Department Programs

Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 161)
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Minors

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Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

Courses

- Asian Studies (ASIA) (<https://catalog.unc.edu/courses/asia/>)
- Arabic (ARAB) (<https://catalog.unc.edu/courses/arab/>)
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- Turkish (TURK) (<https://catalog.unc.edu/courses/turk/>)
- Vietnamese (VIET) (<https://catalog.unc.edu/courses/viet/>)

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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. 711).

The undergraduate minor in Arabic consists of four courses.

Code	Title	Hours
Core Requirements		
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	
ARAB 409	 Performing Arts in the Arab World	
ARAB 410	 Visual Arts in the Arab World	
One additional course chosen from among the following:		3
GEOG 59	 First-Year Seminar: Space, Identity, and Power in the Middle East	
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	 Islam and Muslim Life before 1500
ASIA/RELI 181	 Islam and Muslim Life since 1500
RELI 185	 Women/Gender/Islam ^H
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/ PWAD 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/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
ARAB 409	 Performing Arts in the Arab World
ARAB 410	 Visual Arts in the Arab World
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/CMPL 535	 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
GEOG 448	Transnational Geographies of Muslim Societies
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
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/ 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 584	 The Qur'an as Literature
FREN 617	Framing Identities: Franco-Arab Transvisual Transcultural Contexts
ARAB/ASIA/RELI 681	Readings in Islamicate Literatures
Total Hours	
12-13	

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. 169) for special opportunities.

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Minors

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Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

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- Turkish (TURK) (<https://catalog.unc.edu/courses/turk/>)
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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. 711).

The undergraduate minor in Chinese consists of five courses.

Code	Title	Hours
Core Requirements		
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	Lens on China: Learning Chinese via Films	
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 520	Stay Tuned to China	
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 ¹	
ASIA 55	First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture ¹	
ASIA/WGST 56	First-Year Seminar: Writing Women in Modern China ^{1, H}	
ASIA 65	First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought ¹	
ASIA 75	First-Year Seminar: Love in China ¹	
ASIA 76	First-Year Seminar: Traveling to China and Traveling from China in the Premodern World ¹	
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 ^H	
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/HIST 265	 Imperial China in Global Objects	
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/HIST/ WGST 418	 Family and Gender in Early Modern China and Korea	
CHIN/HIST 439	 Environmental China: Premodern Political Ecology	
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/CMPL 545	 Chinese Science Fiction	
CHIN 551	 Chinese Poetry in Translation	
CHIN 552	 Chinese Prose in Translation	
CHIN 562	 Contemporary Chinese Urban Culture and Arts	
Total Hours		15-16

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ 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. 173) for Special Opportunities.

Department Programs

Majors

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Minors

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Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

Courses

- Asian Studies (ASIA) (<https://catalog.unc.edu/courses/asia/>)
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- Korean (KOR) (<https://catalog.unc.edu/courses/kor/>)
- Persian ((<https://catalog.unc.edu/courses/prsn/>) PRSN)
- Turkish (TURK) (<https://catalog.unc.edu/courses/turk/>)
- Vietnamese (VIET) (<https://catalog.unc.edu/courses/viet/>)

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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. 711).

The undergraduate minor in Hebrew consists of four courses.

Code	Title	Hours
Core Requirements		
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 ^H	
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/
PWAD 462  The Arab-Jews: Culture, Community, and
Coexistence

A fourth course chosen from either the language or culture list above. 3

Total Hours 12

H 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. 161) for special opportunities.

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Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-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. 711).

The undergraduate minor in Hindi-Urdu consists of four courses.

Code	Title	Hours
Core Requirements		
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:	
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 and Orientalism
ASIA 262	 Nation, Film, and Novel in Modern India
ASIA/HIST 272	Modern South Asia
ASIA/RELI 280	Hindu Gods and Goddesses ^H
ASIA/RELI 285	 Monks, Magic, & Meditation: Theravada Buddhism Across Space and Time
ASIA 300/RELI 283	 The Buddhist Tradition: India, Nepal, and Tibet
ASIA 331/HIST 335/PWAD 331	 Cracking India: Partition and Its Legacy in South Asia ^H
ASIA 332	 The Story of Rama in India
ASIA 333	 The Mahabharata: Remembered and Reimagined
ANTH 361	Community in India and South Asia
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

Total Hours **12-13**

^H 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. 161) for special opportunities.

Department Programs

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Minors

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Graduate Programs

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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. 711).

Code	Title	Hours
Core Requirements		
Four language courses beyond JAPN 203, chosen from among the following:		12-13
JAPN 204	Intermediate Japanese II	
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	
Total Hours		12-13

Placement credit (PL) may not be used to meet minor requirements.

See the program page here (p. 182) for special opportunities.

Department Programs

Majors

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- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 169)
- Asian Studies Major, B.A.–Chinese Concentration (p. 173)
- Asian Studies Major, B.A.–Japanese Concentration (p. 179)
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- Asian Studies Major, B.A.–Persian Studies Concentration (p. 187)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 191)

Minors

- Arabic Minor (p. 197)
- Asian Studies Minor (p. 195)
- Chinese Minor (p. 198)
- Modern Hebrew Minor (p. 200)
- Hindi-Urdu Minor (p. 201)
- Japanese Minor (p. 203)

- Korean Minor (p. 204)
- Middle Eastern Languages Minor (p. 205)
- Persian Minor (p. 207)
- Southeast Asian Studies Minor (p. 195)

Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

Courses

- Asian Studies (ASIA) (<https://catalog.unc.edu/courses/asia/>)
- Arabic (ARAB) (<https://catalog.unc.edu/courses/arab/>)
- Chinese (CHIN) (<https://catalog.unc.edu/courses/chin/>)
- Hebrew (HEBR) (<https://catalog.unc.edu/courses/hebr/>)
- Hindi-Urdu (HNUR) (<https://catalog.unc.edu/courses/hnur/>)
- Japanese (JAPN) (<https://catalog.unc.edu/courses/japn/>)
- Korean (KOR) (<https://catalog.unc.edu/courses/kor/>)
- Persian ((<https://catalog.unc.edu/courses/prsn/>) PRSN)
- Turkish (TURK) (<https://catalog.unc.edu/courses/turk/>)
- Vietnamese (VIET) (<https://catalog.unc.edu/courses/viet/>)

Contact Information

Department of Asian and Middle Eastern Studies

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

New West 113, CB# 3267

(919) 962-4294

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Chair

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Student Services Specialist

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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. 711).

The undergraduate minor in Korean consists of four courses.

Code	Title	Hours
Core Requirements		
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 152	Audiovisual Korea: Music, Art, and Performance from Calligraphy to K-pop	
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	 Global Korea: Migration, Identity, and Community in the Korean Diaspora	
KOR 346/ CMPL 246	 Body Politics in Modern Korean Literature ^H	
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	
KOR 490	Topics in Korean Language and Literature	
Total Hours		12-13

- H 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. 168) for special opportunities.

Department Programs

Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 161)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 169)
- Asian Studies Major, B.A.–Chinese Concentration (p. 173)
- Asian Studies Major, B.A.–Japanese Concentration (p. 179)
- Asian Studies Major, B.A.–Korean Studies Concentration (p. 183)
- Asian Studies Major, B.A.–Persian Studies Concentration (p. 187)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 191)

Minors

- Arabic Minor (p. 197)
- Asian Studies Minor (p. 195)
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- Modern Hebrew Minor (p. 200)
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Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

Courses

- Asian Studies (ASIA) (<https://catalog.unc.edu/courses/asia/>)
- Arabic (ARAB) (<https://catalog.unc.edu/courses/arab/>)
- Chinese (CHIN) (<https://catalog.unc.edu/courses/chin/>)
- Hebrew (HEBR) (<https://catalog.unc.edu/courses/hebr/>)
- Hindi-Urdu (HNUR) (<https://catalog.unc.edu/courses/hnur/>)
- Japanese (JAPN) (<https://catalog.unc.edu/courses/japn/>)
- Korean (KOR) (<https://catalog.unc.edu/courses/kor/>)
- Persian ((<https://catalog.unc.edu/courses/prsn/>) PRSN)
- Turkish (TURK) (<https://catalog.unc.edu/courses/turk/>)
- Vietnamese (VIET) (<https://catalog.unc.edu/courses/viet/>)

Contact Information

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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. 711).

Code	Title	Hours
Core Requirements		
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
Total Hours		15-18

All courses must be selected from the list below:

Code	Title	Hours
Arabic		
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
ARAB 409	 Performing Arts in the Arab World	3
ARAB 410	 Visual Arts in the Arab World	3
Modern Hebrew		
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
Hindi-Urdu		
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
Persian		
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 and Film	3
Turkish		
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
TURK 306	Advanced Turkish II	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. 161) for special opportunities.

Department Programs

Majors

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- Asian Studies Major, B.A. –Chinese Concentration (p. 173)
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- Persian Minor (p. 207)
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Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

Courses

- Asian Studies (ASIA) (<https://catalog.unc.edu/courses/asia/>)
- Arabic (ARAB) (<https://catalog.unc.edu/courses/arab/>)
- Chinese (CHIN) (<https://catalog.unc.edu/courses/chin/>)
- Hebrew (HEBR) (<https://catalog.unc.edu/courses/hebr/>)
- Hindi-Urdu (HNUR) (<https://catalog.unc.edu/courses/hnur/>)
- Japanese (JAPN) (<https://catalog.unc.edu/courses/japn/>)
- Korean (KOR) (<https://catalog.unc.edu/courses/kor/>)
- Persian ((<https://catalog.unc.edu/courses/prsn/>) PRSN)
- Turkish (TURK) (<https://catalog.unc.edu/courses/turk/>)
- Vietnamese (VIET) (<https://catalog.unc.edu/courses/viet/>)

Contact Information

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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. 711).

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
Core Requirements		
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 and Film	
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 ^H	
ASIA/RELI 180	Islam and Muslim Life before 1500	
ASIA/RELI 181	Islam and Muslim Life since 1500	
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 435/ CMPL 535/ 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
Total Hours		12

^H 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. 161) for special opportunities.

Department Programs

Majors

- Asian Studies Major, B.A. – Interdisciplinary Concentration (p. 161)
- Asian Studies Major, B.A. – Arab Cultures Concentration (p. 169)
- Asian Studies Major, B.A. – Chinese Concentration (p. 173)
- Asian Studies Major, B.A. – Japanese Concentration (p. 179)
- Asian Studies Major, B.A. – Korean Studies Concentration (p. 183)
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Minors

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- Asian Studies Minor (p. 195)
- Chinese Minor (p. 198)
- Modern Hebrew Minor (p. 200)
- Hindi-Urdu Minor (p. 201)
- Japanese Minor (p. 203)
- Korean Minor (p. 204)

- Middle Eastern Languages Minor (p. 205)
- Persian Minor (p. 207)
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Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<https://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

Courses

- Asian Studies (ASIA) (<https://catalog.unc.edu/courses/asia/>)
- Arabic (ARAB) (<https://catalog.unc.edu/courses/arab/>)
- Chinese (CHIN) (<https://catalog.unc.edu/courses/chin/>)
- Hebrew (HEBR) (<https://catalog.unc.edu/courses/hebr/>)
- Hindi-Urdu (HNUR) (<https://catalog.unc.edu/courses/hnur/>)
- Japanese (JAPN) (<https://catalog.unc.edu/courses/japn/>)
- Korean (KOR) (<https://catalog.unc.edu/courses/kor/>)
- Persian ((<https://catalog.unc.edu/courses/prsn/>) PRSN)
- Turkish (TURK) (<https://catalog.unc.edu/courses/turk/>)
- Vietnamese (VIET) (<https://catalog.unc.edu/courses/viet/>)

Contact Information

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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 (<https://catalog.unc.edu/graduate/schools-departments/biochemistry-biophysics/>)
- Ph.D. in Biochemistry and Biophysics (<https://catalog.unc.edu/graduate/schools-departments/biochemistry-biophysics/>)

Courses

- Biochemistry (BIOC) (<https://catalog.unc.edu/courses/bioc/>)

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) (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) 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 multiple confocal microscopes and associated support facilities, a P3 laboratory, animal care facilities, 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. 209)
- Biology Major, B.S.—Quantitative Biology Track (p. 214)
- Biology Major, B.A. (p. 218)

Minor

- Biology Minor (p. 222)

Graduate Programs

- M.A. in Biology (<https://catalog.unc.edu/graduate/schools-departments/biology/>)
- M.S. in Biology (<https://catalog.unc.edu/graduate/schools-departments/biology/>)
- Ph.D. in Biology (<https://catalog.unc.edu/graduate/schools-departments/biology/>)

Courses

- Biology (BIOL)

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. Dangel, Robert J. Duronio, Terrence S. Furey, Patricia G. Gensel, Robert P. Goldstein, Tyson L. Hedrick, Allen H. Hurlbert, Corbin D. Jones, Joseph J. Kieber, Joel G. Kingsolver, Alain Laederach, Kenneth J. Lohmann, Amy S. Maddox, A. Gregory Matera, Ann G. Matthysse, 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, Toshihide Hige, Paul S. Maddox, Daniel J. McKay, Sophie McCoy, Zachary Nimchuk, Stephen L. Rogers, Celia Shiao, Kevin C. Slep, Keith W. Sockman, Todd J. Vision.

Assistant Professors

Jiakun Chen, Rob Downen, Xiao Feng, Kacy Gordon, Parul Johri, Benjamin Parker, Eric Riddell, En Yang, Senay Yitbarek.

Teaching Professors

Corey S. Johnson, Gidi Shemer.

Teaching Associate Professors

Mara Evans, Catherine M. F. Lohmann.

Teaching Assistant Professors

Jordan Claytor, Alaina Garland, Eric Hastie, Laura Ott, Lillian Zwemer.

Affiliated Faculty

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Research Faculty

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Universidad San Francisco de Quito, Ecuador Affiliated Faculty

Paul Cardenas, Jaime Chaves, Juan Guayasamin, Alex Hearn, Antonio Leon-Reyes, Maria de Lourdes Torres.

Professors Emeriti

Aristotle Domnas, J. Alan Feduccia, Sarah R. Grant, William M. Kier, Gustavo P. Maroni, Steven W. Matson, Edward D. Salmon, Lillie L. Searles, Alan E. Stiven, Peter S. White, R. Haven Wiley.

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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. 711).

Code	Title	Hours
Gateway Course		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{1, H, F}	4
Core Requirements		
Fundamentals Core Courses		
BIOL 103	 How Cells Function ^{2, F}	3
BIOL 104	 Biodiversity ^{2, H, F}	3
BIOL 105L	 Biological Research Skills	3
Intermediate Level Core Courses		
Two from among the following five options: ³		6-7
BIOL 220	 Molecular Genetics ^H	
BIOL 240	Cell Biology ^H	
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 200 (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). ENEC 489 can also count as a biology elective. ^{4,5}

Additional Requirements		
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
CHEM 261	Introduction to Organic Chemistry I ^H	3
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
Two of the following:		6-8
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	
PHYS 115	 General Physics II: For Students of the Life Sciences ^F	
or PHYS 119  Introductory Calculus-based Electromagnetism and Quanta		
COMP 110	 Introduction to Programming ^H	
or COMP 111  Introduction to Scientific Programming		
or BIOL 222  Introduction to Programming with Biological Data		
STOR 120	 Foundations of Statistics and Data Science ^{H, F}	
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 ^F	
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	

A choice of two additional allied sciences electives selected from the course list below (some courses are more than 3 credits)

Remaining General Education requirements and enough free electives to accumulate 120 academic hours

Total Hours 64-67





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.

¹ With a C grade or better in BIOL 101
² Both BIOL 103 and BIOL 104 need to be completed before taking a 400-level BIOL class in the major.
³ Core courses taken beyond the two required ones may be used as electives.
⁴ 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).














- ⁵ BIOL 395 counts as a one semester laboratory course for students entering in Fall 2022 or later, however, additional research for credit will not count towards the major. 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
Organismal Structure and Diversity Course List		
BIOL 271 & 271L	 Plant Biology and  Plant Biology Laboratory	4
BIOL 272 & 272L	Local Flora and Local Flora Lab	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 Bacterial Genetics Laboratory 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 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 ^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.
- ^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
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F	3
IDST 111L  Data Literacy Lab	1
Global Language through level 3 (p. 649)	varies
Major Courses	
BIOL 101  Principles of Biology & 101L  and  Introductory Biology Laboratory ^{H, F}	4
CHEM 101  General Descriptive Chemistry I & 101L  and  Quantitative Chemistry Laboratory I ^{H, F}	4

A fundamentals course BIOL 103 or BIOL 104	3
BIOL 105L  Biological Research Skills	3
MATH 231  Calculus of Functions of One Variable I ^{H, F}	4
Additional Courses	
Gen Ed courses	6
Hours	32
Sophomore Year	
The remaining Fundamentals course BIOL 103 or 104	3
Two core BIOL courses	6
CHEM 102  General Descriptive Chemistry II & 102L  and Quantitative Chemistry Laboratory II ^{H, F}	4
CHEM 261  Introduction to Organic Chemistry I ^H	3
First course from among COMP, MATH, PHYS, STOR options (see course list on the Requirements tab)	3-4
Lifetime Fitness	1
Gen Ed and elective courses	9
Hours	30
Junior Year	
PHYS 114  General Physics I: For Students of the Life or PHYS 118  Sciences ^F or  Introductory Calculus-based Mechanics and Relativity	4
Second course from among COMP, MATH, PHYS, STOR options (see course list on the Requirements tab)	3-4
Biology electives (two courses, one with lab)	7
Gen Ed and elective courses	15
Hours	30
Senior Year	
Biology electives (two courses, one with lab)	7
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	15
Hours	28
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.

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 Experience

After completing BIOL 201 or BIOL 202 (or a 200-level core course under the new curriculum), students are encouraged to pursue high-impact experience opportunities. The department offers several courses that meet the High-Impact Experience and the Research and Discovery requirements 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. 209)
- Biology Major, B.S.–Quantitative Biology Track (p. 214)
- Biology Major, B.A. (p. 218)

Minor

- Biology Minor (p. 222)

Graduate Programs

- M.A. in Biology (<https://catalog.unc.edu/graduate/schools-departments/biology/>)
- M.S. in Biology (<https://catalog.unc.edu/graduate/schools-departments/biology/>)
- Ph.D. in Biology (<https://catalog.unc.edu/graduate/schools-departments/biology/>)

Courses

- Biology (BIOL)

Contact Information

Department of Biology

Visit Program Website (<http://bio.unc.edu>)
Coker Hall, 120 South Road, CB# 3280
(919) 962-3390

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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. 711).

Code	Title	Hours
Gateway Course		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{1, H, F}	4
Core Requirements		
Fundamentals courses		
BIOL 103	 How Cells Function ^{2, F}	3
BIOL 104	 Biodiversity ^{2, H, F}	3
BIOL 105L	 Biological Research Skills	3
Intermediate Level Core Courses		
One of the following five options: ³		4
BIOL 220	 Molecular Genetics ^H	

BIOL 240	Cell Biology ^H	
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 ⁴		8
A choice of three biology electives over BIOL 200 (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: ⁵		9-12
BIOL 214H	 Mathematics of Evolutionary Processes	
BIOL 224H	The Mathematics of Life ⁵	
BIOL 226	Mathematical Methods for Quantitative Biology ⁵	
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 ⁵	
BIOL 526	Computational Genetics ^{5, H}	
BIOL 527	Seminar in Quantitative Biology ⁵	
BIOL 528	Quantitative Personalized Genomics ⁵	
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 ⁵	
BIOL 554	Introduction to Computational Neuroscience	
BIOL 562	Statistics for Environmental Scientists ⁵	
BIOL 563	Statistical Analysis in Ecology and Evolution	
BIOL 564	Population Ecology	
BIOL 642	Advanced Studies of Cell Division ⁵	
COMP 555	Bioalgorithms	
MATH 564	Mathematical Modeling in the Life Sciences	
PHYS 405	Biological Physics	
PHYS 461	Introduction to Medical Physics	
Additional Requirements		
BIOS 600 or STOR 155 or STOR 151 or STOR 120	Principles of Statistical Inference  Introduction to Data Models and Inference  Introduction to Data Analysis  Foundations of Statistics and Data Science	3
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
CHEM 261	Introduction to Organic Chemistry I ^H	3
Select one of the following:		3
BIOL 222	 Introduction to Programming with Biological Data	
COMP 110	 Introduction to Programming ^H	

COMP 116	Introduction to Scientific Programming	
COMP 401	Foundation of Programming ^H	
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	Calculus of Functions of Several Variables ^{H, F}	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 ^F	
PHYS 118	Introductory Calculus-based Mechanics and Relativity ^{H, F}	
One of the following:		4
PHYS 115	General Physics II: For Students of the Life Sciences ^F	
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	
A choice of two additional allied sciences electives selected from the course list below (some courses are more than 3 credits) ⁶		6
Enough general education and free electives to accumulate 125 academic hours		varies
Total Hours		125-126

^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.

¹ With a C grade or better in BIOL 101

² Both BIOL 103 and BIOL 104 need to be completed before taking a 400-level BIOL class in the major.

³ Core courses taken beyond the required one may be used as electives.

⁴ 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, BIOL 563, or BIOL 564 / BIOL 564L. One semester of 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.

⁵ 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).

⁶ Premedical students are encouraged to take CHEM 241/CHEM 241L and CHEM 262/CHEM 262L.













Code	Title	Hours
Organismal Diversity Course List		
BIOL 271 & 271L	Plant Biology and Plant Biology Laboratory	4
BIOL 272 & 272L	Local Flora and Local Flora Lab	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 Bacterial Genetics Laboratory	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
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 ^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	3
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.










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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
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	 Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Major Courses		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
A fundamentals course BIOL 103 or BIOL 104		3
BIOL 105L	 Biological Research Skills	3
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
Hours		30
Sophomore Year		
A fundamentals course BIOL 103 or BIOL 104		3
A core BIOL class		3

CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
CHEM 261	Introduction to Organic Chemistry I ^H	3
BIOS 600	Principles of Statistical Inference	3
or	 Introduction to Data Models and Inference	
STOR 155	or  Introduction to Data Analysis	
or	 Foundations of Statistics and Data Science	
STOR 151		
or		
STOR 120		
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
Gen Ed and elective courses		12
Lifetime Fitness (p. 708)		1
Hours		33
Junior Year		
Two Biology electives including one quantitative laboratory		7
PHYS 114	 General Physics I: For Students of the Life Sciences ^F	4
or	 Introductory Calculus-based Mechanics and Relativity	
PHYS 118		
PHYS 115	 General Physics II: For Students of the Life Sciences ^F	4
or	 Introductory Calculus-based Electromagnetism and Quanta	
PHYS 119		
A programming class		3
Gen Ed and elective courses		12
Hours		30
Senior Year		
Three Biology electives		10-11
Allied sciences electives (CHEM 241/CHEM 241L if premed)		6
Electives to accumulate 125 academic hours		16
Hours		32-33
Total Hours		125-126

^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 Experience

After completing BIOL 201 or BIOL 202 (or a 200-level core course under the new curriculum), students are encouraged to pursue high-impact experience opportunities. The department offers several courses that meet the High-Impact Experience and the Research and Discovery requirements 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. 209)
- Biology Major, B.S.–Quantitative Biology Track (p. 214)
- Biology Major, B.A. (p. 218)

Minor

- Biology Minor (p. 222)

Graduate Programs

- M.A. in Biology (<https://catalog.unc.edu/graduate/schools-departments/biology/>)
- M.S. in Biology (<https://catalog.unc.edu/graduate/schools-departments/biology/>)
- Ph.D. in Biology (<https://catalog.unc.edu/graduate/schools-departments/biology/>)

Courses

- Biology (BIOL)

Contact Information

Department of Biology
Visit Program Website (<http://bio.unc.edu>)
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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. 711).

Code	Title	Hours
Gateway Course		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{1, H, F}	4
Core Requirements		
Fundamentals Core Courses		
BIOL 103	 How Cells Function ^{2, F}	3
BIOL 104	 Biodiversity ^{2, H, F}	3
BIOL 105L	 Biological Research Skills	3
Intermediate Level Core Courses		
Two of the following five Core Course options: ³		6-8
BIOL 220	 Molecular Genetics ^H	
BIOL 240	Cell Biology ^H	
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 200 (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 one course in the major must have a laboratory (not including BIOL 101L or BIOL 105L). ^{4,5}		10-11
Additional Requirements		

CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
One of:		3-4
BIOL 222	Introduction to Programming with Biological Data	
COMP 110	Introduction to Programming ^H	
COMP 116	Introduction to Scientific Programming	
MATH 130	Precalculus Mathematics ^F	
MATH 152	Calculus for Business and Social Sciences ^F	
MATH 231	Calculus of Functions of One Variable I ^{H, F}	
STOR 120	Foundations of Statistics and Data Science ^{H, F}	
STOR 151	Introduction to Data Analysis	
STOR 155	Introduction to Data Models and Inference ^{H, F}	
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		53

^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.

¹ With a C grade or better in BIOL 101

² Both BIOL 103 and BIOL 104 need to be completed before taking a 400-level BIOL class in the major.

³ Core courses taken beyond the two required ones may be used as electives.

⁴ 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).

⁵ At least one course in the major must have a laboratory (not including BIOL 101L or BIOL 105L). BIOL 395 counts as a one semester laboratory course for students entering in Fall 2022 or later, however, additional research for credit will not count towards the major. 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
Organismal Structure and Diversity Course List		
BIOL 271 & 271L	Plant Biology and Plant Biology Laboratory	4
BIOL 272 & 272L	Local Flora and Local Flora Lab	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 Bacterial Genetics Laboratory 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 ^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	3
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















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
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Suggested Program of Study for B.A. Majors

First Year	Hours
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F	3
IDST 111L  Data Literacy Lab	1
Global Language through level 3 (p. 649)	varies
Major Courses	
BIOL 101  Principles of Biology & 101L  and  Introductory Biology Laboratory ^{H, F}	4
CHEM 101  General Descriptive Chemistry I & 101L  and  Quantitative Chemistry Laboratory I ^{H, F}	4
BIOL 103  How Cells Function ^F or BIOL 104  or  Biodiversity	3
BIOL 105L  Biological Research Skills	3
STOR 120  Foundations of Statistics and Data Science ^{H, F}	4
Additional Courses	
Gen Ed and elective courses	4
Hours	30

Sophomore Year

BIOL 104  Biodiversity ^{H, F}	3
or BIOL 103  How Cells Function	
One biology core course (BIOL 220, BIOL 240, BIOL 250, BIOL 260, or Organismal course)	4
CHEM 102  General Descriptive Chemistry II	4
& 102L  and Quantitative Chemistry Laboratory II ^{H, F}	
Allied science electives (two courses)	6
Lifetime Fitness	1
Gen Ed and elective courses	11

Hours **29**

Junior Year

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

Hours **30**

Senior Year

Biology electives (two courses)	6-7
Supplemental General Education requirement and free electives as needed to complete 120 academic hours and other requirements	25

Hours **31**

Total Hours **120**

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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 Experience

After completing BIOL 201 or BIOL 202 (or a 200-level core course under the new curriculum), students are encouraged to pursue high-impact experience opportunities. The department offers several courses that meet the High-Impact Experience and the Research and Discovery requirements 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. 209)
- Biology Major, B.S.—Quantitative Biology Track (p. 214)
- Biology Major, B.A. (p. 218)

Minor

- Biology Minor (p. 222)

Graduate Programs

- M.A. in Biology (<https://catalog.unc.edu/graduate/schools-departments/biology/>)

- M.S. in Biology (<https://catalog.unc.edu/graduate/schools-departments/biology/>)
- Ph.D. in Biology (<https://catalog.unc.edu/graduate/schools-departments/biology/>)

Courses

- Biology (BIOL)

Contact Information

Department of Biology

Visit Program Website (<http://bio.unc.edu>)
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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. 711).

A student may minor in biology by taking four biology courses beyond BIOL 101/BIOL 101L.

Code	Title	Hours
Core Requirements		
BIOL 103	 How Cells Function ^F	3
or BIOL 104	 Biodiversity	





One of the following five core course options: 3-4

BIOL 220	 Molecular Genetics ^H	4
BIOL 240	Cell Biology ^H	
BIOL 250	Evolutionary Biology	
BIOL 260	Introduction to Ecology	
An organismal structure and diversity course with lab (see list below)		4
One course with a laboratory ¹		
One course numbered above 400		3-4
Total Hours		13-15

^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.

¹ BIOL 395 counts as a one semester laboratory course for students entering in Fall 2022 or later, however, additional research for credit will not count towards the minor. 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. If the laboratory elective is also over 400, then the student needs to take another BIOL elective so that two biology electives are taken beyond the fundamental and core course requirements.

Code	Title	Hours
Organismal Structure and Diversity Course List		
BIOL 271 & 271L	 Plant Biology and  Plant Biology Laboratory	4
BIOL 272 & 272L	Local Flora and Local Flora Lab	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 Bacterial Genetics Laboratory 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.

Biology (BIOL) course descriptions (p.).

See program page here (p. 221) for special opportunities.

Department Programs

Majors

- Biology Major, B.S. (p. 209)
- Biology Major, B.S.–Quantitative Biology Track (p. 214)
- Biology Major, B.A. (p. 218)

Minor

- Biology Minor (p. 222)

Graduate Programs

- M.A. in Biology (<https://catalog.unc.edu/graduate/schools-departments/biology/>)
- M.S. in Biology (<https://catalog.unc.edu/graduate/schools-departments/biology/>)
- Ph.D. in Biology (<https://catalog.unc.edu/graduate/schools-departments/biology/>)

Courses

- Biology (BIOL)

Contact Information

Department of Biology

Visit Program Website (<http://bio.unc.edu>)
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Lampe Joint Department of Biomedical Engineering

Introduction

The Lampe 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 Lampe Joint 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. 225)

Graduate Programs

- M.S. in Biomedical Engineering (<https://catalog.unc.edu/graduate/schools-departments/biomedical-engineering/>)
- Ph.D. in Biomedical Engineering (<https://catalog.unc.edu/graduate/schools-departments/biomedical-engineering/>)

Courses

- Biomedical Engineering (BMME) (<https://catalog.unc.edu/courses/bmme/>)

Department Chair

Paul Dayton

Associate Chairs

Lianne Cartee, Associate Chair for Education

Shawn Gomez, Associate Chair for Research

Directors

Lianne Cartee, Director of Undergraduate Studies

Matthew Fisher, Director of Graduate Studies

Associate Director

Naji Hussein, Associate Director of Undergraduate Studies

Distinguished Professors

Lianne Cartee, Alumni Distinguished Undergraduate Professor

Paul Dayton, William R. Kenan Jr. Distinguished Professor

Greg M. Forest, Grant Dahlstrom Distinguished Professor

Harvinder Gill, Ronald B. and Cynthia J. McNeill Term Professor

He (Helen) Huang, Jackson Family Distinguished Professor

H. Troy Nagle

Roger Narayan

Koji Sode, William R. Kenan Jr. Distinguished Professor

George (Rick) Stouffer, Ernest and Hazel Craige Distinguished Professor

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Michael Daniele

Paul Dayton

Greg M. Forest

Caterina Gallippi

Harvinder Gill

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Leaf Huang

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Weili Lin

Scott Magness

H. Troy Nagle

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Associate Professors

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Ashley Brown

Yevgeny Brudno

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Oleg Favorov

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Jason Franz

Donald Freytes

Michael Gamcsik

David Hill

Devin Hubbard

Naji Hussein

David Lalush

Jeffrey Macdonald

Ross Petrella

Gianmarco Pinton

Nitin Sharma

Mark Tommerdahl

Anka Veleva

Bruce Wiggin

Assistant Professors

Amy Adkins

Wen Yih Aw

Joseph Burclaff

Silvia Ceballos

Phillip Durham

Alon Greenbaum

Geoffrey Handsfield

Kennita Johnson

I-Chieh Lee

Wesley Legant

Ming Liu

Margo MacDonald

Varun Nalam

Virginie Papadopoulos

William Polachek

Hayley Richardson

Francisco Santibanez

Sarah Shelton

Cameron Taylor

James Tsuruta

Michael Wilkins
Amol Yadav

Professors Emeriti

Frank Abrams
Albert Baner
Carol Lucas
J. Michael Ramsey

Professor of the Practice

Matthew Penny

Lecturers

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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 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. Students may apply to the program as early as their first semester at UNC. Most students apply to

the program during their second semester. Admission to rising juniors will only be granted on a limited basis if space is available. Students who are not accepted to the program after their third semester should select a different major. Students who are interested in the program are encouraged to declare biomedical engineering intent.

More information about the application process is available on the department website (<https://bme.unc.edu/undergraduate/undergraduate-admissions/>).

Students may apply to the program if they are currently enrolled in, or have completed, the following courses with the specified grades (or equivalent AP or IB credit):

Code	Title	Hours
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{1, H, F}	4
ENGL 105	 English Composition and Rhetoric ²	3
MATH 231	 Calculus of Functions of One Variable I ^{1, H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{1, H, F}	4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{1, H, F}	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.

¹ With a grade of C or better. AP, IB, or transfer credit will be accepted according to university policies.

² With a grade of C- or better. Transfer credit will be accepted according to university policies.

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

Students in the Lampe Joint Biomedical Engineering program have access to both curriculum advisors and industry advisors. Curriculum advisors help students choose classes at both UNC and NC State and plan their path to graduation. 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. Industry advisors provide students with valuable advice concerning post-graduate plans, as well as career development opportunities like workshops and resume reviews throughout their time in the program.

Prospective BME students receive advising through the UNC Advising Program (<https://advising.unc.edu/>). They may also meet with the BME student services specialist by scheduling an advising appointment to discuss admissions and course planning. BME curriculum advisors

do not advise students on General Education requirements. Advisors from the UNC 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. 711).





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.

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 below.

Code	Title	Hours
Core Requirements		
Students should take the following courses, preferably in their second year:		
BMME 201	Computer Methods in Biomedical Engineering ^I	3
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 ^H	2
Take three gateway electives to prepare for specialty electives in one or two areas		9
BMME 315	Biotransport	
BMME 325	Biochemistry for Biomedical Engineers or CHEM 43C (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	
STEM elective - see requirements below		3
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 specialty electives - see requirements below		12
Additional Requirements		
Students should take the following courses, preferably in their first two years:		
BIOL 101	 Principles of Biology (BIO 183) ^{H, F}	3

BIOL 101L	 Introductory Biology Laboratory	1
or BIOL 102L	 Introductory Biology Laboratory with Research	
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I (CH 101 + 102) ^{H, F}	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II (CH 201 + 202) ^{H, F}	4
CHEM 261	Introduction to Organic Chemistry I (CH 221 + CH 222) ^H	3
MATH 231	 Calculus of Functions of One Variable I (MA 141) ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II (MA 241) ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables (MA 242) ^{H, F}	4
MATH 383 & 383L	First Course in Differential Equations and First Course in Differential Equations Laboratory (MA 331 or MA 341) ^H	4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity (PY 205 + 206) ^{H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta (PY 208 + 209) ^{H, F}	4
Remaining General Education courses and electives to reach 124 hours		28
Total Hours		124

^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.

¹ While BMME 201 is the recommended course, students may take COMP 116 or COMP 210 in place of BMME 201 if they are pursuing a second major or minor which requires one of those courses.

STEM Elective

Students must take an approved upper level (300 or greater) math, science or engineering course. The list below includes courses at UNC. It does not include BME gateway electives or specialization electives, but any of those courses will meet the STEM 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.

If CHEM 430 replaces BMME 325 as a gateway elective, the STEM elective must be an engineering course (additional gateway elective, additional specialty elective, or other approved engineering course).

Code	Title	Hours
APPL 465	Engineering of Soft Materials: SpongeBob Squarepants and Other Squishy Things	3
BIOL 220	 Molecular Genetics ^H	3
BIOL 443	Developmental Biology	3
BIOL 451	Comparative Physiology	3
CHEM 430	Introduction to Biological Chemistry (GN 311) ^H	3
ENVR 451	Introduction to Environmental Modeling	3
EXSS 380	Neuromuscular Control and Learning ^H	3
EXSS 385	Biomechanics of Sport	3
MATH 347	 Linear Algebra for Applications ^F	3
MATH 381	Discrete Mathematics ^H	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 381	Renewable Electric Power Systems	3
PHYS 461	Introduction to Medical Physics	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.

Specialty Electives


Students are required to complete four specialty electives from no more than two of the five specialization areas listed below. Additional specialty electives may be available each semester through BMME 590 Special Topics courses.

Pharmacoengineering


Code	Title	Hours
UNC Campus		
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
BMME 585	Biotechnology	3
N.C. State Campus		
BME 570	ImmunoEngineering	3

Regenerative Medicine


Code	Title	Hours
UNC Campus		
BMME 435/ PHYS 405/ BIOL 431	Biological Physics	3
BMME/PHYS 441	Thermal Physics	3
or MAE 201	Thermal-Fluid Sciences (NC State)	
or MSE 301	Intro to Thermo (NC State)	

BMME 495	 Undergraduate Research in Biomedical Engineering as a Technical Elective	3
BMME 511	Genetic Engineering	3
BMME 521	Introduction to Synthetic Biology	3
BMME 555	Biofluid Mechanics	3
or CE 282	Hydraulics (NC State)	
or MAE 308	Fluid Mechanics (NC State)	
BMME 572	Analysis of Tissue Engineering Technologies	3
N.C. State Campus		
BME 429	Cellular Engineering	3
BME 448	Functional Tissue Engineering	3
BME 483 & BIT/ BEC 3**/4**	Tissue Engineering Technologies & Biotechnology Course	2+2
BME 484	Fundamentals of Tissue Engineering	3
TE 463	Polymer Engineering	3

Rehabilitation Engineering


Code	Title	Hours
UNC Campus		
BMME 495	 Undergraduate Research in Biomedical Engineering as a Technical Elective	3
BMME 543	Biomechanics of Movement	3
N.C. State Campus		
BME 418	Wearable Biosensors	3
BME 425	Bioelectricity	3
BME 438	Bone Mechanobiology	3
BME 444	Orthopedic Biomechanics	3
BME 456	Rehabilitation Robotics	3

Biosignals and Imaging

Code	Title	Hours
UNC Campus		
BMME 495	 Undergraduate Research in Biomedical Engineering as a Technical Elective	3
BMME 561	Introduction to Medical Imaging	3
BMME 568	Super Resolution-Imaging Beyond Limits	3
BMME 575	Practical Machine Learning for Biosignal Analysis	3
MATH 528	Mathematical Methods for the Physical Sciences I	3
or MA 501	Adv. Math. for Sci. & Engrs. I (NC State)	
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 464	Microscopy	3
ECE 456	Mechatronics	3
ECE 505	Neural Interface Engineering	3














Medical Microdevices

Code	Title	Hours
UNC Campus		
BMME/PHYS 441	Thermal Physics	3
or MAE 201	Thermal-Fluid Sciences (NC State)	

or MSE 301	Intro to Thermo (NC State)	
BMME 495	 Undergraduate Research in Biomedical Engineering as a Technical Elective	3
BMME 555	Biofluid Mechanics	3
or CE 282	Hydraulics (NC State)	
or MAE 308	Fluid Mechanics (NC State)	
BMME 575	Practical Machine Learning for Biosignal Analysis	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

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
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric ²	3
First-Year Seminar or First-Year Launch (p. 640) ^F	3
IDST 111L  Data Literacy Lab	1
Global Language through level 3 (p. 649) ³	3-4
Major Courses	
MATH 231  Calculus of Functions of One Variable I ^{1, H, F}	4
MATH 232  Calculus of Functions of One Variable II ^{1, H, F}	4
PHYS 118  Introductory Calculus-based Mechanics and Relativity ^{1, H, F}	4
CHEM 101 & 101L  General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{1, H, F}	4
BIOL 101 & 101L  Principles of Biology and  Introductory Biology Laboratory (or BIOL 102L) ^{H, F}	4
Hours	31-32
Sophomore Year	
Major Courses	
MATH 233  Calculus of Functions of Several Variables ^{H, F}	4
MATH 383 & 383L  First Course in Differential Equations and First Course in Differential Equations Laboratory ^H	4
PHYS 119  Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4

CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
CHEM 261	Introduction to Organic Chemistry I ^H	3
BMME 298	Biomedical Engineering Design and Manufacturing I	2
COMP 116 or BMME 201	Introduction to Scientific Programming or Computer Methods in Biomedical Engineering	3
BMME 205	Biomedical Mechanics (Fall only)	4
BMME 209	Materials Science of Biomaterials (Spring only)	4
Additional Courses		
Lifetime Fitness (p. 708)		1
Hours		33
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 ^H	2
BMME ---	Gateway elective 1	3
BMME ---	Gateway elective 2	3
BMME ---	Gateway elective 3	3
STEM Elective		3
Additional Courses		
Remaining IDEAs in Action requirements or electives		6
Hours		32
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		10
Hours		28
Total Hours		124-125

^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.

¹ With a grade of C or better. AP, IB, or transfer credit will be accepted according to university policies.

² With a grade of C- or better. Transfer credit will be accepted according to university policies.

³ Students may wish to consider completing their GLBL-LANG (p. 649) 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

Departmental Involvement

Student ambassadors represent UNC–Chapel Hill and NC State, embodying professionalism and service. They engage with students, families, industry partners, and the community by conducting campus tours and supporting special events, showcasing the unique academic opportunities within the Lampe Joint Department of Biomedical Engineering.

Undergraduate learning assistants (ULAs) play a key role in supporting the academic success of their assigned courses by attending lab or lecture sections, assisting with course materials, and hosting office hours. They collaborate with instructors, complete required trainings, and meet weekly to discuss progress. ULAs contribute to a supportive academic environment.

Departmental awards are given to students in the graduating class each spring.

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 Research and Discovery requirement.

Students based at either campus are eligible to participate in the co-op program through NC State after attending a co-op orientation. The Cooperative Education Program typically delays graduation by a year but provides valuable industry experience and the opportunity to earn money working as an engineer to help with tuition and other expenses. Undergraduate co-op students alternate semesters of full-time study and full-time work experience, preferably for a minimum of three alternating semesters.

In addition to the curriculum and co-op program, there are numerous biomedical engineering-related student organizations, including Helping Hands, Engineering World Health (EWH), Biomedical Engineering Society (BMES), Carolina Adapts Toys for Children (CATCH), International Genetically Engineered Machine (iGEM), Society of Women Engineers (SWE), and Biomedical Devices Club (BMED).

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.

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.

Contact Information

Department of Biomedical Engineering

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

Chair

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Associate Chair for Research

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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. 231)

Courses

- Biostatistics (BIOS) (<https://catalog.unc.edu/courses/bios/>)

Professors

Kevin Anstrom, Jianwen Cai, David J. Couper, Michael G. Hudgens, Joseph G. Ibrahim, Anastasia Ivanova, Gary G. Koch, Michael R. Kosorok, Yun Li, Danyu Lin, Feng-Chang Lin, Yufeng Liu, James Stephen Marron, Jane Monaco, Andrew B. Nobel, John S. Preisser, Bahjat Qaqish, Todd Schwartz, Richard Smith, Daniela T. Sotres-Alvarez, Xianming Tan, Kinh N. Truong, Haibo Zhou, Hongtu Zhu, Fei Zou.

Associate Professors

Jamie L. Crandell, Tanya Garcia, Annie Green Howard, Quefeng Li, Michael Love, Naim Rashid, Bonnie Shook-Sa, Di Wu, Baiming Zou.

Assistant Professors

Didong Li, Xihao Li, Yusha Liu, Ivana Malenica, Kara McCormack, Lina Montoya, Bryce Rowland, David Zhang, Beibo Zhao.

Adjunct Professors

Haoda Fu, Eric Laber, Sean Simpson, Wei Sun, William Valdar, Clarice Weinberg, Xiaojing Zheng, Donglin Zeng, Richard Zink.

Adjunct Associate Professors

Matthew Psioda, Shanshan Zhao.

Adjunct Assistant Professors

Marcella H. Boynton, Luiz Carvalho, Nikki L.B. Freeman, Charles Pepe-Ranney, Zhengwu Zhang.

Adjunct Instructors

Jane Eslinger, Kinsey Helton, Marcus Herman-Giddens, Jeff Laux, Vincent Touns.

Professors Emeriti

Robert Agans, Shrikant Bangdiwala, Lloyd E. Chambless, Clarence E. Davis, James E. Grizzle, Ronald W. Helms, William D. Kalsbeek, Lawrence L. Kupper, Lisa M. LaVange, Keith E. Muller, Michael J. Symons.

Contact Information

Department of Biostatistics

Visit Program Website (<http://www.sph.unc.edu/bios/>)
3103 McGavran-Greenberg Hall, CB# 7420
(919) 966-7256

Chair

Michael G. Hudgens

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. 231) 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 ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4

COMP 116	Introduction to Scientific Programming	3
or COMP 110	 Introduction to Programming	
Total Hours		19

- 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 five undergraduate majors: biostatistics, community and global public health, 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 their sophomore year for admission beginning in the fall of their junior year.

For current UNC–Chapel Hill students, additional information on application deadlines and how to apply can be found on 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 (<https://admissions.unc.edu/apply/types-of-applications/transfer/>) using the Transfer Common application.

For high school seniors, our five 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 2025–2026 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. 711).

Code	Title	Hours
Core Requirements		
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
Additional Requirements		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{1, H, F}	4
COMP 110 or COMP 116	 Introduction to Programming ^{1, H} Introduction to Scientific Programming	3
MATH 231	 Calculus of Functions of One Variable I ^{1, H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{1, H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{1, H, F}	4
BIOL 103 or BIOL 104	 How Cells Function ^F  Biodiversity	3
MATH 381 or STOR 215	Discrete Mathematics ^H  Foundations of Decision Sciences	3
MATH 347	 Linear Algebra for Applications ^F	3
MATH 521 or MATH 528	Advanced Calculus I ^H Mathematical Methods for the Physical Sciences I	3
Total Hours		62

- 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.

¹ 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
First-Year Foundation Courses		
IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Major Courses		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory ^{H, F}	4
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
Hours		20
Sophomore Year		
COMP 110 or COMP 116	Introduction to Programming ^H or Introduction to Scientific Programming	3
MATH 233	Calculus of Functions of Several Variables ^{H, F}	4
Hours		7
Junior Year		
Fall Semester		
BIOS 500H	Introduction to Biostatistics (fall only)	3
BIOS 511	Introduction to Statistical Computing and Data Management (fall only)	4
MATH 381 or STOR 215	Discrete Mathematics ^H or Foundations of Decision Sciences	3
SPHG 351	Foundations of Public Health	3
EPID 600	Principles of Epidemiology for Public Health ¹	3
Hours		16
Spring Semester		
BIOS 645	Principles of Experimental Analysis (spring only)	3
MATH 521 or MATH 528	Advanced Calculus I ^H or Mathematical Methods for the Physical Sciences I	3
SPHG 352	Public Health Systems and Solutions	4
BIOL 103 or BIOL 104	How Cells Function ^F or Biodiversity	3
Hours		13
Senior Year		
Fall Semester		
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 ^F	3
Hours		7
Spring Semester		
BIOS 664	Sample Survey Methodology (spring only)	4

BIOS 668	Design of Public Health Studies (spring only)	3
Hours		7
Total Hours		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.

¹ 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

Michael G. Hudgens

Program Director

Jane Monaco
monaco@email.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. 235)
- Chemistry Major, B.S. (p. 238)
- Chemistry Major, B.S. –Biochemistry Track (p. 242)
- Chemistry Major, B.S. –Polymer Track (p. 245)

Minor

- Chemistry Minor (p. 249)

Graduate Programs

- M.A. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- M.S. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- Ph.D. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)

Courses

- Chemistry (CHEM) (<https://catalog.unc.edu/courses/chem/>)

Professors

Erik J. Alexanian, Jeffrey Aubé, James F. Cahoon, Jillian L. Dempsey, Andrey V. Dobrynin, Dorothy A. Erie, Michel R. Gagné, Gary L. Glish, Leslie M. Hicks, Jeffrey S. Johnson, Yosuke Kanai, David S. Lawrence, Bo Li, Gerald J. Meyer, Alexander J.M. Miller, Andrew M. Moran, David A. Nicewicz, Gary J. Pielak, Matthew R. Redinbo, Mark H. Schoenfish, Sergey S. Sheiko, Jason D. Surratt, Joseph L. Templeton, Marcey L. Waters, Kevin M. Weeks, Wei You.

Associate Professors

Erin Baker, Frank A. Leibfarth, Matthew R. Lockett, Simon J. Meek, Scott C. Warren.

Assistant Professors

Elizabeth C. Brunk, Megan Jackson, Abigail Knight, Huong Kratochvil, Zhiyue Lu, Elisa Pieri, Sidney M. Wilkerson-Hill, Aleksandr V. Zhukhovitskiy.

Teaching Professors

Todd L. Austell, Brian P. Hogan, Domenic J. Tiani.

Teaching Associate Professors

Joshua E. Beaver, Carribeth L. Bliem, Nita Eskew, Danielle Zurcher.

Teaching Assistant Professors

Anna C. Curtis, Jade Fostvedt.

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Department of Chemistry

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Director of Undergraduate Studies

Yosuke Kanai
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Chemistry Student Services Coordinator

Jill Fallin
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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. 711).

Code	Title	Hours
Gateway Course		
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
Core Requirements		
CHEM 102	 General Descriptive Chemistry II ^{H, F}	3
or CHEM 102H	 General Descriptive Chemistry II	
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization ^H	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 433	Introduction to Biochemistry for Majors	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 ^H	3
CHEM 262	Introduction to Organic Chemistry II ^H	3
CHEM 262L	 Laboratory in Organic Chemistry	1
One course from the following list (three hours): ¹		3
CHEM 395	 Research in Chemistry for Undergraduates ^H	
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 ^H	
CHEM 460	Intermediate Organic Chemistry ^H	
CHEM 463	Bioorganic Chemistry	
CHEM 530L	Laboratory Techniques for Biochemistry	
Additional Requirements		
BIOL 101	Principles of Biology ^{2, H, F}	3
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
One of the following:		4
PHYS 114	General Physics I: For Students of the Life Sciences ^F	
PHYS 118	Introductory Calculus-based Mechanics and Relativity ^{H, F}	
One of the following:		4
PHYS 115	General Physics II: For Students of the Life Sciences ^F	
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	
Total Hours		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.

¹ Other courses numbered above 420 may be substituted with the permission of the instructor.

² 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
First Year		
First-Year Foundation Courses		
ENGL 105	English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 101	College Thriving	1
IDST 111L	Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Major Courses		
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{1, H, F}	4
BIOL 101	Principles of Biology ^{H, F}	3
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102	General Descriptive Chemistry II ^{H, F}	3
or CHEM 102H General Descriptive Chemistry II		
CHEM 102L	Quantitative Chemistry Laboratory II	1
Sophomore Year		
CHEM 241	Modern Analytical Methods for Separation and Characterization ^H	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 ^H	3
CHEM 262	Introduction to Organic Chemistry II ^H	3
CHEM 262L	Laboratory in Organic Chemistry	1
PHYS 114	General Physics I: For Students of the Life Sciences ^{2, F}	4
or PHYS 118 Introductory Calculus-based Mechanics and Relativity		
PHYS 115	General Physics II: For Students of the Life Sciences ^{2, F}	4
or PHYS 119 Introductory Calculus-based Electromagnetism and Quanta		
Additional Gen Ed courses (three courses)		9
Junior and Senior Years		
Lifetime fitness		1
CHEM 433	Introduction to Biochemistry for Majors	3
CHEM 480	Introduction to Biophysical Chemistry	3
or CHEM 481 Physical Chemistry I		
One CHEM elective course (see course list on Requirements tab) ³		3
CHEM 550L	Synthetic Chemistry Laboratory I	2
Remaining Gen Eds; Supplemental General Education; electives		50
Note: All MATH, PHYS and CHEM courses numbered < 400 must be completed prior to semester 7 to graduate in 8 semesters.		
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.

- ¹ Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.
- ² 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.
- ³ 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.
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- 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.
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- Mia Pizzagalli and Ken Shelton Undergraduate Research Fund: This award provides support for undergraduate research.
- Anne Cooper Schout Chemistry Excellence Fund: This award provides support for undergraduate research. Preference will be given to students with financial needs, with eligibility determined by the Office of Scholarships and Student Aid.
- Maurice Bursey Undergraduate Research Award: This award provides support for undergraduate research.

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. Only one of CHEM 395 or CHEM 396 may be counted as an advanced chemistry elective. In the B.S. curriculum CHEM 395 and CHEM 396 together may be counted no more than once as an advanced chemistry elective. CHEM 396 may only be counted as an advanced chemistry elective with departmental permission.

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
Pedagogy Course		
EDUC 760	Methods and Materials for Teaching Secondary/K-12 Subjects I	3
Educational Foundations		
EDUC 532	 Human Development and Learning	3
EDUC 615	 Schools and Community Collaboration	3

EDUC 689	Foundations of Special Education	3
Student Teaching		
EDUC 593	 Internship/Student Teaching (final semester)	12
Seminar		
EDUC 601	Education Workshops (must be completed during student teaching semester)	1
Total Hours		25

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. 235)
- Chemistry Major, B.S. (p. 238)
- Chemistry Major, B.S. –Biochemistry Track (p. 242)
- Chemistry Major, B.S. –Polymer Track (p. 245)

Minor

- Chemistry Minor (p. 249)

Graduate Programs

- M.A. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- M.S. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- Ph.D. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)

Courses

- Chemistry (CHEM) (<https://catalog.unc.edu/courses/chem/>)

Contact Information

Department of Chemistry

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

Morehead, Caudill, Venable, Murray, Genome Sciences and Kenan Laboratories, CB# 3290
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Chemistry Student Services Coordinator

Jill Fallin
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. 711).

Code	Title	Hours
Gateway Course		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{H, F}	4
Core Requirements		
CHEM 102 or CHEM 102H	General Descriptive Chemistry II ^{H, F}	3
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization ^H	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 433	Introduction to Biochemistry for Majors	3
CHEM 481	Physical Chemistry I	3
CHEM 481L or CHEM 482L	Physical Chemistry Laboratory I	2
CHEM 482	Physical Chemistry II	3
CHEM 261	Introduction to Organic Chemistry I ^H	3
CHEM 262	Introduction to Organic Chemistry II ^H	3
CHEM 262L	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)^H

Any course numbered CHEM 420 or higher (excluding CHEM 692H)

One capstone laboratory course is required from the following list 2

CHEM 520L Polymer Chemistry Laboratory

CHEM 530L Laboratory Techniques for Biochemistry

CHEM 541L Advanced Instrumentation and Analytical Measurement Laboratory

CHEM 550L Synthetic Chemistry Laboratory I

CHEM 551L Honors Synthetic Chemistry Lab

Additional Requirements

BIOL 101 Principles of Biology^{H, F} 3

MATH 232 Calculus of Functions of One Variable II^{1, H, F} 4

MATH 233 Calculus of Functions of Several Variables^{1, H, F} 4

MATH 383 First Course in Differential Equations^{1, H} 3

PHYS 118 Introductory Calculus-based Mechanics and Relativity^{H, F} 4

PHYS 119 Introductory Calculus-based Electromagnetism and Quanta^{H, F} 4

Total Hours 72

^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.














¹ 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.

Code	Title	Hours
First and Sophomore Years		
First-Year Foundation Courses		
ENGL 105	English Composition and Rhetoric	3

First-Year Seminar or First-Year Launch (p. 640) ^F	3
IDST 101  College Thriving	1
IDST 111L  Data Literacy Lab	1
Global Language through level 3 (p. 649)	varies
Major Courses	
MATH 231  Calculus of Functions of One Variable I ^{H, F}	4
BIOL 101  Principles of Biology ^{H, F}	3
CHEM 101 & 101L  General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102  General Descriptive Chemistry II ^{H, F}	3
or CHEM 102H  General Descriptive Chemistry II	
CHEM 102L Quantitative Chemistry Laboratory II	1
CHEM 241 Modern Analytical Methods for Separation and Characterization ^H	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 ^H	3
CHEM 262 Introduction to Organic Chemistry II ^H	3
or CHEM 262H Introduction to Organic Chemistry II	
CHEM 262L  Laboratory in Organic Chemistry	1
MATH 232  Calculus of Functions of One Variable II ^{1, H, F}	4
MATH 233  Calculus of Functions of Several Variables ^{1, H, F}	4
MATH 383 First Course in Differential Equations ^{1, H}	3
PHYS 118  Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119  Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
Additional Gen Ed and electives	6
Junior and Senior Years	
Note: CHEM 481 and ALL Math, Phys and Chem courses numbered < 400 must be completed prior to semester 7 to avoid scheduling conflicts preventing 8 semester graduation.	
CHEM 433 Introduction to Biochemistry for Majors	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
Advanced chemistry electives (15 hours, one laboratory course required) ²	15
Capstone Laboratory Course chosen from: CHEM 520L, 530L, 541L, 550L, 551L	2
Remaining Gen Eds and electives	30
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.

¹ Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

² 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. Only one of CHEM 395 or CHEM 396 may be counted as an advanced chemistry elective. CHEM 396 may only be counted as an advanced chemistry elective with departmental permission. Students must sign up for CHEM 395 and CHEM 396 within the first week of classes. CHEM 692H may not be used.

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.
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Majors are encouraged to participate in Alpha Chi Sigma (chemistry fraternity) and the undergraduate advisory board.

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Undergraduates have the opportunity to serve as laboratory teaching assistants for entry-level undergraduate laboratory courses.

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Undergraduate Awards

Excellent performances by undergraduates in chemistry are recognized by the department through the following awards:

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Code	Title	Hours
Pedagogy Course		
EDUC 760	Methods and Materials for Teaching Secondary/K-12 Subjects I	3
Educational Foundations		
EDUC 532	 Human Development and Learning	3
EDUC 615	 Schools and Community Collaboration	3

EDUC 689	Foundations of Special Education	3
Student Teaching		
EDUC 593	 Internship/Student Teaching (final semester)	12
Seminar		
EDUC 601	Education Workshops (must be completed during student teaching semester)	1
Total Hours		25

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. 235)
- Chemistry Major, B.S. (p. 238)
- Chemistry Major, B.S.–Biochemistry Track (p. 242)
- Chemistry Major, B.S.–Polymer Track (p. 245)

Minor

- Chemistry Minor (p. 249)

Graduate Programs

- M.A. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- M.S. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- Ph.D. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)

Courses

- Chemistry (CHEM) (<https://catalog.unc.edu/courses/chem/>)

Contact Information

Department of Chemistry

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(919) 843-7100

Chair

James Cahoon
chemchair@unc.edu

Director of Undergraduate Studies

Yosuke Kanai
ykanai@unc.edu

Chemistry Student Services Coordinator

Jill Fallin
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. 711).

Code	Title	Hours
Gateway Course		
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
Core Requirements		
CHEM 102 or CHEM 102H	 General Descriptive Chemistry II ^{H, F} or  General Descriptive Chemistry II	3
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization ^H	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 431	Macromolecular Structure and Metabolism	3
CHEM 433	Introduction to Biochemistry for Majors	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 ^H	3
CHEM 262	Introduction to Organic Chemistry II ^H	3
CHEM 262L	 Laboratory in Organic Chemistry	1
Additional Requirements		
BIOL 101	 Principles of Biology ^{H, F}	3
BIOL 101L	 Introductory Biology Laboratory	1
BIOL 103	 How Cells Function ^F	3
BIOL 220	 Molecular Genetics ^H	3
MATH 232	 Calculus of Functions of One Variable II ^{1, H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{1, H, F}	4
MATH 383	First Course in Differential Equations ^{1, H}	3
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
Total Hours		71

^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.
















¹ 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.

Code	Title	Hours
First and Sophomore Years		
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	 Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies

Major Courses		
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
BIOL 103	 How Cells Function ^F	3
BIOL 220	 Molecular Genetics ^H	3
CHEM 102 or CHEM 102H	 General Descriptive Chemistry II ^{H, F} or  General Descriptive Chemistry II	3
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization ^H	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 ^H	3
CHEM 262	Introduction to Organic Chemistry II ^H	3
CHEM 262L	 Laboratory in Organic Chemistry	1
MATH 232	 Calculus of Functions of One Variable II ^{1, H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{1, H, F}	4
MATH 383	First Course in Differential Equations ^{1, H}	3
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
Gen Ed courses		9
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 433	Introduction to Biochemistry for Majors	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 431	Macromolecular Structure and Metabolism	3
CHEM 432	Metabolic Chemistry and Cellular Regulatory Networks	3
Remaining Gen Eds and electives		28
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.

¹ Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

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.
- The Bunki Bankaitis-Davis Memorial Scholarship: This need-based scholarship is awarded annually to 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.
- The Todd and Sherri Elder Undergraduate Research Fund in Chemistry: 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.
- Mia Pizzagalli and Ken Shelton Undergraduate Research Fund: This award provides support for undergraduate research.
- Anne Cooper Schout Chemistry Excellence Fund: This award provides support for undergraduate research. Preference will be given to students with financial needs, with eligibility determined by the Office of Scholarships and Student Aid.
- Maurice Bursey Undergraduate Research Award: This award provides support for undergraduate research.

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. Only one of CHEM 395 or CHEM 396 may be counted as an advanced chemistry elective. In the B.S. curriculum CHEM 395 and CHEM 396 together may be counted no more than once as an advanced chemistry elective. CHEM 396 may only be counted as an advanced chemistry elective with departmental permission.

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
Pedagogy Course		
EDUC 760	Methods and Materials for Teaching Secondary/ K-12 Subjects I	3
Educational Foundations		
EDUC 532	 Human Development and Learning	3
EDUC 615	 Schools and Community Collaboration	3
EDUC 689	Foundations of Special Education	3
Student Teaching		
EDUC 593	 Internship/Student Teaching (final semester)	12
Seminar		
EDUC 601	Education Workshops (must be completed during student teaching semester)	1
Total Hours		25

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. 235)
- Chemistry Major, B.S. (p. 238)
- Chemistry Major, B.S.–Biochemistry Track (p. 242)
- Chemistry Major, B.S.–Polymer Track (p. 245)

Minor

- Chemistry Minor (p. 249)

Graduate Programs

- M.A. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- M.S. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- Ph.D. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)

Courses

- Chemistry (CHEM) (<https://catalog.unc.edu/courses/chem/>)

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

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Director of Undergraduate Studies

Yosuke Kanai
ykanai@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. 711).

This program meets the requirements of the American Chemical Society for the training of professional chemists.

Code	Title	Hours
Gateway Course		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{H, F}	4
Core Requirements		
CHEM 102	General Descriptive Chemistry II ^{H, F}	3
or CHEM 102H	General Descriptive Chemistry II	
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization ^H	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 433	Introduction to Biochemistry for Majors	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
CHEM 261	Introduction to Organic Chemistry I ^H	3
CHEM 262	Introduction to Organic Chemistry II ^H	3
CHEM 262L	Laboratory in Organic Chemistry	1
Three advanced polymer chemistry electives from:		9
CHEM 420	Introduction to Polymers	
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)		3
Additional Requirements		
BIOL 101	Principles of Biology ^{H, F}	3
MATH 232	Calculus of Functions of One Variable II ^{1, H, F}	4
MATH 233	Calculus of Functions of Several Variables ^{1, H, F}	4
MATH 383	First Course in Differential Equations ^{1, H}	3
PHYS 118	Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
Total Hours		71

^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.








¹ 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.



Code	Title	Hours
First and Sophomore Years		
First-Year Foundation Courses		
IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Major Courses:		
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
BIOL 101	Principles of Biology ^{H, F}	3

CHEM 101 & 101L	 General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102 or CHEM 102H	 General Descriptive Chemistry II ^{H, F}	3
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization ^H	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 ^H	3
CHEM 262	Introduction to Organic Chemistry II ^H	3
CHEM 262L	 Laboratory in Organic Chemistry	1
MATH 232	 Calculus of Functions of One Variable II ^{1, H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{1, H, F}	4
MATH 383	First Course in Differential Equations ^{1, H}	3
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4

Gen Ed courses 9

Junior and Senior Years

Note: CHEM 481 and ALL Math, Phys and Chem courses numbered < 400 must be completed prior to semester 7 to avoid scheduling conflicts preventing 8 semester graduation.

CHEM 433	Introduction to Biochemistry for Majors	3
CHEM 481	Physical Chemistry I	3
CHEM 481L or CHEM 482L	Physical Chemistry Laboratory I	2
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 ^{2,3}		3
Remaining Gen Eds and electives		28

Total Hours 120

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¹ Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

² 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.

³ 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.

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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:

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- Mia Pizzagalli and Ken Shelton Undergraduate Research Fund: This award provides support for undergraduate research.
- Anne Cooper Schout Chemistry Excellence Fund: This award provides support for undergraduate research. Preference will be given to

students with financial needs, with eligibility determined by the Office of Scholarships and Student Aid.

- Maurice Bursey Undergraduate Research Award: This award provides support for undergraduate research.

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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. Only one of CHEM 395 or CHEM 396 may be counted as an advanced chemistry elective. In the B.S. curriculum CHEM 395 and CHEM 396 together may be counted no more than once as an advanced chemistry elective. CHEM 396 may only be counted as an advanced chemistry elective with departmental permission.

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
Pedagogy Course		
EDUC 760	Methods and Materials for Teaching Secondary/K-12 Subjects I	3
Educational Foundations		
EDUC 532	 Human Development and Learning	3
EDUC 615	 Schools and Community Collaboration	3
EDUC 689	Foundations of Special Education	3
Student Teaching		
EDUC 593	 Internship/Student Teaching (final semester)	12
Seminar		

EDUC 601	Education Workshops (must be completed during student teaching semester)	1
Total Hours		25

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. 235)
- Chemistry Major, B.S. (p. 238)
- Chemistry Major, B.S. –Biochemistry Track (p. 242)
- Chemistry Major, B.S. –Polymer Track (p. 245)

Minor

- Chemistry Minor (p. 249)

Graduate Programs

- M.A. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- M.S. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- Ph.D. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)

Courses

- Chemistry (CHEM) (<https://catalog.unc.edu/courses/chem/>)

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

James Cahoon
chemchair@unc.edu

Director of Undergraduate Studies

Yosuke Kanai
ykanai@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. 711).

The minor in chemistry consists of the following seven courses:

Code	Title	Hours
Core Requirements		
CHEM 102	 General Descriptive Chemistry II ^{H, F}	3
or CHEM 102H	 General Descriptive Chemistry II	
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization ^H	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 ^H	3
CHEM 262	Introduction to Organic Chemistry II ^H	3
CHEM 262L	 Laboratory in Organic Chemistry	1
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.

See the program page here (p. 237) for special opportunities.

Department Programs

Majors

- Chemistry Major, B.A. (p. 235)
- Chemistry Major, B.S. (p. 238)
- Chemistry Major, B.S. –Biochemistry Track (p. 242)
- Chemistry Major, B.S. –Polymer Track (p. 245)

Minor

- Chemistry Minor (p. 249)

Graduate Programs

- M.A. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- M.S. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)

- Ph.D. in Chemistry (<https://catalog.unc.edu/graduate/schools-departments/chemistry/>)

Courses

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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).

Minor

- Urban Studies and Planning Minor (p. 251)

Graduate Programs

- M.C.R.P. in City and Regional Planning (<https://catalog.unc.edu/graduate/schools-departments/city-regional-planning/>)
- Ph.D. in City and Regional Planning (<https://catalog.unc.edu/graduate/schools-departments/city-regional-planning/>)

Courses

- City and Regional Planning (PLAN) (<https://catalog.unc.edu/courses/plan/>)

Professors

Todd BenDor, Land Use and Environmental Planning and Policy, Spatial Analysis

Nikhil Kaza, Land Use and Environmental Planning and Policy, Energy and Environment, Planning Theory

Noreen McDonald, Transportation Planning

Roberto G. Quercia, Housing Finance, Housing Policy

Yan Song, Geographic Information Systems, Urban Spatial Analysis, Land Use and Site Planning

Meenu Tewari, Microeconomics, International Planning

Dale Whittington (joint appointment with the Gillings School of Global Public Health), Environmental Planning, Public Investment Theory, International Planning

Associate Professors

Danielle Spurlock, Land Use and Environmental Planning, Public Health, Social Justice, and Dispute Resolution

Andrew Whittemore, Land Use and Urban Design

Assistant Professors

Matt Bhagat-Conway, Transportation, Urban Analytics, Computational Methods

Kate Harwood, Economic Development, Housing, Real Estate, Climate Change

Ashley Hernandez, Housing and Community Development, Gentrification, Diversity and Inequality in Cities

Miyuki Hino, Land Use and Environmental Planning, Climate Change, Flooding, Coastal Resilience

Shakirah Hudani, Urbanization in the Global South (joint appointment with AAAD)

Noah Kittner, Land Use and Environmental Planning, Sustainable Energy Systems (joint appointment with ENVR)

Matt Palm, Transportation Planning, Public Transit, Transportation Equity

Renee Tapp, Housing, Real Estate, Rental Markets

Alainna Thomas, Transportation Planning, Transportation Policy, International Transportation

Teaching Assistant Professors

Alanna Coombes, Communication and Planning, Transportation, Automated Vehicles

Meetra Najrabi, Personal Finance

Adjunct Professors

LeAnn Brown, Planning Law

Frank Muraca, Data Visualization

Justin Nolan, Cities and Urban Life

Sarah Nienow, Regional Economic Analysis

Tony Perez, Urban Design, Form-based Code

Mitchell Silver, Planning Practice, Land Use Planning, Public Space, Community Development

Andrew Stewart, Historic Preservation

Roger Waldon, Land Use Planning, Planning Practice

Research Professor

Ahmed Rachid El-Khattabi, Urban Analytics, Environmental Finance, Water Resources

Associated Faculty

Michele Berger, Women's and Gender Studies

Maryann P. Feldman, Public Policy, Innovation, Entrepreneurship, and Economic Growth

David J. Hartzell, Real Estate Finance

Adam Lovelady, Planning Law

Tyler Mulligan, Development Finance

Judith W. Wegner, Land Use and Local Government Law

Jessie White, School of Government

Professors Emeriti

Richard N.L. Andrews

Raymond J. Burby

F. Stuart Chapin Jr.

David R. Godschalk

Edward J. Kaiser

Emil E. Malizia

William M. Rohe

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, Director of the Ph.D. Program

Todd BenDor

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Associate Chair, Director of the Master's Program

Andrew Whittemore

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Director of Undergraduate Studies

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Yan Song

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Associate Director of Graduate Programs

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Director of the Ph.D. Program

Miyuki Hino

mhino@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.

Students interested in urban studies may also be interested in:





- The dual bachelor’s-master’s at UNC–Chapel Hill (<https://catalog.unc.edu/graduate/schools-departments/city-regional-planning/#programtext>)
- The Urban Analytics track for the B.A. in Data Science major (p. 45)
- The Urban Analytics track for the B.S. in Data Science major (p. 48)

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. 711).

Code	Title	Hours
Core Requirements		
PLAN 246	 Cities of the Past, Present, and Future: Introduction to Planning	3
or PLAN 256	 Planning the City: Possibilities, Participants, and Change	
PLAN 247	 Solving Urban Problems	3
or PLAN 257	 Tools for Urbanists	
Select three additional PLAN courses numbered 100 through 699. ¹		9
Total Hours		15

¹ Students can also choose from PLAN courses at the 700- and 800-levels with instructor permission.

City and Regional Planning (PLAN) course list (p.).

Contact Information

Department of City and Regional Planning
Visit Program Website (<http://www.planning.unc.edu>)
New East Building, CB# 3140
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Chair, Director of the Ph.D. Program
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Associate Director of Graduate Programs
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Director of the Ph.D. Program
Miyuki Hino
mhino@unc.edu

School of Civic Life and Leadership

The School of Civic Life and Leadership (SCiLL) provides an interdisciplinary home specifically for the study and practice of public discourse, civic life, and civic leadership. SCiLL provides students a grounding in the foundations and current state of American political experience and democracy. A wide range of courses build on this foundation to encourage thoughtful engagement with democracy and civility through a variety of disciplines. Students gain important skills for civil discourse on difficult issues, as well as increased scientific literacy. SCiLL hosts, supports and researches difficult and important conversations for the benefit of the campus, community, and broader public.

Minors

- Civic Life and Leadership (p. 253)

Courses

- School of Civic Life and Leadership (SCLL) (<https://catalog.unc.edu/courses/scll/>)

Professors

Jed Atkins, Dustin Sebell.

Associate Professors

David Decosimo, Rita Koganzon.

Assistant Professors

Jose Maria Andres Porras, Danielle Charette James, Connor Grubaugh, Michael Hawley.

Teaching Assistant Professor

Rory Hanlon.

Adjunct Professors

Adam Goldstein (School of Medicine), Fabian Heitsch (Physics and Astronomy).

Adjunct Associate Professors

Li-Ling Hsiao (Asian and Middle Eastern Studies), Christian Lundberg (Communication), Michael Morgan (History), Molly Worthen (History).

Research Assistant Professor

Lauren Brown Sebell.

Lecturer

Melody Grubaugh.

Professors of the Practice

Flynn Cratty, John Rose.

Contact Information

School of Civic Life and Leadership

Visit Program Website (<https://civiclelife.unc.edu>)

Director and Dean

Jed Atkins

Director of Undergraduate Studies

Michael Hawley

mchawley@unc.edu

Civic Life and Leadership Minor

A minor in civic life and leadership will offer students interdisciplinary training in civics, the humanities, and scientific literacy, while promoting a culture of reasoned and respectful disagreement, and openness to changing one's mind. The minor is designed for students across the college to tackle some of the most challenging issues confronting society in the 21st century. All students, regardless of area of academic focus and career aspirations, are members of our pluralistic communities, and therefore, can all benefit from a better grounding in how to engage productively and thoughtfully with one another, especially across differences.

The objective of the minor is to empower students to be lifelong citizens-scholars committed to confronting the challenges that face our democracy. The minor in civic life and leadership examines the foundations and origins of democracy and the big questions surrounding civic life. The minor also encourages students to understand historical and contemporary struggles in democracy and asks students to wrestle with contentious issues today. It also develops skills and capacities that are critical to engage in effective public discourse.

Students also have the opportunity to attend and participate in events put on by the Program for Public Discourse (<https://publicdiscourse.unc.edu/>).

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. 711).

Code	Title	Hours
Core Requirements		
SCLL 100	Foundations of Civic Life and Leadership	3
SCLL 101	Practice of Civic Life and Leadership	3
Two electives, from three categories of courses listed below (the two electives must not be from the same category)		6
SCLL ---	Capstone (in development)	3
Total Hours		15

Scientific Evidence and Engagement Category




The Science and Society (S&S) category is an opportunity for students to explore questions about the relevance and role of scientific inquiry in a functioning democracy. Courses in this category focus on ways in which scientific reasoning and knowledge can enable progress and understanding on issues that are relevant to civic life and leadership. S&S courses will do more than simply discuss a scientific issue that is relevant to social, moral, or political life. S&S courses will deeply engage with the connection between science and society, with the goal of understanding long-standing societal tensions and debates through the lens of science.

Code	Title	Hours
SCLL 200	Science and Society	3
ASTR 205	 The Medieval Foundations of Modern Cosmology	3
PHIL 143	 AI and the Future of Humanity: Philosophical Issues about Technology and Human Survival ^H	3
PHIL 150	 Theory, Evidence, and Understanding in Science ^H	3
PHIL 154	 Philosophy of the Social Sciences	3
PHIL 265	Ethics, Politics, and Technology	3
PHIL 352	 Sex and Death, Life and Health, Species and Evolution: The Philosophy of Biology	3
POLI 417	 Advanced Political Psychology ^H	3
PSYC 574	Science of Moral Understanding	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.

Intellectual History and Humanities Category

Through these courses, students will learn about how humanity has understood itself over time, especially how we understand our relationship to civil society and government. The arts and humanities often demonstrate how ideas about society are enacted in daily life. Reading historical texts invites a kind of imaginative sympathy that is central to civility and productive civil debate. In addition, these courses train students in the critical analysis of primary texts and the ability to evaluate, form, and articulate arguments using textual evidence.





Code	Title	Hours
COMM 572	 Public Policy Argument	3
CMPL 220	 Global Authors: Jane Austen ^H	3
CMPL 379	 Cowboys, Samurai, and Rebels in Film and Fiction ^H	3

HIST 121	 History of Religion in North America	3
HIST 360	 Ideas in Modern America ^H	3
HIST 510	Human Rights in the Modern World ^H	3
MUSC 291	 Music and Politics	3
PHIL 60	 First-Year Seminar: Plato's Symposium and Its Influence on Western Art and Literature ^H	3
PHIL 80	 First-Year Seminar: Short Stories and Contemporary Social Problems	3
PHIL 110	 Philosophical Texts that Changed the World: An Introduction to Philosophy through Great Works ^H	3
PHIL 210	 Wonder, Myth, and Reason: Introduction to Ancient Greek Science and Philosophy ^H	3
PHIL 381	 Philosophy and Film ^H	3
POLI 87	 First-Year Seminar: What Does it Mean to be a Good Citizen?	3
POLI 280	 American Political Thought ^H	3
POLI 472	Problems of Modern Democratic Theory ^H	3
PLCY 362	 Ethics and Food Policy	3
PLCY 340	 Justice in Public Policy ^H	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.

Civics and Political Institutions Category

The Civic and Political Institutions (CPI) category is an opportunity for students to critically examine the structure, role, and mission of the institutions that contribute to civic and political life. Courses satisfying the CPI category will focus on particular institutions including (but not limited to) legislatures, courts, administrative agencies, law enforcement agencies, universities, and/or nonprofit organizations. CPI courses will engage with the rules, norms, and/or laws that impact the functioning of one or more institutions that are relevant to civic life, with the goal of understanding how those institutions can and should advance democratic values.

Code	Title	Hours
PHIL 140	 Knowledge and Society ^H	3
PHIL 280	 Morality, Law, and Justice: Issues in Legal Philosophy ^H	3
PHIL 480	Philosophy of Law	3
POLI 100	 American Democracy in Changing Times ^{H, F}	3
POLI 420	Legislative Politics ^H	3
POLI 424	 Legislative Procedure in Congress	3
POLI 405	 Local Politics in the United States	3
POLI 412	United States National Elections ^H	3
PLCY 310	Microeconomic Foundations of Public Policy	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.

Contact Information

School of Civic Life and Leadership

Visit Program Website (<https://civiclif.unc.edu>)

Director and Dean

Jed Atkins

Director of Undergraduate Studies

Michael Hawley

mchawley@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. 255)
- Classics Major, B.A.—Classical Civilization (p. 256)

- Classics Major, B.A. –Greek, Latin, and Combined Greek and Latin (p. 258)

Minors

- Classical Humanities Minor (p. 262)
- Greek Minor (p. 262)
- Latin Minor (p. 263)

Graduate Programs

- M.A. in Classics (<https://catalog.unc.edu/graduate/schools-departments/classics/>)
- Ph.D. in Classics (<https://catalog.unc.edu/graduate/schools-departments/classics/>)

Courses

- Classical Archaeology (CLAR) (<https://catalog.unc.edu/courses/clar/>)
- Classics (CLAS) (<https://catalog.unc.edu/courses/clas/>)
- Greek (GREK) (<https://catalog.unc.edu/courses/grek/>)
- Latin (LATN) (<https://catalog.unc.edu/courses/latn/>)

Professors

Emily Baragwanath, Donald C. Haggis, James B. Rives, Patricia Rosenmeyer.

Associate Professors

Janet Downie, Al Duncan, Jennifer E. Gates-Foster, Peter O'Connell, Hérica Valladares.

Assistant Professors

George Baroud, Sheira Cohen, Suzanne Lye, Timothy D. Shea.

Professors Emeriti

Robert Babcock, Carolyn L. Connor, Jerzy Linderski, Sara Mack, James J. O'Hara, William H. Race, Cecil W. Wooten.

Contact Information

Department of Classics

Visit Program Website (<http://classics.unc.edu>)
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(919) 962-7191

Chair

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dchaggis@email.unc.edu

Director of Undergraduate Studies

Al Duncan
acduncan@email.unc.edu

Director of Archaeology Program

Hérica Valladares
hericav@email.unc.edu

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. 711).

Code	Title	Hours
Core Requirements		
Select one of the following options:		3
CLAR 244	 Greek Art and Archaeology	
CLAR 375	Archaeology of Cult	
CLAR 491	The Archaeology of Early Greece (1200-500 BCE)	
CLAR 492	 Archaeology of Greek Sanctuaries	
CLAR 247	 Roman Art and Archaeology	3

CLAS 391	 Junior Seminar	3
Four additional courses in Classical Archaeology (CLAR), including two numbered between CLAR 400 and CLAR 699 ¹		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. ¹		
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. ¹		
Total Hours		30

¹ A first-year seminar may be used to fulfill this requirement.

Classical Archaeology (CLAR) course descriptions (p. 255).

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/>) or the departmental website (<http://classics.unc.edu/undergraduate-2/study-abroad-and-summer-programs/>).

Department Programs

Majors

- Classics Major, B.A.—Classical Archaeology (p. 255)
- Classics Major, B.A.—Classical Civilization (p. 256)
- Classics Major, B.A.—Greek, Latin, and Combined Greek and Latin (p. 258)

Minors

- Classical Humanities Minor (p. 262)
- Greek Minor (p. 262)
- Latin Minor (p. 263)

Graduate Programs

- M.A. in Classics (<https://catalog.unc.edu/graduate/schools-departments/classics/>)
- Ph.D. in Classics (<https://catalog.unc.edu/graduate/schools-departments/classics/>)

Courses

- Classical Archaeology (CLAR) (<https://catalog.unc.edu/courses/clar/>)
- Classics (CLAS) (<https://catalog.unc.edu/courses/clas/>)
- Greek (GREK) (<https://catalog.unc.edu/courses/grek/>)
- Latin (LATN) (<https://catalog.unc.edu/courses/latn/>)

Contact Information

Department of Classics

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Chair

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Director of Undergraduate Studies

Al Duncan
acduncan@email.unc.edu

Director of Archaeology Program

Hérica Valladares
hericav@email.unc.edu

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. 711).

Code	Title	Hours
Core Requirements		
CLAS 121	 The Greeks ^H	3
CLAS 122	 The Romans ^H	3
CLAS 391	 Junior Seminar	3
One of the following courses:		3
CLAR 244	 Greek Art and Archaeology	
CLAR 247	 Roman Art and Archaeology	
Five additional courses chosen from the following list:		15
Any CLAR or CLAS course at the 200 level or above		
Any GREK or LATN course numbered 204 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)

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.





The department course listing (p.) 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	 The Rise of Rome	3
HIST 227	 The Fall of the Roman Empire	3
HIST 421	Alexander	3
HIST 422	Ancient Greek Warfare ^H	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 ^H	3
PHIL 211	 Perspectives on Gender, Race, and Marginality in Ancient Greek Philosophy, Science, and Medicine	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/>) or the departmental website (<http://classics.unc.edu/undergraduate-2/study-abroad-and-summer-programs/>).

Department Programs

Majors

- Classics Major, B.A.—Classical Archaeology (p. 255)
- Classics Major, B.A.—Classical Civilization (p. 256)
- Classics Major, B.A.—Greek, Latin, and Combined Greek and Latin (p. 258)

Minors

- Classical Humanities Minor (p. 262)
- Greek Minor (p. 262)
- Latin Minor (p. 263)

Graduate Programs

- M.A. in Classics (<https://catalog.unc.edu/graduate/schools-departments/classics/>)
- Ph.D. in Classics (<https://catalog.unc.edu/graduate/schools-departments/classics/>)

Courses

- Classical Archaeology (CLAR) (<https://catalog.unc.edu/courses/clar/>)
- Classics (CLAS) (<https://catalog.unc.edu/courses/clas/>)
- Greek (GREK) (<https://catalog.unc.edu/courses/grek/>)
- Latin (LATN) (<https://catalog.unc.edu/courses/latn/>)

Contact Information

Department of Classics

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Chair

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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. 711).

Classics Major, B.A. –Greek


Code	Title	Hours
Core Requirements		
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 203 ¹		15
Two additional courses in CLAS or CLAR with full or partial emphasis on ancient Greek culture (see list below)		6
Additional Requirements		
GREK 101	Elementary Classical Greek I ²	
GREK 102	Elementary Classical Greek II ²	
GREK 203	 Intermediate Greek I ²	
Total Hours		27

¹ CLAS 691H or CLAS 692H may on petition to the department count towards this requirement

² 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 (<https://catalog.unc.edu/courses/grek/>).

Classics Major, B.A. –Latin

Code	Title	Hours
CLAS 391	 Junior Seminar	3
LATN 204	Intermediate Latin II	3
	or LATN 205 Medieval Latin	

Five additional courses in Latin above LATN 203 ¹	15
Two additional courses in CLAS or CLAR with full or partial emphasis on Roman culture (see list below)	6

Additional Requirements

LATN 101	Elementary Latin I ²
LATN 102	Elementary Latin II ²
LATN 203	 Intermediate Latin I ²





Total Hours **27**

¹ CLAS 691H or CLAS 692H may on petition to the department count towards this requirement

² 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 (<https://catalog.unc.edu/courses/latn/>).

Classics Major, B.A. –Combined Greek and Latin

Code	Title	Hours
Core Requirements		
Choose one emphasis ¹		18
Greek Emphasis		
CLAS 391	 Junior Seminar	
Five Greek courses above GREK 203		
Two Latin courses above LATN 203		
One additional course in CLAS or CLAR with full or partial emphasis on ancient Greek culture (see course list below)		
Latin Emphasis		
CLAS 391	 Junior Seminar	
Five Latin courses above LATN 203		
Two Greek courses above GREK 203		
One additional course in CLAS or CLAR with full or partial emphasis on Roman culture (see course list below)		
Additional Requirements ²		17
GREK 101	Elementary Classical Greek I	
GREK 102	Elementary Classical Greek II	
GREK 203	 Intermediate Greek I	
LATN 101	Elementary Latin I	
LATN 102	Elementary Latin II	
LATN 203	 Intermediate Latin I	
Total Hours		35


























¹ 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.

² 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) course descriptions (<https://catalog.unc.edu/courses/grek/>).



Latin (LATN) course descriptions (<https://catalog.unc.edu/courses/latn/>).

Greek Culture and Roman Culture Course Lists

Code	Title	Hours
Courses with Full or Partial Emphasis on Greek Culture		
ARTH 461	Greek Sculpture	3
CLAR 50	 First-Year Seminar: Art in the Ancient City ^H	3
CLAR 110	 The Archaeology of Palestine in the New Testament Period	3
CLAR 120	 Ancient Mediterranean, Egyptian, and Near Eastern Archaeology ^H	3
CLAR 243	 Minoans and Mycenaeans: The Archaeology of Bronze Age Greece	3
CLAR 244	 Greek Art and Archaeology	3
CLAR 250	 Who Owns the Past?: Archaeology, Ethics, and Politics ^H	3
CLAR 268	 Hellenistic Art and Archaeology (350-31 BCE)	3
CLAR 270	 Quantifying the Past: Big Data and Big Questions in Classical Archaeology	3
CLAR 374	 The Archaeology of Death	3
CLAR 375	Archaeology of Cult	3
CLAR 411	Method and Theory in Classical Archaeology	3
CLAR 464	Greek Architecture	3
CLAR 480	 Egypt after the Pharaohs	3
CLAR 491	The Archaeology of Early Greece (1200-500 BCE)	3
CLAR 492	 Archaeology of Greek Sanctuaries	3
CLAS 51	 First-Year Seminar: Greek Drama from Page to Stage ^H	3
CLAS 55	 First-Year Seminar: Three Greek and Roman Epics ^H	3
CLAS 57	 First-Year Seminar: Dead and Deadly Women: Greek Tragic Heroines from Aeschylus to Eliot ^H	3
CLAS 59	 First-Year Seminar: Ancient Magic and Religion	3
CLAS 61	 First-Year Seminar: Writing the Past ^H	3
CLAS 62	 First-Year Seminar: Bandits, Barbarians, and Rebels in the Ancient Mediterranean	3
CLAS 121	 The Greeks ^H	3
CLAS 123	Summer Study Abroad in Greece	3
CLAS 133H	 Epic and Tragedy	3
CLAS 231	 The Theater in the Greek and Roman World ^H	3
CLAS 240	 Women in Greek Art and Literature ^H	3
CLAS 242	Sex and Gender in Antiquity	3
CLAS 243	 Race and Ethnicity in the Ancient Mediterranean	3
CLAS 253	 Pericles and Athens ^H	3
CLAS 254	 Alexander and the Hellenistic World	3
CLAS 260	 Ancient Medicine ^H	3

CLAS 263	 Athletics in the Greek and Roman Worlds ^H	3
CLAS 271	 Classical Rhetoric and American Democracy	3
CLAS 300	 Classical Rhetoric: The Science of Persuasive Speech in Classical Antiquity and Beyond	3
CLAS 361	Homer and the Heroic Age of Greece	3
CLAS 362	 Greek Tragedy ^H	3
CLAS 363	 Latin and Greek Lyric Poetry in Translation ^H	3
CLAS 364	The Classical Background of English Poetry ^H	3
CLAS 365	 The Lives of Others from Herodotus to Tacitus	3
CLAS 380	 Emperors, Tyrants, Kings, and Rulers in Ancient Greece and Rome	3
CLAS 409	 Greek and Roman Historians ^H	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.

Code	Title	Hours
Courses with Full or Partial Emphasis on Roman Culture		
CLAR 110	 The Archaeology of Palestine in the New Testament Period	3
CLAR 115	 Life in the Roman Army	3
CLAR 200	 Art and Fashion from Rome to Timbuktu	3
CLAR 247	 Roman Art and Archaeology	3
CLAR 248	 Italy Before the Romans	3
CLAR 250	 Who Owns the Past?: Archaeology, Ethics, and Politics ^H	3
CLAR 270	 Quantifying the Past: Big Data and Big Questions in Classical Archaeology	3
CLAR 374	 The Archaeology of Death	3
CLAR 380	 Life and Art in Ancient Pompeii	3
CLAR 411	Method and Theory in Classical Archaeology	3
CLAR 465	 Roman Architecture	3
CLAR 474	 Roman Sculpture	3
CLAR 476	 Roman Painting	3
CLAR 480	 Egypt after the Pharaohs	3
CLAS 55	 First-Year Seminar: Three Greek and Roman Epics ^H	3
CLAS 59	 First-Year Seminar: Ancient Magic and Religion	3
CLAS 62	 First-Year Seminar: Bandits, Barbarians, and Rebels in the Ancient Mediterranean	3
CLAS 65	 First-Year Seminar: The City of Rome	3
CLAS 122	 The Romans ^H	3
CLAS 231	 The Theater in the Greek and Roman World ^H	3
CLAS 241	 Women in Ancient Rome ^H	3
CLAS 242	Sex and Gender in Antiquity	3
CLAS 243	 Race and Ethnicity in the Ancient Mediterranean	3

CLAS 257	 Augustus and Rome ^H	3
CLAS 258	The Early Roman Empire	3
CLAS 259	 Pagans and Christians	3
CLAS 260	 Ancient Medicine ^H	3
CLAS 263	 Athletics in the Greek and Roman Worlds ^H	3
CLAS 271	 Classical Rhetoric and American Democracy	3
CLAS 300	 Classical Rhetoric: The Science of Persuasive Speech in Classical Antiquity and Beyond	3
CLAS 363	 Latin and Greek Lyric Poetry in Translation ^H	3
CLAS 364	The Classical Background of English Poetry ^H	3
CLAS 365	 The Lives of Others from Herodotus to Tacitus	3
CLAS 371	 Cicero, Caesar, and the End of the Roman Republic	3
CLAS 380	 Emperors, Tyrants, Kings, and Rulers in Ancient Greece and Rome	3
CLAS 409	 Greek and Roman Historians ^H	3
CLAS 415	 Roman Law ^H	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 Classics

Honors in Classics

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Additional Opportunities

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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/>) website (<http://classics.unc.edu/undergraduate-2/study-abroad-and-summer-programs/>).

Department Programs

Majors

- Classics Major, B.A.—Classical Archaeology (p. 255)
- Classics Major, B.A.—Classical Civilization (p. 256)
- Classics Major, B.A.—Greek, Latin, and Combined Greek and Latin (p. 258)

Minors

- Classical Humanities Minor (p. 262)
- Greek Minor (p. 262)
- Latin Minor (p. 263)

Graduate Programs

- M.A. in Classics (<https://catalog.unc.edu/graduate/schools-departments/classics/>)
- Ph.D. in Classics (<https://catalog.unc.edu/graduate/schools-departments/classics/>)

Courses

- Classical Archaeology (CLAR) (<https://catalog.unc.edu/courses/clar/>)
- Classics (CLAS) (<https://catalog.unc.edu/courses/clas/>)
- Greek (GREK) (<https://catalog.unc.edu/courses/grek/>)
- Latin (LATN) (<https://catalog.unc.edu/courses/latn/>)

Contact Information

Department of Classics

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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. 711).

Code	Title	Hours
Core Requirements		
One of the following:		3
CLAR 244	 Greek Art and Archaeology	
CLAR 247	 Roman Art and Archaeology	
CLAS 121	 The Greeks ^H	3
or CLAS 122	 The Romans	
CLAS 131	 Classical Mythology ^H	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
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.

Department of Classics course descriptions (p.) include:

- Classical Archaeology (CLAR)
- Classics in English/Classical Civilization (CLAS)
- Greek (GREK)
- Latin (LATN)

See the program page here (p. 256) for special opportunities.

Department Programs

Majors

- Classics Major, B.A.–Classical Archaeology (p. 255)
- Classics Major, B.A.–Classical Civilization (p. 256)
- Classics Major, B.A.–Greek, Latin, and Combined Greek and Latin (p. 258)

Minors

- Classical Humanities Minor (p. 262)
- Greek Minor (p. 262)
- Latin Minor (p. 263)

Graduate Programs

- M.A. in Classics (<https://catalog.unc.edu/graduate/schools-departments/classics/>)
- Ph.D. in Classics (<https://catalog.unc.edu/graduate/schools-departments/classics/>)

Courses

- Classical Archaeology (CLAR) (<https://catalog.unc.edu/courses/clar/>)
- Classics (CLAS) (<https://catalog.unc.edu/courses/clas/>)
- Greek (GREK) (<https://catalog.unc.edu/courses/grek/>)
- Latin (LATN) (<https://catalog.unc.edu/courses/latn/>)

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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. 711).

Code	Title	Hours
Core Requirements ¹		
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
Total Hours	12

¹ 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.) include:

- Classical Archaeology (CLAR)
- Classics in English/Classical Civilization (CLAS)
- Greek (GREK)
- Latin (LATN)

See the program page here (p. 261) for special opportunities.

Department Programs

Majors

- Classics Major, B.A.—Classical Archaeology (p. 255)
- Classics Major, B.A.—Classical Civilization (p. 256)
- Classics Major, B.A.—Greek, Latin, and Combined Greek and Latin (p. 258)

Minors

- Classical Humanities Minor (p. 262)
- Greek Minor (p. 262)
- Latin Minor (p. 263)

Graduate Programs

- M.A. in Classics (<https://catalog.unc.edu/graduate/schools-departments/classics/>)
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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. 711).

Code	Title	Hours
Core Requirements		
Four (4) courses in Latin numbered LATN 221 or higher		12
Total Hours		12

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.).

See the program page here (p. 261) for special opportunities.

Department Programs

Majors

- Classics Major, B.A.—Classical Archaeology (p. 255)
- Classics Major, B.A.—Classical Civilization (p. 256)
- Classics Major, B.A.—Greek, Latin, and Combined Greek and Latin (p. 258)

Minors

- Classical Humanities Minor (p. 262)
- Greek Minor (p. 262)
- Latin Minor (p. 263)

Graduate Programs

- M.A. in Classics (<https://catalog.unc.edu/graduate/schools-departments/classics/>)

- Ph.D. in Classics (<https://catalog.unc.edu/graduate/schools-departments/classics/>)

Courses

- Classical Archaeology (CLAR) (<https://catalog.unc.edu/courses/clar/>)
- Classics (CLAS) (<https://catalog.unc.edu/courses/clas/>)
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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. Swain houses our Black Box theatre, where numerous live performances are staged.

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, public policy, and leadership.

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 game design.

According to the Federal Bureau of Labor, overall employment in media and communication occupations is projected to grow 6 percent by 2032, resulting in 68,600 currently non-existing jobs over the decade. About 114,300 jobs are projected each year. The median annual salary for media and communication professionals was \$66,320 in May 2023, which was higher than the median annual salary for all occupations of \$48,060.

An understanding of communication provides a strong base for a range of career options. A majority of employers surveyed stress the need to hire people with strong oral and written communication skills, critical thinking and interpretive skills, and the ability to communicate through multiple modalities across different audience types. These are all tools that communication majors learn to use effectively. 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. 265)

Minor

- Screenwriting Minor (p. 276)

Graduate Programs

- Ph.D. in Communication Studies (<https://catalog.unc.edu/graduate/schools-departments/communication/>)

Courses

- Communication Studies (COMM) (<https://catalog.unc.edu/courses/comm/>)

Professors

Renee Alexander Craft, Torin Monahan, Patricia Parker, Tony Perucci, Joyce Rudinsky, Avi Santo.

Associate Professors

Sarah E. Dempsey, Julia Haslett, Christian O. Lundberg, Steven K. May, Michael Palm, Kumi Silva, Michael S. Waltman.

Assistant Professors

Kelsey Brod, Lisa Calvente, E. Chebrolu, David Dooling, Aaron Shapiro.

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

Michael Acosta, Kristin Hondros, Kevin Marinelli, David Monje.

Teaching Assistant Professors

Megan Fitzmaurice Mahan, Irina Kruchinina, Jessica Speed Wiley.

Professor of the Practice

Dayci Brookshire, Maxwell Carraher, Joy Goodwin, James Lampley.

Visiting Lecturers

Eric Barstow, Howard Craft, Raphael Ginsburg, Stella Rosen, Emily Spivey.

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.

Contact Information

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Communication Studies Major, B.A.

Overview

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.

A new curriculum — launched in 2024–2025 — is intended to be more interdisciplinary, flexible, and student-centric. We are calling it a **pathways approach** to communication. We will continue to give students focused opportunities to engage with the department's core areas of expertise — interpersonal and organizational communication, media art, media and technology studies, new media, performance studies, rhetoric, and writing for screen and stage — but the new curriculum allows students to bring these areas together in new combinations.

The new curriculum offers students five pathways they can pursue:

1. Communication and Everyday Life
2. Media Art, Performance, and Critical Practice
3. Media, Technology, and Public Culture
4. Organization, Communication, and Work
5. Rhetoric, Activism, and Advocacy

Details about the curriculum can be found on the Requirements tab.

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. 711).

Code	Title	Hours
Core Requirements		
COMM 100	Communication and Social Process	3
Three COMM courses at the 050-300 level within a chosen pathway (including a minimum of 2 starting point courses) ¹		9
Three COMM courses at the 400-600 level within a chosen pathway		9
Three COMM electives (at any level and within any pathway)		9
Additional Requirements		
The 10 courses (30 hours) should also be apportioned in the following ways:		
At least one Modes of Inquiry course (see options below).		
At least one Representation, Identity, and Difference course (see options below).		
At least one COMM Experience course (see options below). ²		
At least six courses from a single Pathway.		
A minimum of 10 COMM courses, except for those students pursuing the new media option described below.		
Total Hours		30

¹ Students can substitute a COMM FY-Seminar for a lower-level course in the Pathway.
² This is typically completed in the junior or senior year.

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, co-curricular programs, and research projects. Many courses are also open to non-majors whose personal and professional goals require an understanding of human communication (consult course descriptions for restrictions).

Communication Studies (COMM) course descriptions (p.).




The major is organized according to five interdisciplinary pathways that guide students toward developing critical competencies and expertise in different facets of communication. Pathways are designed to be flexible, meaning that students have multiple options within each pathway and that pathways intersect with one another, allowing students to shift from one pathway to another without needing to restart their journey. All pathways bring together the Department of Communication’s disciplinary strength areas in Interpersonal and Organizational Communication, Media Art, Media and Technology Studies, Performance Studies, and Rhetoric.





The five pathways students may pursue are:

1. Communication and Everyday Life
2. Media Art, Performance, and Critical Practice
3. Media Technologies and Public Culture
4. Organization, Communication, and Work
5. Rhetoric, Activism, and Advocacy











Communication and Everyday Life

Students will explore the diversity of communicative experiences, practices and processes that permeate our daily lives. Here, the focus is on the practices of everyday life, interpersonal and small group interactions, the ubiquity of our engagement with popular culture, and increasingly our documentation of the seemingly mundane aspects of daily interactions and rituals on social media platforms, quotidian discourses and practices of identity, belonging and exclusion; the performativity of race, gender, and sexuality, citizenship, friendship, and family member, individualism and community membership; the significance of oral history and personal narrative. By focusing on the “everyday,” students will focus on how communication is *lived*, and how it is also conditioned, structured and disciplined by structures of power, technological affordances, formations of community and learned aspects of cultural identity.








Code	Title	Hours
Pathway Starting Point Courses		
Students should select a minimum of two courses from the following list:		
COMM 113	 Public Speaking	3
COMM 120	 Introduction to Interpersonal and Organizational Communication ^{H, F}	3
COMM 130	 Introduction to Media Production ¹	3

COMM 140	 Introduction to Media History, Theory, and Criticism ^{H, F}	3
COMM 160	 Introduction to Performance Studies ^H	3
COMM 171	 Argumentation and Debate	3
COMM/WGST 224	Introduction to Gender and Communication ^{1,2, H}	3
COMM 249	Introduction to Communication Technology, Culture, and Society	3
COMM 260	 Introduction to Performance and Social Change ²	3
COMM/MNGT 325	 Introduction to Organizational Communication ^H	3

Additional Lower-Level Courses

COMM 57	 First-Year Seminar: Is There Life after College?: The Meaning of Work in Contemporary Life	3
COMM 73	 First-Year Seminar: Understanding Place through Rhetoric ¹	3
COMM 75	 First-Year Seminar: Researching Society and Culture ¹	3
COMM 85	 First-Year Seminar: Think, Speak, Argue	3
COMM 86	 First-Year Seminar: Surveillance and Society ²	3
COMM 89	 First-Year Seminar: Special Topics ^{4, H}	3
COMM/MNGT 223	 Small Group Communication	3
COMM 262	Introduction to the Performance of Culture ^{1, H}	3
COMM 312	Persuasion	3
COMM 318	 Cultural Diversity ^{1,2}	3
COMM 340	 The Social Life of Things	3
COMM 348	 Algorithms and Society ²	3
COMM 349	 Technology and Social Justice ^{1,2}	3
COMM 360	 Social Media and Society ^{1,2}	3
COMM 371	Argumentation	3
COMM 390	Special Topics in Communication Study ⁴	3
COMM 393	 Internships ³	1-3
COMM 396	Independent Study and Directed Research	1-3

Upper-Level Courses

COMM 422	 Family Communication ^{1, H}	3
COMM 432	Visual Culture ^{1,2}	3
COMM 435	Memory Acts ^H	3
COMM 437	 United States Black Culture and Performance ²	3
COMM 450	 Media and Popular Culture	3
COMM 453	 The History of New Media Technology in Everyday Life	3
COMM 455	 Sound Studies ¹	3
COMM 471	Rhetorics of Public Memory ¹	3
COMM 490	Special Topics in Communication Studies ⁴	3
COMM 499	 The Dark Side of Interpersonal Communication	3
COMM/WGST 524	 Gender, Communication, and Culture ²	3

COMM 562	 Oral History and Performance ^{2, H}	3
COMM 573	The American Experience in Rhetoric	3
COMM 596	Advanced Independent Study/Directed Reading	1-3
COMM 620	Theories of Interpersonal Communication ¹	3
COMM 624	 Hate Speech ²	3
COMM 655	Television Culture	3
COMM 658	Surveillance Cultures	3
COMM 661	 Race and Ethnicity ²	3
COMM 665	 Performance, Politics, and Culture ²	3
COMM 690	Advanced Topics in Communication Studies ^{4, H}	3
COMM 693H	 Honors ³	3
COMM 694H	 Honors ³	3
COMM 695	Field Methods ¹	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.

¹ Fulfills Modes of Inquiry requirement.

² Fulfills Representation, Identity, and Difference requirement.

³ Approved COMM Experience course.

⁴ With approval, based on topic.






Media Art, Performance, and Critical Practice

This pathway brings together a focused depth of study in the craft and aesthetics of artistic practice in Media Art, New Media, and Performance with a focus on the critical interventions the arts, storytelling, performance and media making have on society. It highlights the integral role that media art and performance play in our world – one that is committed to critical practice and formal experimentation. Courses in this pathway facilitate intellectual exchange and create community across artistic practices and with other forms of research and inquiry in the major. It centers this work as fundamental to the department's conceptualization of communication as engagement, creativity, and critique.

Code	Title	Hours
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Pathway Starting Point Courses

Students should select a minimum of two courses from the following list:

COMM 130	 Introduction to Media Production ¹	3
COMM 140	 Introduction to Media History, Theory, and Criticism ^{H, F}	3
COMM 150	 Introduction to New Media ¹	3
COMM 160	 Introduction to Performance Studies ^H	3
COMM 224	Introduction to Gender and Communication ^{1,2, H}	3
COMM 260	 Introduction to Performance and Social Change ²	3

COMM 263	 Performing Literature ^{1, H}	3
COMM 330	 Introduction to Writing for Film and Television	3
Additional Lower-Level courses		
COMM 61	 First-Year Seminar: The Politics of Performance ²	3
COMM 62	 First-Year Seminar: African American Literature and Performance ²	3
COMM 63	 First-Year Seminar: The Creative Process in Performance	3
COMM 84	 First-Year Seminar: Make A Zine! Do-It-Yourself Writing, Publishing, and Distribution ¹	3
COMM 88	 First-Year Seminar: Technologies of Popular Culture	3
COMM 89	 First-Year Seminar: Special Topics ^{4, H}	3
COMM 142	 Popular Music	3
COMM 230	Audio/Video/Film Production and Writing ¹	3
COMM 251	Introduction to American Film and Culture, 1965-Present	3
COMM 262	Introduction to the Performance of Culture ^{1, H}	3
COMM 318	 Cultural Diversity ^{1,2}	3
COMM 331	Writing the Short Film	3
COMM 334	Writing the One-Hour TV Drama	3
COMM 335	 Film Story Analysis	3
COMM 337	 Visual Storytelling for Screenwriters	3
COMM/WGST 345	 Gender and Film ^{1,2}	3
COMM 350	 Practices of Cultural Studies ^{1,2}	3
COMM 378	 Environmental Filmmaking: Creative Production and Social Impact ²	3
COMM 390	Special Topics in Communication Study ⁴	3
COMM 393	 Internships ³	1-3
COMM 396	Independent Study and Directed Research	1-3
Upper-Level courses		
COMM 412	 Critical Theory	3
COMM 430	 History of American Screenwriting	3
COMM 431	 Advanced Audio Production ¹	3
COMM 432	Visual Culture ^{1,2}	3
COMM 435	Memory Acts ^H	3
COMM 437	 United States Black Culture and Performance ²	3
COMM 450	 Media and Popular Culture	3
COMM 455	 Sound Studies ¹	3
COMM 463	Creating the Solo Performance ²	3
COMM 464	 Collaborative Performance ^{1, H}	3
COMM 466	 Advanced Study in Performing Literature	3
COMM 490	Special Topics in Communication Studies ⁴	3
COMM 500	Visual and Material Rhetoric ¹	3
COMM 524	 Gender, Communication, and Culture ²	3
COMM 534	 Aesthetic and Technical Considerations in Making Short Videos ²	3
COMM 549	Sexuality and Visual Culture ²	3
COMM 561	 Performance of Women of Color ^{2, H}	3
COMM 562	 Oral History and Performance ^{2, H}	3
COMM 564	Performance and Popular Culture	3
COMM 568	Adapting and Directing for the Stage	3
COMM 576	 Race and Rhetoric ²	3
COMM 596	Advanced Independent Study/Directed Reading	1-3
COMM 635	 Documentary Production ^{1,2}	3
COMM 636	Interactive Media	3
COMM 638	 Game Design ¹	3
COMM 640	 Game Studio	3
COMM 644	 Documentary Production: First Person Filmmaking ²	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	3
COMM 650	Cultural Politics of Global Media Economies ²	3
COMM 652	Media and Difference ²	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 660	Advanced Projects in Performance Studies ^{1, 3}	3
COMM 661	 Race and Ethnicity	3
COMM 662	 Black/African Diaspora Performance ²	3
COMM 665	 Performance, Politics, and Culture ²	3
COMM 666	 Media in Performance ¹	3
COMM 667	Performance Activism ²	3
COMM 676	Digital Media and Live Performance	3
COMM 681	 Contemporary Film Theory	3
COMM 682	History of the Moving Image: Pasts, Presents, Futures	3
COMM 690	Advanced Topics in Communication Studies ^{4, H}	3
COMM 693H	 Honors ³	3
COMM 694H	 Honors ³	3
COMM 695	Field Methods ¹	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.

- ¹ Fulfills Modes of Inquiry requirement.
² Fulfills Representation, Identity, and Difference requirement.
³ Approved COMM Experience course.
⁴ With approval, based on topic.



Please note that enrollment in advanced media arts production classes, performance classes and screenwriting is limited, and many classes have prerequisites.

New Media

Students wishing to pursue the New Media Track should consult the departmental advisor.



Students in either the Media Art, Performance, and Critical Practice Pathway or the Media, Technology and Public Culture Pathway are eligible to pursue the New Media Track.

The track requires students complete COMM 100 and three starting point classes as core requirements, four additional courses from the chosen pathways, and two courses from outside the COMM Department. All requirements and options are listed below.

Code	Title	Hours
Core Requirements		
COMM 100	Communication and Social Process	3
COMM 150	 Introduction to New Media	3
COMM 2–	Foundations of Computational and Generative Media	3
COMP 110	 Introduction to Programming ^H	3
Select four (4) courses from one of the two pathway lists below.		12
Select two (2) additional courses outside the Department of Communication (see list below)		6
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.


Media Art, Performance, and Critical Practice Pathway Courses

Code	Title	Hours
COMM 431	 Advanced Audio Production	3
COMM 490	Special Topics in Communication Studies	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 690	Advanced Topics in Communication Studies (based on topic, prior approval required) ^H	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.

Media, Technology, and Public Culture Pathway Courses

Code	Title	Hours
COMM 453	 The History of New Media Technology in Everyday Life	3

COMM 455	 Sound Studies	3
COMM 463	Creating the Solo Performance	3
COMM 658	Surveillance Cultures	3





Courses Outside the Department of Communication

Code	Title	Hours
ARTS 116	Introduction to Web Media	3
ARTS 209	 2D Animation	3
ARTS 309	 3D Animation	3
ENGL 113	 Introduction to Critical Game Studies	3
ENGL 257	 Video Games and Narrative Cinema	3
ENGL 341	 Tabletop Games: Narrative, History, and Design	3
COMP 126	 Practical Web Design and Development for Everyone	3
COMP 380	 Technology, Ethics, & Culture ^H	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 541	Information Visualization	3
INLS 560	Programming for Information Science	3
INLS 572	Web Development I	3
MEJO 585	3D Design Studio	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.

Media, Technology, and Public Culture












By following this pathway, students will hone their critical digital literacy skills by exploring the myriad ways that technological systems shape social relations and experiences. Students will develop capacities focused on critical understandings of the economic, political, aesthetic, and cultural factors that shape media and technology's affordances, its uses, and its potential. This pathway will also invite inquiry into the production, negotiation, and contestation of cultural meanings and identities within media spaces. Students pursuing this pathway might seek out careers as media analysts, critics or producers working in the technology industry, or at think tanks, foundations, or in governmental organizations focusing on media law, policy, regulation, and user rights.

Code	Title	Hours
Pathway Starting Point Courses		
Students should select a minimum of two courses from the list below:		
COMM 130	 Introduction to Media Production ¹	3
COMM 140	 Introduction to Media History, Theory, and Criticism ^{H, F}	3
COMM 150	 Introduction to New Media ¹	3
COMM 224	Introduction to Gender and Communication ^{1,2, H}	3
COMM 249	Introduction to Communication Technology, Culture, and Society	3
COMM 330	 Introduction to Writing for Film and Television	3

Additional Lower-Level courses

COMM 75	 First-Year Seminar: Researching Society and Culture ¹	3
COMM 83	 First-Year Seminar: Networked Societies ²	3
COMM 86	 First-Year Seminar: Surveillance and Society ²	3
COMM 88	 First-Year Seminar: Technologies of Popular Culture	3
COMM 89	 First-Year Seminar: Special Topics ^{4, H}	3
COMM 142	 Popular Music	3
COMM 230	Audio/Video/Film Production and Writing ¹	3
COMM 251	Introduction to American Film and Culture, 1965-Present	3
COMM 318	 Cultural Diversity ^{1,2}	3
COMM 335	 Film Story Analysis	3
COMM 337	 Visual Storytelling for Screenwriters	3
COMM 340	 The Social Life of Things	3
COMM 345	 Gender and Film ^{1,2}	3
COMM 348	 Algorithms and Society ²	3
COMM 349	 Technology and Social Justice ^{1,2}	3
COMM 350	 Practices of Cultural Studies ^{1,2}	3
COMM 355	Terrorism and Political Violence ¹	3
COMM 360	 Social Media and Society ¹	3
COMM 372	The Rhetoric of Social Movements ²	3
COMM 390	Special Topics in Communication Study ⁴	3
COMM 393	 Internships ³	1-3
COMM 396	Independent Study and Directed Research ³	1-3

Upper-Level courses

COMM 412	 Critical Theory	3
COMM 430	 History of American Screenwriting	3
COMM 431	 Advanced Audio Production ¹	3
COMM 432	 Visual Culture ^{1,2}	3
COMM 450	 Media and Popular Culture	3
COMM 453	 The History of New Media Technology in Everyday Life	3
COMM 454	Media and Activism ²	3
COMM 455	 Sound Studies ¹	3
COMM 470	Political Communication and the Public Sphere	3
COMM 490	Special Topics in Communication Studies ⁴	3
COMM 499	 The Dark Side of Interpersonal Communication	3
COMM 524	 Gender, Communication, and Culture ²	3
COMM 532	Performing the Screenplay	3
COMM 534	 Aesthetic and Technical Considerations in Making Short Videos	3
COMM 549	Sexuality and Visual Culture ²	3
COMM 564	Performance and Popular Culture	3
COMM 574	War and Culture	3
COMM 576	 Race and Rhetoric ²	3

COMM 596	Advanced Independent Study/Directed Reading	1-3
COMM 624	 Hate Speech ²	3
COMM 635	 Documentary Production ^{1,2}	3
COMM 636	Interactive Media	3
COMM 638	 Game Design ¹	3
COMM 640	 Game Studio	3
COMM 644	 Documentary Production: First Person Filmmaking ²	3
COMM 645	The Documentary Idea	3
COMM 650	Cultural Politics of Global Media Economies ²	3
COMM 652	Media and Difference ²	3
COMM 655	Television Culture	3
COMM 656	 Sound for Film and Video: Theory and Practice for Motion Picture Sound Design	3
COMM 658	Surveillance Cultures	3
COMM 661	 Race and Ethnicity ²	3
COMM/DRAM 666	 Media in Performance ¹	3
COMM 676	Digital Media and Live Performance	3
COMM 682	History of the Moving Image: Pasts, Presents, Futures	3
COMM 690	Advanced Topics in Communication Studies ^{4, H}	3
COMM 693H	 Honors ³	3
COMM 694H	 Honors ³	3
COMM 695	Field Methods ¹	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.

¹ Fulfills Modes of Inquiry requirement.

² Fulfills Representation, Identity, and Difference requirement.


³ Approved COMM Experience course.







⁴ With approval, based on topic.

Organization, Communication, and Work

Students will explore how communicative practices construct cultural understandings of work, both currently and historically, and how work is conducted in a range of organizations. Students will develop capacities to use multi-level, multi-method analyses of organizing across work, community, and social change contexts, with a sustained focus on communication as constitutive of organizing. Students will explore topics such as globalization, work and identity, power and resistance, ethics, leadership, teamwork, democracy and citizenship, gender, race and class, and community-based organizing to produce responsible, ethical, and sustainable organizations. Students may pursue careers in public relations, strategic and corporate communication, consulting, social

media, marketing, management, training and development, sales, and human resource management, among others.

Code	Title	Hours
Pathway Starting Point Courses		
Students should select a minimum of two courses from the list below:		
COMM 113	 Public Speaking	3
COMM 120	 Introduction to Interpersonal and Organizational Communication ^{H, F}	3
COMM 130	 Introduction to Media Production ¹	3
COMM 140	 Introduction to Media History, Theory, and Criticism ^{H, F}	3
COMM 170	 Rhetoric and Public Issues	3
COMM 224	Introduction to Gender and Communication ^{1,2, H}	3
COMM 249	Introduction to Communication Technology, Culture, and Society	3
COMM 325	 Introduction to Organizational Communication ^H	3
Additional Lower-Level courses		
COMM 51	 First-Year Seminar: Organizing and Communicating for Social Entrepreneurs	3
COMM 53	 First-Year Seminar: Collective Leadership Models for Community Change	3
COMM 57	 First-Year Seminar: Is There Life after College?: The Meaning of Work in Contemporary Life	3
COMM 73	 First-Year Seminar: Understanding Place through Rhetoric ¹	3
COMM 75	 First-Year Seminar: Researching Society and Culture ¹	3
COMM 82	 First-Year Seminar: Food Politics from an Organizational Communication Perspective	3
COMM 83	 First-Year Seminar: Networked Societies	3
COMM 86	 First-Year Seminar: Surveillance and Society	3
COMM 89	 First-Year Seminar: Special Topics ^{4, H}	3
COMM 223	 Small Group Communication	3
COMM 262	Introduction to the Performance of Culture ^{1, H}	3
COMM 312	Persuasion	3
COMM 318	 Cultural Diversity ^{1,2}	3
COMM 360	 Social Media and Society	3
COMM/ENEC 375	Environmental Advocacy	3
COMM 378	 Environmental Filmmaking: Creative Production and Social Impact	3
COMM 390	Special Topics in Communication Study ⁴	3
COMM 393	 Internships ³	1-3
Upper-Level courses		
COMM 412	 Critical Theory	3
COMM 422	 Family Communication ^{1, H}	3
COMM 423	Critical Perspectives on Work, Labor, and Professional Life ²	3

COMM 470	Political Communication and the Public Sphere	3
COMM 471	Rhetorics of Public Memory ¹	3
COMM 472	Rhetorical Criticism ¹	3
COMM 490	Special Topics in Communication Studies ⁴	3
COMM 499	 The Dark Side of Interpersonal Communication	3
COMM 521	Communication and Social Memory	3
COMM 523	Communication and Leadership	3
COMM 524	 Gender, Communication, and Culture ²	3
COMM 525	Organizational Communication	3
COMM 526	 Critical-Cultural Approaches to Organizational Communication ²	3
COMM 527	 Organizational Ethics	3
COMM 571	Rhetorical Theory and Practice	3
COMM 572	 Public Policy Argument	3
COMM 573	The American Experience in Rhetoric	3
COMM 596	Advanced Independent Study/Directed Reading	1-3
COMM 620	Theories of Interpersonal Communication ¹	3
COMM 624	 Hate Speech	3
COMM 625	 Communication and Nonprofits in the Global Context	3
COMM 650	Cultural Politics of Global Media Economies ²	3
COMM 658	Surveillance Cultures	3
COMM 690	Advanced Topics in Communication Studies ^{4, H}	3
COMM 693H	 Honors ³	3
COMM 694H	 Honors ³	3
COMM 695	Field Methods ¹	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.

¹ Fulfills Modes of Inquiry requirement.
































² Fulfills Representation, Identity, and Difference requirement.

³ Approved COMM Experience course.

⁴ With approval, based on topic.

Rhetoric, Activism, and Advocacy

Students will develop capacities focused on the role of communication to address current social, political, economic, technological, and environmental issues both locally and globally. Students will learn how to engage, critique, and create change in/through communication practices based on stakeholder engagement, deliberation and debate, facilitation and negotiation, dialogic communication, performativity, and rhetorical strategies using interpersonal, small-group, and mediated forms of communication. Students may pursue careers as mediators, negotiators, community organizers, communication experts, political strategists, and policy makers, among others, in non-profit organizations, think tanks, government agencies, and businesses.

Code	Title	Hours	Code	Title	Hours
Pathway Starting Point Courses			COMM 396	Independent Study and Directed Research	1-3
Students should select a minimum of two courses from the list below:			Upper-Level Courses		
COMM 113	 Public Speaking	3	COMM 412	 Critical Theory	3
COMM 130	 Introduction to Media Production ¹	3	COMM 423	Critical Perspectives on Work, Labor, and Professional Life ²	3
COMM 140	 Introduction to Media History, Theory, and Criticism ^{H, F}	3	COMM 432	Visual Culture ^{1,2}	3
COMM 170	 Rhetoric and Public Issues	3	COMM 435	Memory Acts ^H	3
COMM 171	 Argumentation and Debate	3	COMM 437	 United States Black Culture and Performance ²	3
COMM 224	Introduction to Gender and Communication ^{1,2, H}	3	COMM 450	 Media and Popular Culture	3
COMM 249	Introduction to Communication Technology, Culture, and Society	3	COMM 453	 The History of New Media Technology in Everyday Life	3
COMM 260	 Introduction to Performance and Social Change	3	COMM 454	Media and Activism ²	3
Additional Lower-Level Courses			COMM 470	Political Communication and the Public Sphere	3
COMM 51	 First-Year Seminar: Organizing and Communicating for Social Entrepreneurs	3	COMM 471	Rhetorics of Public Memory ¹	3
COMM 53	 First-Year Seminar: Collective Leadership Models for Community Change ¹	3	COMM 472	Rhetorical Criticism ¹	3
COMM 61	 First-Year Seminar: The Politics of Performance	3	COMM 490	Special Topics in Communication Studies ⁴	3
COMM 62	 First-Year Seminar: African American Literature and Performance	3	COMM 499	 The Dark Side of Interpersonal Communication	3
COMM 73	 First-Year Seminar: Understanding Place through Rhetoric ¹	3	COMM 500	Visual and Material Rhetoric ¹	3
COMM 75	 First-Year Seminar: Researching Society and Culture ¹	3	COMM 521	Communication and Social Memory	3
COMM 82	 First-Year Seminar: Food Politics from an Organizational Communication Perspective	3	COMM 523	Communication and Leadership	3
COMM 84	 First-Year Seminar: Make A Zine! Do-It-Yourself Writing, Publishing, and Distribution ¹	3	COMM 524	 Gender, Communication, and Culture ²	3
COMM 85	 First-Year Seminar: Think, Speak, Argue	3	COMM 527	 Organizational Ethics	3
COMM 89	 First-Year Seminar: Special Topics ^{4, H}	3	COMM 549	Sexuality and Visual Culture ²	3
COMM 142	 Popular Music	3	COMM 562	 Oral History and Performance ^{2, H}	3
COMM 223	 Small Group Communication	3	COMM 571	Rhetorical Theory and Practice	3
COMM 312	Persuasion	3	COMM 572	 Public Policy Argument	3
COMM 318	 Cultural Diversity ^{1,2}	3	COMM 573	The American Experience in Rhetoric	3
COMM 349	 Technology and Social Justice ²	3	COMM 574	War and Culture	3
COMM 350	 Practices of Cultural Studies ^{1,2}	3	COMM 575	Presidential Rhetoric	3
COMM 355	Terrorism and Political Violence ¹	3	COMM 576	 Race and Rhetoric ²	3
COMM 360	 Social Media and Society ^{1,2}	3	COMM 577	Rhetoric and Black Culture ²	3
COMM 371	Argumentation	3	COMM 596	Advanced Independent Study/Directed Reading	1-3
COMM 372	The Rhetoric of Social Movements ²	3	COMM 624	 Hate Speech ²	3
COMM 374	The Southern Experience in Rhetoric	3	COMM 625	 Communication and Nonprofits in the Global Context	3
COMM 375	Environmental Advocacy	3	COMM 652	Media and Difference ²	3
COMM 378	 Environmental Filmmaking: Creative Production and Social Impact	3	COMM 658	Surveillance Cultures ²	3
COMM 390	Special Topics in Communication Study ⁴	3	COMM 661	 Race and Ethnicity ²	3
COMM 393	 Internships ³	1-3	COMM 665	 Performance, Politics, and Culture ²	3
			COMM 667	Performance Activism ²	3
			COMM 690	Advanced Topics in Communication Studies ^{4, H}	3
			COMM 695	Field Methods ¹	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.

¹ Fulfills Modes of Inquiry requirement.

² Fulfills Representation, Identity, and Difference requirement.

³ Approved COMM Experience course.

⁴ With approval, based on topic.







Specialized Pathway in Communication Studies

Students may create their own pathways by selecting at least four courses that constitute a coherent program of study. The courses selected in this pathway must be justified by the student and must be approved by the director of undergraduate studies. Students creating their own pathway will still be required to complete all other degree requirements for Communication Majors.

Modes Of Inquiry Courses

All Communication Majors must take a minimum of one Modes of Inquiry course in fulfillment of their degree. Students may take more than one such course (and depending on the pathway they pursue, may be required to take more than one). Modes of Inquiry courses exist at all levels of the Communication curriculum and across all pathways. A Mode of Inquiry course has a significant research methods and/or original research component built into the class. In Media Arts, New Media and Performance areas, this can also include a focus on learning how to use technology for the purposes of creative expression. Below is a list of Modes of Inquiry courses in Communication.

Code	Title	Hours
COMM 53	 First-Year Seminar: Collective Leadership Models for Community Change	3
COMM 73	 First-Year Seminar: Understanding Place through Rhetoric	3
COMM 75	 First-Year Seminar: Researching Society and Culture	3
COMM 84	 First-Year Seminar: Make A Zine! Do-It-Yourself Writing, Publishing, and Distribution	3
COMM 89	 First-Year Seminar: Special Topics ^{1, H}	3
COMM 130	 Introduction to Media Production	3
COMM 150	 Introduction to New Media	3
COMM 224	Introduction to Gender and Communication ^H	3
COMM 230	Audio/Video/Film Production and Writing	3
COMM 262	Introduction to the Performance of Culture ^H	3
COMM 263	 Performing Literature ^H	3
COMM 318	 Cultural Diversity	3
COMM 345	 Gender and Film	3
COMM 348	 Algorithms and Society	3
COMM 349	 Technology and Social Justice	3
COMM 350	 Practices of Cultural Studies	3
COMM 355	Terrorism and Political Violence	3
COMM 360	 Social Media and Society	3










COMM 390	Special Topics in Communication Study ¹	3
COMM 422	 Family Communication ^H	3
COMM 431	 Advanced Audio Production	3
COMM 432	Visual Culture	3
COMM 464	 Collaborative Performance ^H	3
COMM 455	 Sound Studies	3
COMM 471	Rhetorics of Public Memory	3
COMM 472	Rhetorical Criticism	3
COMM 490	Special Topics in Communication Studies ¹	3
COMM 500	Visual and Material Rhetoric	3
COMM 620	Theories of Interpersonal Communication	3
COMM 635	 Documentary Production	3
COMM 638	 Game Design	3
COMM 660	Advanced Projects in Performance Studies	3
COMM 666	 Media in Performance	3
COMM 690	Advanced Topics in Communication Studies ^{1, H}	3
COMM 695	Field Methods	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.

¹ With approval, based on topic.

Representation, Identity, and Difference Courses

All Communication Majors must take a minimum of one Representation, Identity, and Difference course in fulfillment of their degree. Students may take more than one such course (and depending on the pathway they pursue, may be required to take more than one). Representation, Identity, and Difference courses exist at all levels of the Communication curriculum and across all pathways. A Representation, Identity, and Difference course focuses primarily on communication practices and challenges as they intersect with concerns over equity, marginalization, and efforts to recognize, appreciate and attempt to bridge cross-cultural differences. This requirement prepares Communication Majors to be able to effectively engage with questions of representation, identity, and difference as these become increasingly central to interpersonal, cultural, political, social, and work interactions.

Code	Title	Hours
COMM 61	 First-Year Seminar: The Politics of Performance	3
COMM 62	 First-Year Seminar: African American Literature and Performance	3
COMM 82	 First-Year Seminar: Food Politics from an Organizational Communication Perspective	3
COMM 83	 First-Year Seminar: Networked Societies	3
COMM 86	 First-Year Seminar: Surveillance and Society	3
COMM 89	 First-Year Seminar: Special Topics ^{1, H}	3
COMM 224	Introduction to Gender and Communication ^H	3
COMM 260	 Introduction to Performance and Social Change	3
COMM 318	 Cultural Diversity	3
COMM 345	 Gender and Film	3

COMM 348	 Algorithms and Society	3
COMM 349	 Technology and Social Justice	3
COMM 350	 Practices of Cultural Studies	3
COMM 360	 Social Media and Society	3
COMM 372	The Rhetoric of Social Movements	3
COMM 378	 Environmental Filmmaking: Creative Production and Social Impact	3
COMM 390	Special Topics in Communication Study ¹	3
COMM 423	Critical Perspectives on Work, Labor, and Professional Life	3
COMM 432	Visual Culture	3
COMM 437	 United States Black Culture and Performance	3
COMM 454	Media and Activism	3
COMM 463	Creating the Solo Performance	3
COMM 471	Rhetorics of Public Memory	3
COMM 490	Special Topics in Communication Studies ¹	3
COMM 524	 Gender, Communication, and Culture	3
COMM 526	 Critical-Cultural Approaches to Organizational Communication	3
COMM 534	 Aesthetic and Technical Considerations in Making Short Videos	3
COMM 549	Sexuality and Visual Culture	3
COMM 561	 Performance of Women of Color ^H	3
COMM 562	 Oral History and Performance ^H	3
COMM 576	 Race and Rhetoric	3
COMM 577	Rhetoric and Black Culture	3
COMM 624	 Hate Speech	3
COMM 635	 Documentary Production	3
COMM 644	 Documentary Production: First Person Filmmaking	3
COMM 650	Cultural Politics of Global Media Economies	3
COMM 658	Surveillance Cultures	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 690	Advanced Topics in Communication Studies ^{1, H}	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.

¹ With approval, based on topic.

COMM Experience Courses

All Communication Majors must take one COMM Experience course in fulfillment of their degree. Students may take more than one such course. This course is intended to provide an opportunity to apply concepts learned in classes in real-world contexts through internships (including the Hollywood Internship Program), service learning courses, and independent study projects with community engaged focus, or

through conducting original research in a capstone course or for an Honors thesis, or by creating original media and performance work through specialized classes or Honors theses. Students typically will fulfill this requirement in their Junior or Senior years. While the list below is not exhaustive, the COMM Experience requirement is typically fulfilled through one of the following options.

Code	Title	Hours
COMM 390	Special Topics in Communication Study ¹	3
COMM 393	 Internships	1-3
COMM 396	Independent Study and Directed Research ¹	1-3
COMM 490	Special Topics in Communication Studies ¹	3
COMM 596	Advanced Independent Study/Directed Reading	1-3
COMM 647	 Advanced Projects in Media Production	3
COMM 660	Advanced Projects in Performance Studies	3
COMM 690	Advanced Topics in Communication Studies ^{1, H}	3
COMM 693H	 Honors	3
COMM 694H	 Honors	3
COMM 695	Field Methods ¹	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.




¹ With approval, based on topic.

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.

Rhetoric, Activism, and Advocacy Pathway

First Year	Hours
First-Year Foundation Courses	
IDST 101  College Thriving	1
COMM 100 Communication and Social Process	3
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F	3
IDST 111L  Data Literacy Lab	1
Global Language through level 3 (p. 649)	varies
Major Courses	
COMM 171  Argumentation and Debate (Fulfills Communication Beyond Carolina General Education requirement)	3
COMM 260  Introduction to Performance and Social Change	3
Hours	17
Sophomore Year	
COMM 349  Technology and Social Justice	3

COMM 372	The Rhetoric of Social Movements	3
Hours		6
Junior Year		
COMM 454	Media and Activism	3
COMM 573	The American Experience in Rhetoric ¹	3
COMM 665	 Performance, Politics, and Culture	3
Hours		9
Senior Year		
COMM 393	 Internships	1-3
COMM 624	 Hate Speech ¹	3
COMM 652	Media and Difference	3
COMM 667	Performance Activism	3
Hours		10-12
Total Hours		42-44

¹ Three COMM courses must be numbered 400 or higher.

Media Art, Performance, and Critical Practice Pathway

First Year	Hours
First-Year Foundation Courses	
IDST 101 	1
COMM 100	Communication and Social Process
ENGL 105 	3
First-Year Seminar or First-Year Launch (p. 640) ^F	3
IDST 111L 	1
Global Language through level 3 (p. 649)	varies
Major Courses	
COMM 130 	3
COMM 150 	3
COMM 330 	3
Hours	20
Sophomore Year	
COMM 230	Audio/Video/Film Production and Writing
COMM 263 	3
Hours	6
Junior Year	
COMM 335 	3
COMM 378 	3
COMM 455 	3
Hours	9
Senior Year	
COMM 431 	3
COMM 638 	3
COMM 660	Advanced Projects in Performance Studies
Hours	9
Total Hours	44

^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 Communication Honors in Communication Studies

The department participates in the University's Honors Program. Students eligible for the program (see University requirements (p. 713)) 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. 265)

Minor

- Screenwriting Minor (p. 276)

Graduate Programs

- Ph.D. in Communication Studies (<https://catalog.unc.edu/graduate/schools-departments/communication/>)

Courses

- Communication Studies (COMM) (<https://catalog.unc.edu/courses/comm/>)

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 and Teaching Professor Advisor

Kristin Hondros
hondros@email.unc.edu

Screenwriting Minor

The minor in screenwriting 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.

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. 711).



There are two tracks in the Screenwriting Minor: the selective track (by application) and the open track (no application required).

Selective Track

The selective track is a by-application minor with a cohort structure. Accepted students take 3-4 courses with their cohort during a single academic year. To participate, a student must be on campus for two consecutive semesters.

Candidates for the selective minor must be first-year, sophomore, or junior students with a 2.4 grade point average or better. Before applying to the selective track, students are required to take the starter course, COMM 330 Introduction to Writing for Film and Television. (In rare cases, a student may be permitted to take COMM 330 as a co-req in their first semester in the selective minor, with permission of the Director.)




An application, due on March 1 of each year, is required for acceptance; please visit the Screenwriting Minor's website (<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
Core Requirements		
COMM 330	 Introduction to Writing for Film and Television	3
COMM 335	 Film Story Analysis ¹	3
COMM 433	Intermediate Screenwriting ¹	3
COMM 537	Master Screenwriting ²	3
COMM 600	Screenwriting: The Re-Write ³	4
Total Hours		16

¹ Fall of first year in the minor.
² Spring of first year in the minor.
³ Fall of second year in the minor. Or any approved screenwriting elective (any semester).

Open Track

The open track version of the minor has no application. Students complete two required courses and three electives.

Code	Title	Hours
Core Requirements		
COMM 330	 Introduction to Writing for Film and Television	3
COMM 335	 Film Story Analysis	3
Three electives from the following options: ¹		9
COMM 337	 Visual Storytelling for Screenwriters	
COMM 334	Writing the One-Hour TV Drama	
COMM 331	Writing the Short Film	
COMM 537	Master Screenwriting	
DRAM 120	 Play Analysis ^{H, F}	
DRAM 135	 Acting for Nonmajors	
DRAM 231	Playwriting I	
ENGL 259	 Improvisational Comedy Games for Writers	
ENGL 308	 Gram-O-Rama: Grammar in Performance	
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.
- ¹ At least two courses from the Department of Communication. One course may come from another department.

Department Programs

Majors

- Communication Studies Major, B.A. (p. 265)

Minor

- Screenwriting Minor (p. 276)

Graduate Programs

- Ph.D. in Communication Studies (<https://catalog.unc.edu/graduate/schools-departments/communication/>)

Courses

- Communication Studies (COMM) (<https://catalog.unc.edu/courses/comm/>)

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

Director

Joy Goodwin
goodwinj@unc.edu

Chair

Avi Santo
asanto@unc.edu

Director of Undergraduate Studies and Teaching Professor Advisor

Kristin Hondros
hondros@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.

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 department's degree programs. 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. 278)
- Computer Science Major, B.S. (p. 281)

Minor

- Computer Science Minor (p. 284)

Graduate Programs

- M.S. in Computer Science (<https://catalog.unc.edu/graduate/schools-departments/computer-science/>)
- Ph.D. in Computer Science (<https://catalog.unc.edu/graduate/schools-departments/computer-science/>)

Courses

- Computer Science (COMP) (<https://catalog.unc.edu/courses/comp/>)

Professors

Stan Ahalt, Ron Alterovitz, James Anderson, Mohit Bansal, Samarjit Chakraborty, Prasun Dewan, Henry Fuchs, Kevin Jeffay, Stephen M. Pizer, Donald Porter, Jack Snoeyink, David Stotts.

Associate Professors

Snigdha Chaturvedi, Jasleen Kaur, Ketan Mayer-Patel, Leonard McMillan, Shahriar Nirjon, Junier Oliva, Montek Singh, Cynthia Sturton, Daniel Szafir, Danielle Szafir.

Assistant Professors

Benjamin Berg, Gedas Bertasius, Praneeth Chakravarthula, Tianlong Chen, Zhun Deng, Mingyu Ding, Parasara Sridhar Duggirala, Saba Eskandarian, Andrew Kwong, Julia Len, Raghyavendra Pothukuchi, Roni Sengupta, Shashank Srivastava, Natalie Stanley, Huaxiu Yao.

Research Professors

Jay Aikat, Jan-Michael Frahm, Ashok Krishnamurthy, David Luebke, Dinesh Manocha, David A. Plaisted, Diane Pozefsky, Michael K. Reiter, F. Donelson Smith, P.S. Thiagarajan, Mary C. Whitton.

Research Associate Professor

Martin Styner.

Adjunct Professors

J. Steven Marron, Marc Niethammer, Julian Rosenman, Dinggang Shen, Alexander Tropsha, Gregory F. Welch, Turner Whitted, Hongtu Zhu.

Adjunct Associate Professors

Jaime Arguello, Stephen Aylward, Tamara L. Berg, David Gotz, Guorong Wu, Pew-Thian Yap.

Adjunct Assistant Professors

Neil S. Gaikwad, Harlin Lee, Yun Li, Beatriz Paniagua, Quoc Tran-Dinh.

Adjunct Research Professor

Russell M. Taylor II.

Teaching Professor

Tessa Joseph-Nicholas.

Teaching Associate Professors

Sayeed Ghani, Brent Munsell.

Teaching Assistant Professors

Prairie Rose Goodwin, Isabella Hinks, Alyssa Lytle, Connor McMahon, Kaki Ryan, Jorge Silva, Kevin Sun.

Professors of the Practice

Kris Jordan, Richard Marks, Mike Reed.

Professors Emeriti

Gary Bishop, Peter Calingaert, John Halton, Anselmo Lastra, Ming C. Lin, John B. Smith, Donald F. Stanat, Stephen Weiss, William Wright.

Contact Information

Department of Computer Science

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

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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 that 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 semester after completing or while currently enrolled in COMP 210. Students who are not admitted to the program can continue in the introductory course sequence with COMP 301 and COMP 211 in order to apply again or as part of completing the CS minor. Students who are admitted to the program have priority 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 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. 711).

Code	Title	Hours
Core Requirements		
COMP 210	Data Structures and Analysis ¹	3
COMP 211	Systems Fundamentals ¹	3
COMP 301	Foundations of Programming ¹	3
COMP 311	Computer Organization ¹	3
COMP 283	 Discrete Structures ^{1, H}	3
or MATH 381	Discrete Mathematics	
or STOR 315	 Discrete Mathematics for Data Science	
Two additional COMP elective courses numbered 420 or higher (at least three credits each) ²		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 ³		
BIOL 525	Analysis and Interpretation of Sequence-Based Functional Genomics Experiments	
BIOL 553	Mathematical and Computational Models in Biology	
BIOL 554	Introduction to Computational Neuroscience	
BIOS 512	Data Science Basics	
BIOS 611	Introduction to Data Science	
BIOS 635	Introduction to Machine Learning	
BMME 575	Practical Machine Learning for Biosignal Analysis	
ECON 525	 Advanced Financial Economics	
ECON 573	 Machine Learning and Econometrics	
GEOG 592	 Geographic Information Science Programming	
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 642	Data Mining	
INLS 672	Web Development II	
INLS 718	User Interface Design	
LING 401	 Introduction to Computational Linguistics	
LING 460	 Making Sense of Big Data: Textual Analysis with R	
LING 540	 Mathematical Linguistics	

MATH 560	Optimization with Applications in Machine Learning	
MATH 566	Introduction to Numerical Analysis	
MATH/ENVR 661	Scientific Computation I	
MEJO 581	User Experience Design and Usability	
PHYS 231	 Physical Computing ^H	
PHYS 331	Numerical Techniques for the Sciences I	
PHYS 332	Numerical Techniques for the Sciences II	
PSYC 559	Applied Machine Learning in Psychology	
STOR 512	Optimization for Machine Learning and Neural Networks	
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) ^{1, H, F}	4
STOR 155	 Introduction to Data Models and Inference ^{4, H, F}	3
or STOR 435	Introduction to Probability	
or STOR 535	Probability for Data Science	
or PSYC 210	 Statistical Principles of Psychological Research	
or EMES 520	Data Analysis for Earth and Marine 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.

¹ 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.

² Excluding COMP 496, COMP 690, and COMP 692H

³ 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.









⁴ 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.).

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
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	 Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Major Courses		
COMP 110	 Introduction to Programming (if needed) ^H	3
COMP 283 or MATH 381 or STOR 315	 Discrete Structures ^H or Discrete Mathematics or  Discrete Mathematics for Data Science	3
COMP 210	Data Structures and Analysis	3
MATH 231	 Calculus of Functions of One Variable I (fulfills FC-QUANT) ^{H, F}	4
Additional Courses		
Lifetime Fitness (p. 708)		1
Electives or IDEAs in Action Requirements		8
Hours		30
Sophomore Year		
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
Hours		30
Junior Year		
STOR 155	 Introduction to Data Models and Inference ^{H, F}	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
Hours		30
Senior Year		
Three COMP courses numbered 420 or higher		9
One Supplemental General Education course		3

IDEAs in Action and free elective courses	18
Hours	30
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.

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. 278)
- Computer Science Major, B.S. (p. 281)

Minor

- Computer Science Minor (p. 284)

Graduate Programs

- M.S. in Computer Science (<https://catalog.unc.edu/graduate/schools-departments/computer-science/>)
- Ph.D. in Computer Science (<https://catalog.unc.edu/graduate/schools-departments/computer-science/>)

Courses

- Computer Science (COMP) (<https://catalog.unc.edu/courses/comp/>)

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 semester after completing or while currently enrolled in COMP 210. Students who are not admitted to the program can continue in the introductory course sequence with COMP 301 and COMP 211 in order to apply again or as part of completing the computer science minor. Students who are admitted to the program have priority 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. 711).

Code	Title	Hours
Core Requirements		
COMP 210	Data Structures and Analysis ¹	3
COMP 211	Systems Fundamentals ¹	3
COMP 301	Foundations of Programming ¹	3
COMP 311	Computer Organization ¹	3
COMP 283	Discrete Structures ^{1, H}	3
or MATH 381	Discrete Mathematics	
or STOR 315	Discrete Mathematics for Data Science	
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). ²		15
Additional Requirements		
MATH 231	Calculus of Functions of One Variable I ^{1, H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{1, H, F}	4
MATH 233	Calculus of Functions of Several Variables ^{1, H, F}	4
or STOR 235	Mathematics for Data Science	
MATH 347	Linear Algebra for Applications ^F	3
or MATH 577	Linear Algebra	
STOR 435	Introduction to Probability ^H	3
or STOR 535	Probability for Data Science	
or BIOS 650	Basic Elements of Probability and Statistical Inference I	
Two science courses chosen from: ¹		8

ASTR 100/100L or ASTR 101/100L or ASTR 102/100L or ASTR 103/100L	
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory ^{H, F}
BIOL 202	Molecular Biology and Genetics ^{H, F}
BIOL 205	Cellular and Developmental Biology ^H
BIOL 220	Molecular Genetics ^H
BIOL 240	Cell Biology ^H
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{H, F}
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}
EMES 101 & 101L	Planet Earth and Planet Earth Laboratory ^F
EMES 103 & 103L	The Marine Environment and The Marine Environment Laboratory ^F
ENEC 202	Introduction to the Environmental Sciences
PHYS 114	General Physics I: For Students of the Life Sciences ^F
PHYS 115	General Physics II: For Students of the Life Sciences ^F
PHYS 118	Introductory Calculus-based Mechanics and Relativity ^{H, F}
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta ^{H, F}
PHYS 451	Electronics I
PHYS 452	Electronics II
B.S. majors in computer science must fulfill all IDEAs in Action General Education requirements.	
Total Hours	62

- ^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.











¹ A grade of C or better is required in each of COMP 283 (or MATH 381 or STOR 315), COMP 210, COMP 211, COMP 301, COMP 311, MATH 231, MATH 232, MATH 233 (or STOR 235), and the two science courses.

² 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.

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
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	 Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Major Courses		
COMP 110	 Introduction to Programming ^H	3
COMP 210	Data Structures and Analysis	3
COMP 283	 Discrete Structures ^H	3
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
Additional Courses		
Additional General Education courses		9
Hours		30
Sophomore Year		
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 ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
Two science courses (see requirement course list)		8
Two additional General Education courses		6
Hours		31
Junior Year		
COMP 455	Models of Languages and Computation	3
COMP 550	 Algorithms and Analysis	3
MATH 347	 Linear Algebra for Applications ^F	3
STOR 435	Introduction to Probability ^H	3
Two courses numbered COMP 420 or greater		6
Two additional General Education courses		6
Electives		6
Hours		30
Senior Year		
Three courses numbered COMP 420 or greater		9
General Education and free elective courses		20
Hours		29
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.

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. 278)
- Computer Science Major, B.S. (p. 281)

Minor

- Computer Science Minor (p. 284)

Graduate Programs

- M.S. in Computer Science (<https://catalog.unc.edu/graduate/schools-departments/computer-science/>)
- Ph.D. in Computer Science (<https://catalog.unc.edu/graduate/schools-departments/computer-science/>)

Courses

- Computer Science (COMP) (<https://catalog.unc.edu/courses/comp/>)

Contact Information

Department of Computer Science

Visit Program Website (<http://www.cs.unc.edu>)
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Computer Science Minor

The minor in computer science provides solid background for students choosing to pursue other major fields. The computer science minor program is available to all students, and does NOT require an application. Completion of the minor, however, is subject to course availability. Registration preference for majors ahead of minor-intending students

may limit the choice of upper division electives available to complete the 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. 711).

A student may minor in computer science by completing five courses within these restrictions:

Code	Title	Hours
Core Requirements		
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		
Total Hours		15

Alternatives to these requirements must be approved by the director of undergraduate studies.

Department Programs

Majors

- Computer Science Major, B.A. (p. 278)
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Minor

- Computer Science Minor (p. 284)

Graduate Programs

- M.S. in Computer Science (<https://catalog.unc.edu/graduate/schools-departments/computer-science/>)
- Ph.D. in Computer Science (<https://catalog.unc.edu/graduate/schools-departments/computer-science/>)

Courses

- Computer Science (COMP) (<https://catalog.unc.edu/courses/comp/>)

Contact Information

Department of Computer Science

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

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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. 286)

Minors

- Dramatic Art Minor (p. 288)
- Musical Theatre Performance Minor (p. 290)

Graduate Program

- M.F.A. in Dramatic Art (<https://catalog.unc.edu/graduate/schools-departments/dramatic-art/>)

Courses

- Dramatic Art (DRAM) (<https://catalog.unc.edu/courses/dram/>)

Professors

Janet A. Chambers, Julia Gibson, David Navalinsky, Michael J. Roller, Adam N. Versényi,

Associate Professors

Tracy Bersley, Samuel Ray Gates, Doug Hall, Jacqueline Lawton.

Assistant Professors

Tia James, Gwendolyn Schwinke, Kathryn Williams.

Professors of the Practice

Vivienne Benesch, Triffin Morris.

Teaching Professors

Jeffrey Blair Cornell, Gregory Kable.

Teaching Assistant Professors

Jim Bray, Rachel Hynes, Laura Pates, Mark Perry, Rachel Pollock, Aubrey Snowden.

Professors Emeriti

Judith L. Adamson, McKay Coble, 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.

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
dbnav@email.unc.edu

Director of Graduate Studies

Aubrey Snowden
asnowden@email.unc.edu

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. 711).

Code	Title	Hours
Core Requirements		
DRAM 120	 Play Analysis ^{1, H, F}	3
Three courses in dramatic literature/theatre history/criticism:		9
DRAM 220	 Theatre Histories ²	
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 ^H	
DRAM 285	 Modern British Drama ^H	
DRAM 287	 African American Theatre	

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	
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.) ³	3
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.

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.

¹ 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.

² DRAM 220 is the pre-requisite for the rest of the dramatic literature/theatre/history/criticism courses.

³ 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. 286)

Minors

- Dramatic Art Minor (p. 288)
- Musical Theatre Performance Minor (p. 290)

Graduate Program

- M.F.A. in Dramatic Art (<https://catalog.unc.edu/graduate/schools-departments/dramatic-art/>)

Courses

- Dramatic Art (DRAM) (<https://catalog.unc.edu/courses/dram/>)

Contact Information

Department of Dramatic Art

Visit Program Website (<http://drama.unc.edu>)
Center for Dramatic Art, CB# 3230
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Chair

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Director of Undergraduate Studies

David Navalinsky
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Director of Graduate Studies

Aubrey Snowden
asn Snowden@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. 711).

The minor in dramatic art consists of four or five courses, depending on the concentration:

Dramaturgy

Code	Title	Hours
Core Requirements		
DRAM 120	 Play Analysis ^{H, F}	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 ^H	
DRAM 285	 Modern British Drama ^H	
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

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.

Theatrical Design












Code	Title	Hours
Core Requirements		
DRAM 120	 Play Analysis ^{H, F}	3
DRAM 220	 Theatre Histories	3
Three courses chosen from:		9
DRAM 277	 Introduction to Theatrical Design	
DRAM 365	 Introduction to Projection Design and Mapping	
DRAM 465	 Sound Design	
DRAM 466	 Scene Design	
DRAM 467	 Costume Design I	
DRAM 468	 Lighting Design I	
DRAM 470	Survey of Costume History ^H	
DRAM 666	 Media in Performance	

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.

Theatrical Production

Code	Title	Hours
Core Requirements		
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 365	 Introduction to Projection Design and Mapping	
DRAM 460	 Stage Management	
DRAM 465	 Sound Design	
DRAM 466	 Scene Design	
DRAM 467	 Costume Design I	
DRAM 468	 Lighting Design I	
DRAM 666	 Media in Performance	

Total Hours 12

Theatre Management

Code	Title	Hours
Core Requirements		
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 ^{H, F}	
BUSI 405	 Leading and Managing: An Introduction to Organizational Behavior	
BUSI 406	Marketing	

Total Hours 12

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. 286)

Minors

- Dramatic Art Minor (p. 288)
- Musical Theatre Performance Minor (p. 290)

Graduate Program

- M.F.A. in Dramatic Art (<https://catalog.unc.edu/graduate/schools-departments/dramatic-art/>)

Courses

- Dramatic Art (DRAM) (<https://catalog.unc.edu/courses/dram/>)

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

Director of Graduate Studies

Aubrey Snowden
asnowden@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. 711).

The minor requires 15 credit hours. Students can pursue one of three tracks.

Music Track

Code	Title	Hours
Core Requirements		
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 ^H	
At least 4 hours in Movement Literacy:		4
EXSS 10	Beginning Ballet	
EXSS 11	Introduction to Dance Technique	
EXSS 12	Beginning Modern Dance	
EXSS 20	Intermediate Ballet	
EXSS 22	Intermediate Modern Dance	
EXSS 30	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	
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 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
Core Requirements		
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
EXSS 10	Beginning Ballet	
EXSS 11	Introduction to Dance Technique	
EXSS 12	Beginning Modern Dance	
EXSS 20	Intermediate Ballet	
EXSS 22	Intermediate Modern Dance	
EXSS 30	Advanced Ballet	
DRAM 154	Performers' Awareness	
DRAM 155	Movement for the Actor	
The remaining 4 hours can come from either list above		4
Total Hours		15

Students in the dramatic track may not also pursue the dramatic art major or minor.

Hybrid Track

Code	Title	Hours
Core Requirements		
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
Music Literacy		
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 ^H	
Acting Literacy		
DRAM 135	 Acting for Nonmajors	
DRAM 140	Voice Training I	
DRAM 144	Acting the Song	
Movement Literacy		
EXSS 10	Beginning Ballet	
EXSS 11	Introduction to Dance Technique	
EXSS 12	Beginning Modern Dance	
EXSS 20	Intermediate Ballet	
EXSS 22	Intermediate Modern Dance	
EXSS 30	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. 471)
- Music Major, Bachelor of Music (B.Mus.) (p. 472)

Minor

- Music Minor (p. 475)
- Musical Theatre Performance Minor (p. 290)

Graduate Programs

- M.A. in Musicology (<https://catalog.unc.edu/graduate/schools-departments/music/>)
- Ph.D. in Musicology (<https://catalog.unc.edu/graduate/schools-departments/music/>)

Courses

- Music (MUSC) (<https://catalog.unc.edu/courses/musc/>)

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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Chair

Jocelyn Neal
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Associate Chair for Performance, Composition, and Music Education

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Associate Chair for Academic Studies

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Director of Undergraduate Studies

Lee Weisert
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Registrar

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Department of Earth, Marine, and Environmental Sciences

Introduction

The Department of Earth, Marine, and Environmental Sciences (EMES) 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 director of undergraduate studies works 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, geophysical and seismic imaging facilities, environmentally controlled laboratory spaces, a paleoclimate laboratory, an aquarium research facility, and a clean room for trace metal research. The department also shares the interdisciplinary Joint Fluids Lab with researchers in applied mathematics. In addition, the Institute for Marine Sciences, located in Morehead City, N.C., houses laboratory buildings with dock and ocean access and a modern vivarium space for marine research. 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 and marine sciences, graduates 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 environmental and regulatory agencies. Many positions prefer some graduate training at the master's level, and a doctoral degree is typically required for employment in higher education.

Majors

- Geological Sciences Major, B.A. –Earth Science (<https://catalog.unc.edu/undergraduate/programs-study/geological-sciences-major-ba-earth-science-concentration/>)
- Earth and Marine Sciences Major, B.S. (<https://catalog.unc.edu/undergraduate/programs-study/earth-marine-sciences-major-bs/>)

Minors

- Environmental Microbiology Minor (p. 298)
- Geological Sciences Minor (p. 299)
- Hydrology Minor (p. 301)
- Marine Sciences Minor (p. 302)

Graduate Programs

- M.S. in Earth and Marine Sciences (<https://catalog.unc.edu/graduate/schools-departments/earth-marine-environment/>)
- Ph.D. in Earth and Marine Sciences (<https://catalog.unc.edu/graduate/schools-departments/earth-marine-environment/>)

Courses

- Earth, Marine, and Environmental Sciences (EMES) (<https://catalog.unc.edu/courses/emes/>)

Distinguished Professors

Christopher S. Martens, Richard A. Luettich, Brent A. McKee, Rachel Noble, Hans Pearl.

Professors

Carol Arnosti, Jaye E. Cable, Karl Castillo, Drew S. Coleman, Joel Fodrie, Eric Kirby, Jonathan Lees, Niels Lindquist, Richard A. Luettich, Adrian

Marchetti, Laura Moore, Rachel Noble, Janet Nye, Tamlin M. Pavelsky, Michael Piehler, Antonio Rodriguez, Harvey Seim, Donna Surge, Andreas Teske.

Associate Professors

Marc J. Alperin, Scott Gifford, Xiaoming Liu, Janet Nye, Johanna Rosman, Alicia Septer, Kevin G. Stewart.

Assistant Professors

Sevan Adourian, Kennet Flores, Jonathan Gardner, Antonia Sebastian.

Research Assistant Professors

Nathan Hall, Chao Wang.

Teaching Associate Professor

Megan Plenge.

Teaching Assistant Professor

Michelle Haskin.

Professors Emeriti

Dan Albert, John M. Bane Jr., Larry K. Benninger, Paul D. Fullagar, Allen F. Glazner.

Contact Information

Department of Earth, Marine, and Environmental Sciences

Visit Program Website (<https://emes.unc.edu/>)

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Violet Anderson

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Undergraduate Student Services Specialist

Heratia Brelland

heratiab@unc.edu

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 analyze environmental data, to evaluate ecosystem structure and function, and to anticipate how climate change and human activities will impact terrestrial and marine environments. Students will also explore strategies to build infrastructure and communities that are resilient to natural hazards.

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 (<https://catalog.unc.edu/archives/>) 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. 711).

Students can pursue one of three concentrations, as outlined below.

Geoscience Concentration

Code	Title	Hours
Core Requirements		
EMES 200	 The Solid Earth	3
EMES 201	 Earth's Surface: Processes, Landforms, and History	3
EMES 203	 Data Analysis for Earth, Marine, and Environmental Sciences	3
Select four fundamentals courses (at least one with a lab)		13
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 405	 Geochemistry	
EMES 406	Introduction to Geophysics	
EMES 417	Surface Processes and Landscape Evolution	
EMES 435	Principles of Environmental Consulting: Mechanics of Groundwater Flow	
Select three EMES specialization courses numbered 300 and higher		9-12
Six credits of a capstone experience:		6
EMES 395	 Undergraduate Research in Earth, Marine, and Environmental Sciences (6 credit hours total)	
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	
Additional Requirements		
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
PHYS 114	 General Physics I: For Students of the Life Sciences ^F	4
or PHYS 118	 Introductory Calculus-based Mechanics and Relativity	
Select two of the following options:		6-8
BIOL 101/101L or BIOL 101/102L		
COMP 110	 Introduction to Programming and Data Science ^H	
or COMP 111 Introduction to Scientific Programming		
Any MATH above MATH 232 or MATH 210		
STOR 120, 151, or 155		
PHYS 115	 General Physics II: For Students of the Life Sciences ^F	

or PHYS 119  Introductory Calculus-based Electromagnetism and Quanta











Total Hours **63-68**

- ^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.











¹ Must be pre-approved by the Director of Undergraduate Studies.

² This course may also be used to satisfy one of the required GEOL courses numbered above 300

Hydrology Concentration

Code	Title	Hours
Core Requirements		
EMES 201	 Earth's Surface: Processes, Landforms, and History	3
EMES 203	 Data Analysis for Earth, Marine, and Environmental Sciences	3
Select one of the following options:		3
EMES 200	 The Solid Earth	
EMES 103 & 103L	 The Marine Environment and  The Marine Environment Laboratory ^F	
EMES 401	Oceanography	
Select four fundamentals courses (at least one with a lab)		13
EMES 303	Sedimentology and Stratigraphy	
EMES 324 & 324L	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems and  Water in Our World Laboratory	
EMES 414	Flood Hydrology: Models and Data Analysis	
EMES 417	Surface Processes and Landscape Evolution	
EMES 433	Wetland Hydrology	
EMES 435	Principles of Environmental Consulting: Mechanics of Groundwater Flow	
EMES 436	Geochemistry of Natural Waters	
EMES 460	Fluid Dynamics of the Environment	
EMES 483	Geologic and Oceanographic Applications of Geographical Information Systems	
Select three EMES specialization courses numbered 300 and higher		9-12
Six credits of a capstone experience:		6
EMES 395	 Undergraduate Research in Earth, Marine, and Environmental Sciences (6 credit hours total)	
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	





ENEC 698 Capstone: Analysis and Solution of Environmental Problems (with approval based on topic)

Additional Requirements		
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
PHYS 114	 General Physics I: For Students of the Life Sciences ^F	4
or PHYS 118  Introductory Calculus-based Mechanics and Relativity		
Select two of the following options:		6-8
BIOL 101/101L or BIOL 101/102L		
COMP 110	 Introduction to Programming and Data Science ^H	
or COMP 116 Introduction to Scientific Programming		
Any MATH above MATH 232 or MATH 210		
STOR 120, 151, or 155		
PHYS 115	 General Physics II: For Students of the Life Sciences ^F	
or PHYS 119  Introductory Calculus-based Electromagnetism and Quanta		

Total Hours **63-68**

- ^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.




Marine Biology and Ecology Concentration

Code	Title	Hours
Core Requirements		
EMES 103 & 103L	 The Marine Environment and  The Marine Environment Laboratory ^F	3-4
or EMES 401	Oceanography	
EMES 203	 Data Analysis for Earth, Marine, and Environmental Sciences	3
EMES 204	 The Microbial World: Foundations in Structure, Metabolism, and Ecology	3-4
or BIOL 250	Evolutionary Biology	
or BIOL 260	Introduction to Ecology	
Select four fundamentals courses (at least one with a lab)		13
EMES 320	Marine Life in a Fluid World	
EMES 436	Geochemistry of Natural Waters	
EMES 441	Marine Physiological Ecology	








EMES 442	Marine Biology
EMES 443	Marine Microbiology
EMES 446	Marine Microbial Symbioses: Exploring How Microbial Interactions Affect Ecosystems and Human Health
EMES 448	Coastal and Estuarine Ecology
EMES 450	Biogeochemical Processes
EMES 471	Human Impacts on Estuarine Ecosystems
BIOL 462/ EMES 440	Marine Ecology
ENVR 419	Chemical Equilibria in Natural Waters

Select three EMES specialization courses numbered 300 and higher 9-12




Six credits of a capstone experience: 6

EMES 395	 Undergraduate Research in Earth, Marine, and Environmental Sciences (6 credit hours total)
EMES 691H & EMES 692H	 Honors in Earth, Marine, and Environmental Sciences and  Honors in Earth, Marine, and Environmental Sciences
ENEC 698	Capstone: Analysis and Solution of Environmental Problems (with permission based on topic)

Additional Requirements

CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
PHYS 114	 General Physics I: For Students of the Life Sciences ^F	4
or PHYS 118	 Introductory Calculus-based Mechanics and Relativity	

Select two of the following options: 6-8

BIOL 101/101L or BIOL 101/102L	
COMP 110	 Introduction to Programming and Data Science ^H
or COMP 111	Introduction to Scientific Programming
Any MATH above MATH 232 or MATH 210	
STOR 120, 151, or 155	
PHYS 115	 General Physics II: For Students of the Life Sciences ^F
or PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta

Total Hours 63-70

^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.

Department Programs

Majors

- Geological Sciences Major, B.A. –Earth Science (<https://catalog.unc.edu/undergraduate/programs-study/geological-sciences-major-ba-earth-science-concentration/>)
- Earth and Marine Sciences Major, B.S. (<https://catalog.unc.edu/undergraduate/programs-study/earth-marine-sciences-major-bs/>)

Minors

- Environmental Microbiology Minor (p. 298)
- Geological Sciences Minor (p. 299)
- Hydrology Minor (p. 301)
- Marine Sciences Minor (p. 302)

Graduate Programs

- M.S. in Earth and Marine Sciences (<https://catalog.unc.edu/graduate/schools-departments/earth-marine-environment/>)
- Ph.D. in Earth and Marine Sciences (<https://catalog.unc.edu/graduate/schools-departments/earth-marine-environment/>)

Courses

- Earth, Marine, and Environmental Sciences (EMES) (<https://catalog.unc.edu/courses/emes/>)

Contact Information

Department of Earth, Marine, and Environmental Sciences

Visit Program Website (<https://emes.unc.edu/>)

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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. The B.A. degree is designed to prepare students for professional employment in the earth and environmental sciences and is an ideal degree program for students who wish to pursue a double major.

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. 711).

Code	Title	Hours
Core Requirements		
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 ¹	
Science-oriented Experiential Education (EE) courses (6 credits total). ²		
Additional Requirements		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{H, F}	4
MATH 130	Precalculus Mathematics ^F	3
At least three geology and/or allied science electives not otherwise required for the major (see below chart)		9
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.

¹ 6 credits of independent research
² 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 ^{H, F}	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 ^{H, F}	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 ^H	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) (<https://catalog.unc.edu/courses/astr/>)
- Biochemistry (BIOC) (<https://catalog.unc.edu/courses/bioc/>)
- Biology (BIOL) (<https://catalog.unc.edu/undergraduate/programs-study/geological-sciences-major-ba-earth-science-concentration/courses/biol/>)
- Chemistry (CHEM) (<https://catalog.unc.edu/courses/chem/>)
- Computer Science (COMP) (<https://catalog.unc.edu/courses/comp/>)
- Environmental Health Sciences (ENVR) (<https://catalog.unc.edu/courses/envr/>)
- Geography (GEOG) (<https://catalog.unc.edu/courses/geog/>)
- Geological Sciences (GEOL) (<https://catalog.unc.edu/courses/geol/>)
- Marine Sciences (MASC) (<https://catalog.unc.edu/courses/masc/>)
- Mathematics (MATH) (<https://catalog.unc.edu/courses/math/>)
- Physics (PHYS) (<https://catalog.unc.edu/courses/phys/>)
- Statistics and Operations Research (STOR) (<https://catalog.unc.edu/courses/stor/>)

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
Educational Foundations		
EDUC 532	 Human Development and Learning	3
EDUC 615	 Schools and Community Collaboration	3
EDUC 689	Foundations of Special Education	3
Student Teaching		
EDUC 593	 Internship/Student Teaching	12
Seminar		
EDUC 601	Education Workshops	1
Pedagogy Course		

EMES 412	 Principles and Methods of Teaching Earth Science	4
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Total Hours 26

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 (EMES 395) or in conjunction with the geology honors program.

Department Programs

Majors

- Geological Sciences Major, B.A. –Earth Science (<https://catalog.unc.edu/undergraduate/programs-study/geological-sciences-major-ba-earth-science-concentration/>)
- Earth and Marine Sciences Major, B.S. (<https://catalog.unc.edu/undergraduate/programs-study/earth-marine-sciences-major-bs/>)

Minors

- Environmental Microbiology Minor (p. 298)
- Geological Sciences Minor (p. 299)
- Hydrology Minor (p. 301)
- Marine Sciences Minor (p. 302)

Graduate Programs

- M.S. in Earth and Marine Sciences (<https://catalog.unc.edu/graduate/schools-departments/earth-marine-environment/>)
- Ph.D. in Earth and Marine Sciences (<https://catalog.unc.edu/graduate/schools-departments/earth-marine-environment/>)

Courses

- Earth, Marine, and Environmental Sciences (EMES) (<https://catalog.unc.edu/courses/emes/>)

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. 711).

Code	Title	Hours
Core Requirements		
One course emphasizing microbiology fundamentals, chosen from:		3-4

EMES 204	 The Microbial World: Foundations in Structure, Metabolism, and Ecology ¹
BIOL 422 & 422L	Microbiology and Microbiology Laboratory ¹
MCRO 251	Introductory Medical Microbiology
Four courses emphasizing microbial ecological theory, evolution, or within the environment, chosen from:	
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 ^H
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 ³
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) ²

Total Hours **15-16**

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ Prerequisite(s) required. Check course description for details.

² Requires permission by the program director.

³ 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 (<https://catalog.unc.edu/undergraduate/programs-study/geological-sciences-major-ba-earth-science-concentration/>)

- Earth and Marine Sciences Major, B.S. (<https://catalog.unc.edu/undergraduate/programs-study/earth-marine-sciences-major-bs/>)

Minors

- Environmental Microbiology Minor (p. 298)
- Geological Sciences Minor (p. 299)
- Hydrology Minor (p. 301)
- Marine Sciences Minor (p. 302)

Graduate Programs

- M.S. in Earth and Marine Sciences (<https://catalog.unc.edu/graduate/schools-departments/earth-marine-environment/>)
- Ph.D. in Earth and Marine Sciences (<https://catalog.unc.edu/graduate/schools-departments/earth-marine-environment/>)

Courses

- Earth, Marine, and Environmental Sciences (EMES) (<https://catalog.unc.edu/courses/emes/>)

Contact Information

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Undergraduate Student Services Specialist

Heratia Brelland
heratiab@unc.edu

Geological Sciences Minor

The minor in geological sciences is designed for students who would like to acquire a basic knowledge of geology in addition to their major area of study. The minor requirements can be satisfied with a wide variety

of course work that will provide students with an understanding of earth resources, structure, processes, and history. These topics are particularly valuable to students who are interested in natural resources, including energy and water, and environmental hazards.

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. 711).

Code	Title	Hours
Core Requirements		
Four EMES courses from the list of options below. ¹		12
Total Hours		12

¹ Only one course may be numbered less than 200.

Code	Title	Hours
EMES 68	First-Year Seminar: Soundscape of Our Planet	3
EMES 72H	First-Year Seminar: Field Geology of Eastern California	3
EMES 76	First-Year Seminar: Energy Resources for a Hungry Planet	3
EMES 77	First-Year Seminar: Volcanoes and Civilization: An Uneasy Coexistence	3
EMES 79	First-Year Seminar: Coasts in Crisis	3
EMES 89	First-Year Seminar: Special Topics ¹	3
EMES 101 & 101L	Planet Earth and Planet Earth Laboratory	4
EMES 103 & 103L	The Marine Environment and The Marine Environment Laboratory	4
EMES 200	The Solid Earth	3
EMES 201	Earth's Surface: Processes, Landforms, and History	3
EMES 203	Data Analysis for Earth, Marine, and Environmental Sciences	3
EMES 221	Geology of North America	3
EMES 301	Earth Materials: Minerals	4
EMES 302	Structural Geology	4
EMES 303	Sedimentology and Stratigraphy	4
EMES 304	Petrology and Plate Tectonics	4
EMES 305	Planetary Geology: Meteorites and Asteroids	3
EMES 306	Earth Systems History	3
EMES 310	Coastal Environmental Change	3
EMES 314	Earth Systems in a Changing World	3
EMES 324 & 324L	Water in Our World: Introduction to Hydrologic Science and Environmental Problems and Water in Our World Laboratory	4
EMES 395	Undergraduate Research in Earth, Marine, and Environmental Sciences ²	1-3

or EMES 396	Independent Study in Earth, Marine, and Environmental Sciences	
EMES 405	Geochemistry	3
EMES 406	Introduction to Geophysics	3
EMES 412	Principles and Methods of Teaching Earth Science	4
EMES 414/ENEC 514	Flood Hydrology: Models and Data Analysis	3
EMES/ENEC 417	Surface Processes and Landscape Evolution	4
EMES/ANTH 421	Archaeological Geology	3
EMES 425	Introduction to Field Geology	3
EMES 431	Major World Rivers and Global Change: From Mountains to the Sea	3
EMES 432	Paleoclimatology	3
EMES/ENEC 435	Principles of Environmental Consulting: Mechanics of Groundwater Flow	3
EMES 436	Geochemistry of Natural Waters	3
EMES 438	Principles of Seismology	3
EMES 483	Geologic and Oceanographic Applications of Geographical Information Systems	4
EMES 485	Summer Field Course in Geology	3
EMES 486	Summer Field Course in Geology	3
EMES 501	Geological Research Techniques	3
EMES 504	Advanced Petrology	3
EMES 508	Global Hydrology	3
EMES/ENEC 511	Stable Isotopes in the Environment	3
EMES/ENEC 512	Advanced Coastal Environmental Change	3
EMES 520	Data Analysis in the Earth Sciences	3
EMES 525	Inverse Theory: Advanced Data Analysis and Geophysical Modeling	3
EMES 567	Application of Plasma Mass Spectrometry in Earth and Environmental Sciences	3
EMES 580	Evolution of Earth's Surface Environment	3
EMES 608	Continuum Mechanics in the Earth Sciences	3
EMES 655	Recent Advances in Non-Traditional Stable Isotope Geochemistry	3
GEOG 440/GEOL 502	Earth Surface Processes	3

¹ With permission, based on topic.

² Student must register for a minimum of 3 credit hours. No more than 3 credit hours may apply towards the minor.

See the program page here (p. 296) for special opportunities.

Department Programs

Majors

- Geological Sciences Major, B.A.—Earth Science (<https://catalog.unc.edu/undergraduate/programs-study/geological-sciences-major-ba-earth-science-concentration/>)
- Earth and Marine Sciences Major, B.S. (<https://catalog.unc.edu/undergraduate/programs-study/earth-marine-sciences-major-bs/>)

Minors

- Environmental Microbiology Minor (p. 298)
- Geological Sciences Minor (p. 299)
- Hydrology Minor (p. 301)
- Marine Sciences Minor (p. 302)

Graduate Programs

- M.S. in Earth and Marine Sciences (<https://catalog.unc.edu/graduate/schools-departments/earth-marine-environment/>)
- Ph.D. in Earth and Marine Sciences (<https://catalog.unc.edu/graduate/schools-departments/earth-marine-environment/>)

Courses

- Earth, Marine, and Environmental Sciences (EMES) (<https://catalog.unc.edu/courses/emes/>)

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Hydrology Minor

Water is critical to all life on earth. The hydrology minor at UNC is designed to provide students with fundamental knowledge of the natural and societal processes which govern the occurrence, distribution, and biogeochemical properties of water on the Earth, and the ability to use that knowledge to address modern societal challenges. Students who complete the minor will be well-qualified to pursue careers in



environmental consulting, water management and/or policy, climate services, and more.

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. 711).

Code	Title	Hours
Core Requirements		
EMES 324 & 324L	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems and  Water in Our World Laboratory	4
Four additional courses emphasizing surface or groundwater processes, aquatic ecology or biogeochemistry, or water resources, chosen from the following list:		12
EMES 414/ ENEC 514	Flood Hydrology: Models and Data Analysis ¹	
EMES/ENEC 417	Surface Processes and Landscape Evolution ¹	
EMES 431	Major World Rivers and Global Change: From Mountains to the Sea	
EMES 433	Wetland Hydrology	
EMES/ENEC 435	Principles of Environmental Consulting: Mechanics of Groundwater Flow ¹	
EMES 436	Geochemistry of Natural Waters ¹	
EMES 460	Fluid Dynamics of the Environment ¹	
EMES 508	Global Hydrology ¹	
ENEC 581	Water Resource Planning and Policy Analysis ²	
ENEC 586	Water Quality Policies and Planning ¹	
ENVR 453	Groundwater Hydrology	
GEOG 341	Hydrology, Ecology, and Sustainability of the Humid Tropics	
GEOG 440	Earth Surface Processes ¹	
GEOG 441	Introduction to Watershed Systems ¹	
GEOG 442	Limnology and Freshwater Ecology	
3 credits of mentored undergraduate research (e.g., 395) with an advisor with a hydrology focus		
Total Hours		16

¹ Check the course description for prerequisite(s).

² Also offered as ENVR 781.

Department Programs

Majors

- Geological Sciences Major, B.A.–Earth Science (<https://catalog.unc.edu/undergraduate/programs-study/geological-sciences-major-ba-earth-science-concentration/>)

- Earth and Marine Sciences Major, B.S. (<https://catalog.unc.edu/undergraduate/programs-study/earth-marine-sciences-major-bs/>)

Minors

- Environmental Microbiology Minor (p. 298)
- Geological Sciences Minor (p. 299)
- Hydrology Minor (p. 301)
- Marine Sciences Minor (p. 302)

Graduate Programs

- M.S. in Earth and Marine Sciences (<https://catalog.unc.edu/graduate/schools-departments/earth-marine-environment/>)
- Ph.D. in Earth and Marine Sciences (<https://catalog.unc.edu/graduate/schools-departments/earth-marine-environment/>)

Courses

- Earth, Marine, and Environmental Sciences (EMES) (<https://catalog.unc.edu/courses/emes/>)

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Marine Sciences Minor

The minor in marine sciences is designed to allow students access to departmental courses, facilities, and advisors 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. 711).

Code	Title	Hours
Core Requirements		
One course emphasizing global oceanic processes:		3
EMES 401/ BIOL 350/ ENVR 417	Oceanography ¹	
EMES 103	 The Marine Environment ^{1, F}	
Three additional courses in marine sciences from the following list:		9
EMES 52	 First-Year Seminar: Living with Our Oceans and Atmosphere	
EMES 53	 First-Year Seminar: The Ends of the Earth: Polar Oceanography and Exploration	
EMES 55	 First-Year Seminar: Change in the Coastal Ocean	
EMES 89	 First-Year Seminar: Special Topics ²	
EMES 203	 Data Analysis for Earth, Marine, and Environmental Sciences	
EMES/BIOL 204	 The Microbial World: Foundations in Structure, Metabolism, and Ecology	
EMES/ENEC 220	North Carolina Estuaries: Environmental Processes and Problems	
EMES/ENEC 352	Marine Fisheries Ecology	
EMES 395	 Undergraduate Research in Earth, Marine, and Environmental Sciences ²	
EMES/ENEC 411	Oceanic Processes in Environmental Systems	
EMES 434	Blue Carbon and Coastal Environments	
EMES 440/ BIOL 462	Marine Ecology	
EMES/ENEC 441	Marine Physiological Ecology	
EMES 442/ BIOL 457	Marine Biology	
EMES 443	Marine Microbiology	
EMES/ENEC 444/BIOL 456	Marine Phytoplankton	
EMES 446/ BIOL 452	Marine Microbial Symbioses: Exploring How Microbial Interactions Affect Ecosystems and Human Health	

EMES 447	Microbial Ecological Genomics
EMES/ENEC 448	Coastal and Estuarine Ecology
EMES 470	Estuarine and Coastal Marine Science
EMES/ENEC 471	Human Impacts on Estuarine Ecosystems
EMES 472	Barrier Island Ecology and Geology
EMES/ENGL 473	 The Changing Coasts of Carolina
EMES 474	Marine Geology
EMES 483	Geologic and Oceanographic Applications of Geographical Information Systems
EMES/ENVR 505	Chemical Oceanography
EMES 506	Physical Oceanography
EMES 507/ BIOL 657/ ENVR 520	Biological Oceanography
EMES/ENEC 512	Advanced Coastal Environmental Change


Total Hours 12

^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.

¹ Students may not receive credit for both EMES 103 and EMES 401.

² With permission, based on topic.

The following courses can be applied to the marine sciences minor when they are taken as part of the semester at the Institute of Marine Sciences Field Site in Morehead City.

Code	Title	Hours
ENEC 204	Environmental Seminar	1-3
ENEC 395	 Research in Environmental Sciences and Studies for Undergraduates	1-3
ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3

Earth, Marine, and Environmental Sciences (EMES) course descriptions (<https://catalog.unc.edu/courses/emes/>).

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 (<https://catalog.unc.edu/undergraduate/programs-study/geological-sciences-major-ba-earth-science-concentration/>)
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Minors

- Environmental Microbiology Minor (p. 298)
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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. 305)
- Economics Major, B.S. (p. 308)

Minor

- Economics Minor (p. 310)
- Entrepreneurship Minor (p. 311)

Graduate Programs

- M.S. in Economics (<https://catalog.unc.edu/graduate/schools-departments/economics/>)
- Ph.D. in Economics (<https://catalog.unc.edu/graduate/schools-departments/economics/>)

Courses

- Economics (ECON) (<https://catalog.unc.edu/courses/econ/>)

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Associate Professors

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Teaching Associate Professors

Christopher Handy, Christopher Roark, Kalina Staub.

Teaching Assistant Professors

Yinghsuan Chao, Robert McDonough, Tugba Somuncu.

Professor of the Practice

Bernard Bell.

Adjunct Faculty

Simon Alder, James Anton, Clement Joubert, Ju Hyun Kim, Asger Lunde, Nathan Letts, Gordon Liu, Michael T. Owyang, Toan Phan, Frank Sloan, Duncan Thomas.

Professors Emeriti

John S. Akin, Dennis Appleyard, Rita Anne Balaban, Ralph Byrns, Patrick J. Conway, William A. Darity Jr., Alfred J. Field Jr., A. Ronald Gallant, David

K. Guilkey, Dell B. Johannesen, James L. Murphy, Michael K. Salemi, John Stewart, Helen Tauchen, Boone Turchi, Roger Waud, James Wilde, Xiaodong Wu.

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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. 711).

Code	Title	Hours
Gateway Course		
ECON 101	Introduction to Economics (with a grade of C or better) ^{H, F}	4
Core Requirements		
ECON 400	Introduction to Data Science and Econometrics (with a grade of C or better) ^H	4
ECON 410	Intermediate Microeconomics (with a grade of C or better) ^H	4
ECON 420	Intermediate Macroeconomics ^H	3
Four ECON courses at the 400, 500, or 600 level, with at least one course numbered ECON 500 or higher. ^{1,3}		12
Additional Requirements		
One calculus course chosen from: ²		3-4
MATH 152	Calculus for Business and Social Sciences ^F	
MATH 231	Calculus of Functions of One Variable I ^{H, F}	
STOR 113	Decision Models for Business and Economics	
Total Hours		30-31

^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.

¹ Note that 200- and 300-level courses do not count toward the major. ECON 493 does not count for 400-level credit. 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.

² 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.

³ 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.).

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
First-Year Foundation Courses		
IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Major Courses		
MATH 231 or STOR 113 or MATH 152	Calculus of Functions of One Variable I ^{H, F} or Decision Models for Business and Economics or Calculus for Business and Social Sciences	4
ECON 101	Introduction to Economics ^{H, F}	4
Hours		16
Sophomore Year		
ECON 400 ^H	Introduction to Data Science and Econometrics	4
ECON 410	Intermediate Microeconomics ^H	4
ECON 420	Intermediate Macroeconomics ^H	3
Hours		11
Junior Year		
ECON 4--	Two 400-level ECON electives	6
Hours		6
Senior Year		
ECON 4--	One 400-level ECON elective	3
ECON 5--	One 500-level ECON elective	3
Hours		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.

Sample Plan 2 (Honors Thesis Track)

First Year		Hours
First-Year Foundation Courses		
IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Major Courses		
MATH 231 or STOR 113 or MATH 152	Calculus of Functions of One Variable I ^{H, F} or Decision Models for Business and Economics or Calculus for Business and Social Sciences	4
ECON 101	Introduction to Economics ^{H, F}	4
Hours		16
Sophomore Year		
ECON 400 ^H	Introduction to Data Science and Econometrics	4
ECON 410	Intermediate Microeconomics ^H	4
ECON 420	Intermediate Macroeconomics ^H	3
Hours		11
Junior Year		
ECON 4--	Two 400-level ECON electives	6
ECON 470	Econometrics ^H	3
Hours		9
Senior Year		
ECON 691H	Honors Course	3
ECON 692H	Honors Course	3
Hours		6
Total Hours		42

^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 Economics

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.

Credential in Quantitative Financial Economics (QFE)

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
To earn the credential a student must complete three courses:		
ECON 425	Financial Economics	3
ECON 493	Practicum in Quantitative Financial Economics	1
ECON 525	 Advanced Financial Economics	3
Total Hours		7

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.

Research Opportunities

In spring 2025, the department has started a new undergraduate research Initiative to allow students to engage in research outside the classrooms. Current activities include:

Summer Research

Summer research projects provide an opportunity to explore a research question in depth with an advanced Ph.D. student or faculty member.

Faculty-Led Research

Students work as part of a research team on an actual, frontier-research project led by a faculty member. Students may receive course credit or work for hourly pay.

Conference and Seminars

The department coordinates, encourages, and supports with a small grant the presentation of undergraduate research at scientific research conferences and seminars.

Economics Adventures

The department offers small grants to help finance your adventure. Adventures include, but are not limited to: meeting prominent scholars and economics practitioners, visiting relevant locations, research visits to libraries or data storage facilities.

Ceteris Paribus: The Carolina Journal of Undergraduate Research in Economics

Born from a students' initiative, *Ceteris Paribus* publishes, promotes, and engenders undergraduate research in economics at UNC and beyond. Faculty members are actively engaged in the project, assisting in its launch, and participating in the Faculty Scientific Committee. Learn more here (<https://econ.unc.edu/econ-journal/>).

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.

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. 305)
- Economics Major, B.S. (p. 308)

Minor

- Economics Minor (p. 310)
- Entrepreneurship Minor (p. 311)

Graduate Programs

- M.S. in Economics (<https://catalog.unc.edu/graduate/schools-departments/economics/>)
- Ph.D. in Economics (<https://catalog.unc.edu/graduate/schools-departments/economics/>)

Courses

- Economics (ECON) (<https://catalog.unc.edu/courses/econ/>)

Contact Information

Department of Economics

Visit Program Website (<http://econ.unc.edu>)
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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. 711).

Code	Title	Hours
Gateway Requirement		
ECON 101	 Introduction to Economics (with a grade of C or better) ^{H, F}	4
Core Requirements		
ECON 400	 Introduction to Data Science and Econometrics (with a grade of C or better) ^H	4
ECON 410	 Intermediate Microeconomics (with a grade of C or better) ^H	4
ECON 420	Intermediate Macroeconomics ^H	3
ECON 470	 Econometrics ^H	3
Five ECON courses at the 400, 500, or 600 level, with at least two numbered 500 or higher ^{1, 3}		15
Additional Requirements		
MATH 231	 Calculus of Functions of One Variable I ^{2, H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4

or MATH 235	Mathematics for Data Science	
Select two of the following:		6
COMP 110	Introduction to Programming ^H	
or COMP 11 (Introduction to Scientific Programming)		
MATH 347	Linear Algebra for Applications ^F	
MATH 381	Discrete Mathematics ^H	
or COMP 283 Discrete Structures		
STOR 415	Introduction to Optimization ^H	
STOR 435	Introduction to Probability ^H	
or STOR 535 Probability for Data Science		
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.

¹ 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. ECON 493 does not count for 400-level credit.

² 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.

³ 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
First Year		
Fall Semester		
ECON 101	Introduction to Economics ^{H, F}	4
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
Hours		8
Spring Semester		
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
ECON 400	Introduction to Data Science and Econometrics ^H	4
Hours		8

Sophomore Year

Fall Semester

ECON 410	Intermediate Microeconomics ^H	4
MATH 233	Calculus of Functions of Several Variables ^{H, F}	4

Hours **8**

Spring Semester

ECON 420	Intermediate Macroeconomics ^H	3
ECON 470	Econometrics ^H	3

Hours **6**

Junior Year

Fall Semester

ECON —	Economics elective course ¹	3
ECON —	Economics elective course ¹	3

Hours **6**

Spring Semester

ECON —	Economics elective course ¹	3
Non-ECON elective course		3

Hours **6**

Senior Year

Fall Semester

ECON —	Economics electives course ¹	3
Non-ECON elective course		3

Hours **6**

Spring Semester

ECON —	Economics elective course ¹	3
--------	--	---

Hours **3**

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.

¹ The ECON elective courses must be at the 400-level and above, including two at the 500-level.

See the program page here (p. 306) for special opportunities.

Department Programs

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Undergraduate Student Services Manager

Kelly Finn
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Economics Minor

The minor in economics provides an understanding of activities and outcomes in market settings and beyond, uses economic models and concepts to study the impact of public policy and business activity, and teaches techniques in quantitative and data analysis that are the foundation of modern economic analysis.

This minor provides the opportunity to achieve one or more of the following objectives:

- Integrate knowledge and skills acquired through a non-Economics major.
- Acquire general education for intelligent citizenship with special emphasis on economic principles and the quantitative methods that economists use in applied analysis.
- Prepare for private employment, including finance, marketing, consulting, and data analytics.
- Prepare for government employment, with emphasis on methods to analyze the impacts of public policy.
- Prepare for graduate programs in economics, business administration, data analytics, international studies, law, health and hospital administration, city planning, public policy, and other 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. 711).

Code	Title	Hours
Gateway Course		
ECON 101	 Introduction to Economics ^{H, F}	4
Core Requirements		
Select at least two courses from the following list:		7-8
ECON 400	 Introduction to Data Science and Econometrics ^{1, H}	
ECON 410	 Intermediate Microeconomics ^{1, H}	
ECON 420	Intermediate Macroeconomics ^{1, H}	
Two additional ECON courses at the 400 level ²		6
Total Hours		17-18

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.

¹ Check course description for required prerequisites.

² ECON 493 may not be used in the minor. ECON 495 and ECON 496 may count in the minor, if taken for 3 credit hours.

Suggested Pathways

Microeconomics Plan




Code	Title	Hours
ECON 101	 Introduction to Economics ^{H, F}	4
ECON 400	 Introduction to Data Science and Econometrics ^{1, H}	4
ECON 410	 Intermediate Microeconomics ^{1, H}	4
Two 400-level ECON electives in Applied Microeconomics or Microeconomic Theory		6
Total Hours		18

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.

¹ Check course description for required prerequisites.

Macroeconomics Plan





Code	Title	Hours
ECON 101	 Introduction to Economics ^{H, F}	4
ECON 400	 Introduction to Data Science and Econometrics ^{1, H}	4
ECON 410	 Intermediate Microeconomics ^{1, H}	4
ECON 420	Intermediate Macroeconomics ^{1, H}	3
One 400-level ECON elective in Macroeconomics or Time Series Econometrics		3
Total Hours		18

^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.

¹ Check course description for required prerequisites.

Econometrics Plan

Code	Title	Hours
ECON 101	 Introduction to Economics ^{H, F}	4
ECON 400	 Introduction to Data Science and Econometrics ^{1, H}	4
ECON 410	 Intermediate Microeconomics ^{1, H}	4
or ECON 420	Intermediate Macroeconomics	
ECON 470	 Econometrics ^{1, H}	3
One 400-level ECON elective in Econometrics or Data Science		3
Total Hours		18

^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.

¹ Check course description for required prerequisites.

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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/apply/>)

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. 711).

The minor consists of five courses:

Code	Title	Hours
Gateway Course		
One principles of entrepreneurship course:		3
ECON 125	 Introduction to Entrepreneurship (with a grade of C or better) ^{1, H}	
ECON 57H	 First-Year Seminar: Constructing Your Own Venture (with a grade of C or better) ¹	
Core Requirements		
One principles of economics course:		3-4
ECON 101	 Introduction to Economics (with a grade of C or better) ^{H, F}	
ECON 111	 The Economics of Entrepreneurship and Innovation (with a grade of C or better) ¹	
The core course in entrepreneurship:		3
ECON 325	 Entrepreneurship: Principles, Concepts, Frameworks, and Fluency ^{1, H}	
One track course: ²		3
ECON 327	 Venture-Creation Workshop (sections in commercial, arts, science, sports, and media tracks.) ^{1, H}	
ENEC 473	 Business and Finance Fundamentals for Change Makers	
MEJO 592	 Workroom FashionMash Product Design	
PLCY 326	 Social Entrepreneurship ^H	
SPHG 428H	 Public Health Entrepreneurship	
SOCI 302	 Fieldwork in Entrepreneurship	
SOCI 427	 The Labor Force	
Capstone course:		
ECON 393	 Practicum in Entrepreneurship ^{1, H}	3
Additional Requirements		
Complete a 280-hour internship with a start-up or employer approved by the internship coordinator of the minor.		
Total Hours		15-16

^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.

¹ ECON 57H, ECON 111, ECON 125, ECON 325, ECON 327, and ECON 393 cannot be counted toward an economics major.

² 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

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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. 314)

Minors

- Comparative Literature Minor (p. 323)
- Creative Writing Minor (p. 324)
- English Minor (p. 326)
- Global Cinema Minor (p. 327)
- Latina/o Studies Minor (p. 329)
- Medicine, Literature, and Culture Minor (p. 330)
- Medieval and Early Modern Studies Minor (p. 447)
- Writing, Editing, and Digital Publishing Minor (<https://catalog.unc.edu/undergraduate/programs-study/writing-editing-digital-publishing-minor/>)

Graduate Programs

- Ph.D. in English and Comparative Literature (https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD_English)
- M.A. in English (<https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture (https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English)

Courses

- Comparative Literature (CMPL) (<https://catalog.unc.edu/courses/cmpl/>)
- English (ENGL) (<https://catalog.unc.edu/courses/engl/>)

Professors

Daniel Anderson, David J. Baker, A. Reid Barbour, Marsha Collins, María DeGuzmán, Florence Dore, Mary Floyd-Wilson, Stephanie Elizondo Griest, Philip Gura, Jordynn Jack, Heidi Kim, Laurie Langbauer, Jeanne Moskal,

Eliza Richards, Jane F. Thrailkill, Joseph S. Viscomi, Daniel Wallace, Jessica Wolfe.

Associate Professors

Inger S. Brodey, Gabrielle Calvocoressi, Pamela Cooper, Taylor Cowdery, Tyler Curtain, Stephanie DeGooyer, Candace Epps-Robertson, Rebecca 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

Shinjini Chattopadhyay, H.M. Cushman, Tyree Daye, Carlina Duan, Melissa Faliveno, Courtney Rivard, Sheera Talpaz, Daelena Tinnin-Gadson.

Teaching Professors

Elyse Crystall, Leslie Frost, Bradley Hammer, Hilary Lithgow, David Ross, Henry Veggian.

Teaching Associate Professors

Marc Cohen, Cynthia Current, Joseph Fletcher, Elizabeth Gualtieri-Reed, Michael Keenan Gutierrez, Søren Palmer, Wendy Weber, Kym Weed, Ross White.

Teaching Assistant Professors

Nicole Berland, Ben Bolling, Graham Culbertson, Sarah Ficke, Michael Gadaletto, Steven Gotzler, Kelli Holt, Sophia Klahr, Matthew O'Wain, Ruby Pappoe, Shane Peterson, Adam Price, Julia Ridley Smith, Hill Taylor, Joseph Telegen, Karen Tucker, Angela Velez.

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, Pamela Cooper, Jane M. Danielewicz, Alan C. Dessen, Eric Downing, Rosa Palmer Durban, Connie C. Eble, Kathleen Flanagan, Joseph M. Flora, Marianne Gingher, 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, Michael A. McFee, 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, Bland Simpson, 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.

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Director of Undergraduate Studies
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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. 711).

Core Curriculum

Code	Title	Hours
Core Requirements ¹		
Survey I (select one):		3
ENGL 120	 British Literature, Medieval to 18th Century ^H	
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 ^H	
CMPL 122	 Great Books I: Visual Arts and Literature from Antiquity to 1750 ^H	
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 ^H	
ENGL 117	 Arguing on the Internet: Rhetoric in the Age of Social Media	
ENGL 121	 British Literature, 19th and Early 20th Century ^{H, F}	
ENGL 122	 Introduction to American Literature ^H	
ENGL 124	 Contemporary Literature	
ENGL 129	 Literature and Cultural Diversity ^{H, F}	
CMPL 130	 Great Books II ^H	
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 ^H	
CMPL 142	 Visual Culture II	
Depth Course (select one):		3
ENGL 223	 Chaucer (British) ^H	
ENGL 225	 Shakespeare (British) ^H	

ENGL 230	 Milton (British) ^H	
ENGL 235	 Studies in Jane Austen (British)	
ENGL 241	 Studies in Oscar Wilde	
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) ^H	
CMPL 223	 Global Authors: Cervantes	
CMPL 225	 Global Authors: The Worlds of Shakespeare (British)	
CMPL 477	 Wicked Desire: Vladimir Nabokov, Lolita, on Page and Screen	
Concentration (seven courses), see requirements below ²		21

Additional Requirements

At least six (6) courses (out of 10) must be at or above the 200 level.³

Of these six (6), at least two (2) courses (out of 10) must be at the 300-level (Writing Intensive) in ENGL or CMPL.³

Of these six (6), at least one (1) course (out of 10) must be at the 400-level (Research Intensive) in ENGL or CMPL.³

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.

^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.







¹ The concentration in Film and Media Studies includes different core requirements. See the requirements for this concentration below.






² 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).

³ 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 ^H	
ENGL 224	 Survey of Medieval English Literature, excluding Chaucer ^H	
ENGL 225	 Shakespeare ^H	
ENGL 226	 Renaissance Drama ^H	
ENGL 227	 Literature of the Earlier Renaissance ^H	

ENGL 228	Literature of the Later Renaissance ^H	
ENGL 230	 Milton ^H	
ENGL 233	 Contemporary Approaches to 18th-Century Literature and Culture ^H	
ENGL 236	 18th-Century Fiction ^H	
ENGL 237	18th-Century Drama ^H	
ENGL 325	 Shakespeare and His Contemporaries ^H	
ENGL 327	 Renaissance Literature and Its Intellectual Contexts	
ENGL 330	 Perspectives on the Renaissance	
ENGL 331	 18th-Century Literature ^H	
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 ^H	
ENGL 367	 African American Literature to 1930 ^H	
ENGL 443	 American Literature before 1860–Contemporary Issues ^H	
ENGL 444	 American Literature, 1860-1900–Contemporary Issues ^H	
Multi-Ethnic and Diversity course (select one)		3
CMPL 254	 Horror and the Global Gothic: Film, Literature, Theory	
ENGL 129	 Literature and Cultural Diversity ^{H, F}	
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 ^H	
ENGL 240	Caribbean Literature	
ENGL 248	 Intersectionality: Race, Gender, Sexuality, and Social Justice	
ENGL 263	Literature and Gender ^H	
ENGL 264	 Healing in Ethnography and Literature	
ENGL 265	 Literature and Race, Literature and Ethnicity ^H	
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	
ENGL 359	 Latina Feminisms: Civil Rights, Ecofeminism, and Health Studies	
ENGL 360	 Contemporary Asian American Literature and Theory	
ENGL 361	 Asian American Women's Writing	
ENGL 363	 Feminist Literary Theory ^H	
ENGL 367	 African American Literature to 1930 ^H	
ENGL 368	African American Literature, 1930-1970 ^H	
ENGL 369	 African American Literature, 1970 to the Present ^H	
ENGL 370	 Race, Health, and Narrative ^H	
ENGL 371	 The Place of Asian Americans in Southern Literature ^H	
ENGL 377	 Introduction to the Celtic Cultures	
ENGL 382	 Literature and Media ^H	
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 ^H	
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 ¹		12
Total Hours		21

^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.

¹ 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: ¹		12
Courses in the department:		

ENGL 71	 First-Year Seminar: Healers and Patients ^H	
ENGL 163	 Introduction to Health Humanities	
ENGL 264	 Healing in Ethnography and Literature	
ENGL 266	 Science and Literature ^H	
ENGL 268	 Medicine, Literature, and Culture ^H	
ENGL 269	 Introduction to Disability Studies	
ENGL 300I	Professional Writing in Health and Medicine (Interdisciplinary)	
ENGL 303	 Scientific and Technical Communication	
ENGL 370	 Race, Health, and Narrative ^H	
ENGL 473	 The Changing Coasts of Carolina	
ENGL 489	Science, Medicine, and Cultural Studies--Contemporary Issues ^H	
ENGL 593	 Internship in Health Humanities	
ENGL 610	 Practicum in Health Humanities	
ENGL 611	 Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar	
ENGL 695	 Research Seminar (in Health Humanities)	
Courses outside the department (no more than two): ¹		
AAAD 300	 Cultures of Health and Healing in Africa	
ANTH 147	 Comparative Healing Systems	
ANTH 214	 Medicine in the Arab World	
ANTH 270	 Living Medicine	
ANTH 278	 Women in Science	
ANTH 319	 Global Health	
ANTH 390	Special Topics in Medical Anthropology	
ANTH 405	 Mental Health, Psychiatry, and Culture	
ANTH 442	Health and Gender after Socialism	
ANTH 448	 Health and Medicine in the American South	
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	
FREN 80	 First-Year Seminar: Déjà vu. Medicine and Narration across Time and Space	
FREN 305	 Healthcare in France and the Francophone World	
GEOG 222	Health and Medical Geography	
HIST 329	An Introduction to the History of Medicine ^H	
MEJO 469	Health Communication and Marketing	
MEJO 560	Environmental and Science Journalism ^H	
PHIL 150	 Theory, Evidence, and Understanding in Science ^H	
PHIL 165	 Bioethics ^H	
PLCY 361	Health Policy in the United States	
PLCY 661	Global Health Law & Policy	

PLCY 662	Global Health and Human Rights	
RELI 220	Religion and Medicine ^H	
RELI 665	Body and Suffering in Christian Mysticism	
SOCI 422	Sociology of Mental Health and Illness	
SOCI 431	Aging	
SOCI 469	Health and Society	
WGST 330	Women's Health Activism in Twentieth Century America	
Select three (3) additional courses from ENGL and/or CMPL ²		9
Total Hours		21

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ No more than two (2) courses outside the department.

² 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: ¹		12
Courses in the department:		
CMPL 180	Race and Ethnicity in Hollywood Productions and Beyond	
CMPL 258	Iranian Prison Literature	
CMPL 261	India and Orientalism	
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 ^{H, F}	
ENGL 140	Introduction to Gay and Lesbian Culture and Literature	
ENGL 158	Postcolonial Literature ^H	
ENGL 164	Introduction to Latina/o Studies ^H	
ENGL 240	Caribbean Literature	
ENGL 248	Intersectionality: Race, Gender, Sexuality, and Social Justice	
ENGL 263	Literature and Gender ^H	
ENGL 265	Literature and Race, Literature and Ethnicity ^H	
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	
ENGL 359	Latina Feminisms: Civil Rights, Ecofeminism, and Health Studies	
ENGL 360	Contemporary Asian American Literature and Theory	
ENGL 361	Asian American Women's Writing	
ENGL 363	Feminist Literary Theory ^H	
ENGL 367	African American Literature to 1930 ^H	
ENGL 368	African American Literature, 1930-1970 ^H	
ENGL 369	African American Literature, 1970 to the Present ^H	
ENGL 370	Race, Health, and Narrative ^H	
ENGL 371	The Place of Asian Americans in Southern Literature ^H	
ENGL 385	Literature and Law	
ENGL 386	Gender, Sexuality, and the South Asian Diaspora	
ENGL 403	Rhetoric in the Museum ^H	
ENGL 472	African American Literature—Contemporary Issues ^H	
ENGL 488	Critical Security Studies	
ENGL 659	War in 20th-Century Literature ^H	
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): ¹		
PLCY/AAAD 354	The Lived Experience of Inequality and Public Policy	
Select three (3) additional courses in ENGL and/or CMPL ²		9
Total Hours		21

^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.

¹ No more than two (2) courses outside the department.

² 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: ¹		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 312	 Oral Presentations in the Professional World ^H	
ENGL 317	 Writing and Social Networks	
ENGL 318	 Multimedia Composition ^H	
ENGL 411	 Composing for Clients: Technical Communication Practicum	
Select four (4) courses from the following lists: ²		12
Courses in the department (as many as four):		
CMPL 250	 Approaches to Comparative Literature ^H	
CMPL 251	 Introduction to Literary Theory	
ENGL 113	 Introduction to Critical Game Studies	
ENGL 114	 The Rhetoric of Data	
ENGL 115	 History of the English Language	
ENGL 117	 Arguing on the Internet: Rhetoric in the Age of Social Media	
ENGL 118	 Storytelling and Game Development	
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 ^H	
ENGL 149	 Digital Composition	
ENGL 150	 Introductory Seminar in Literary Studies	
ENGL 205	 Word, Sound, Image: Multimedia Communication	
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. ^H	
ENGL 257	 Video Games and Narrative Cinema	
ENGL 258	 Games and Literature	
ENGL 283	 Life Writing ^H	
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 312	 Oral Presentations in the Professional World ^H	
ENGL 317	 Writing and Social Networks	
ENGL 318	 Multimedia Composition ^H	
ENGL 324	 Creating the Video Essay	
ENGL 341	 Tabletop Games: Narrative, History, and Design	
ENGL 378	 Film Criticism	
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 in the Museum ^H	
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 ^H	
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 ^H	
DRAM 231	Playwriting I	
HIST/FOLK 670	Introduction to Oral History	
MEJO 153	Writing and Reporting	
WGST 695	Senior Seminar: Principles of Feminist Inquiry ^H	
Select two (2) additional courses in ENGL and/or CMPL ³		6
Total Hours		21

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ 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.

² No more than two (2) courses may be taken outside the department.

³ 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.

Code	Title	Hours
Select five (5) courses from one of the following options:		15

Combination of Genres¹

Any course from any track below and/or from the following list of courses:

ENGL 259	Improviseational Comedy Games for Writers
ENGL 307	Studies in Fiction and Poetry: Stylistics
ENGL 351	From Manuscript to Press: Writer as Publisher
ENGL 396	Directed Readings in English or Creative Writing
ENGL 412	Sketch Comedy Writing
ENGL 490	Creative Writing: Special Topics
COMM 330	Introduction to Writing for Film and Television
COMM 433	Intermediate Screenwriting
MEJO 356	Feature Writing

Fiction Track

ENGL 130	Introduction to Fiction Writing
or ENGL 132	First-Year Honors: Introduction to Fiction Writing
ENGL 206	Intermediate Fiction Writing
or ENGL 307	Studies in Fiction and Poetry: Stylistics
ENGL 210	Writing Young Adult Literature
ENGL 211	Writing Political Fiction
ENGL 212	Writing Crime and Mystery Fiction

ENGL 214 Writing Flash Fiction

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 133H First-Year Honors: Introduction to Poetry Writing

ENGL 207 Intermediate Poetry Writing
or ENGL 307 Studies in Fiction and Poetry: Stylistics

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 Track¹

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 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 Track

ENGL 138 Introduction to Creative Nonfiction^H
or ENGL 138 Introduction to Creative Nonfiction
or ENGL 283 Life Writing

ENGL 203 Memoir Writing

ENGL 204 Travel Writing

ENGL 208 Reading and Writing Creative Nonfiction

ENGL 404 Advanced Creative Nonfiction

ENGL 693H & ENGL 694H Creative Writing Senior Honors Thesis, Part I and Creative Writing Senior Honors Thesis, Part II

Select two (2) additional courses in ENGL and/or CMPL² 6

Total Hours 21

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ No more than two (2) courses can be taken outside the Department of English and Comparative Literature.

² 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 or CMPL 251	Approaches to Comparative Literature ^H Introduction to Literary Theory	3
CMPL 495	The Art of Research	3
Select one (1) to three (3) international literature courses taught in any foreign language department (200-level or higher) ^{1,2}		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
Total Hours		21

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ Foreign language departments include Asian Studies, Classics, Germanic and Slavic Languages, Romance Studies.

² 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
Core Requirements		
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 ^H	
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	Beyond
ENGL 378	Film Criticism	
ENGL 380	Topics In Film History ^H	
ENGL 381	Literature and Cinema ^H	
ENGL 681	Topics in Contemporary Film and Media ^H	
Depth course (select one):		3
CMPL 212	The Cinematic City	
CMPL 225	Global Authors: The Worlds of Shakespeare	
CMPL 254	Horror and the Global Gothic: Film, Literature, Theory	
CMPL 262	Film and Politics	
CMPL 271	Women, Gender and Sexuality in German Cinema	
CMPL 280	Film Genres	
CMPL/ASIA 379	Cowboys, Samurai, and Rebels in Film and Fiction ^H	
CMPL 420	Film, Photography, and the Digital Image	
CMPL 463	Cinema and Surrealism	
CMPL 494	The Essay Film: Adventures in Modern Cinema since 1945	
ENGL 251	Film Performance and Stardom	
ENGL 260	Film Sound and the Art of Listening	
ENGL 287	Black Horror and the Moving Image	
ENGL 389	Major Film Directors	
ENGL 410	Documentary Film ^H	
ENGL 494	Research Methods in Film Studies	
ENGL 681	Topics in Contemporary Film and Media ^H	
Methods/Critical Approach course (select one):		3
CMPL 240 or ENGL 680	Introduction to Film Theory Film Theory	
Foundational course (select one):		3
ENGL 142	Film Analysis ^H	
Select two (2) additional ENGL and/or CMPL courses ¹		6
Film elective courses (select three):		9
AAAD 250	The African American in Motion Pictures: 1900 to the Present	
AMST 268	American Cinema and American Culture	
AMST 336	Native Americans in Film	
AMST 365	Women and Detective Fiction	
AMST 371	LGBTQ Film and Fiction from 1950 to the Present	
AMST 483	Seeing the USA: The Film Director as Public Intellectual	
ARAB 453	Film, Nation, and Identity in the Arab World	
ASIA 124	Iranian Post-1979 Cinema	
ASIA 231	Bollywood Cinema	
ASIA 235	Israeli Cinema: Gender, Nation, and Ethnicity ^H	

ASIA 262	Nation, Film, and Novel in Modern India	
ASIA 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	
ASIA 435	The Cinemas of the Middle East and North Africa	
ASIA/CMPL 379	Cowboys, Samurai, and Rebels in Film and Fiction ^H	
CHIN 244	Introduction to Modern Chinese Culture through Cinema	
CHIN 346	History as Fiction or Fiction as History? Early Chinese History in Film and Literature	
CHIN 464	The City in Modern Chinese Literature and Film	
CMPL 144	Engaging Film and Media	
CMPL 180	Race and Ethnicity in Hollywood Productions and Beyond	
CMPL 212	The Cinematic City	
CMPL 220	Global Authors: Jane Austen ^H	
CMPL 223	Global Authors: Cervantes	
CMPL 225	Global Authors: The Worlds of Shakespeare	
CMPL 227	Global Authors: The Middle Ages in World Cinema	
CMPL 254	Horror and the Global Gothic: Film, Literature, Theory	
CMPL 255	The Feast in Film, Fiction, and Philosophy ^H	
CMPL 262	Film and Politics	
CMPL 266	Weimar Cinema	
CMPL 271	Women, Gender and Sexuality in German Cinema	
CMPL 280	Film Genres	
CMPL/GSLL 281	Holocaust Cinema in Eastern Europe	
CMPL/RUSS 282	Russian Literature in World Cinema	
CMPL 375	New Wave Cinema: Its Sources and Its Legacies	
CMPL 382	Film and Nature	
CMPL 420	Film, Photography, and the Digital Image	
CMPL 452	The Middle Ages	
CMPL 463	Cinema and Surrealism	
CMPL 467	Contemporary German and Austrian Cinema	
CMPL 494	The Essay Film: Adventures in Modern Cinema since 1945	
CMPL 452	The Middle Ages	
CMPL 520	Cinema, Painting, and The Frame	
COMM 130	Introduction to Media Production	
COMM/DRAM 131	Writing for the Screen and Stage	
COMM 230	Audio/Video/Film Production and Writing	
COMM 330	Introduction to Writing for Film and Television	
COMM 331	Writing the Short Film	
COMM 335	Film Story Analysis	
COMM 337	Visual Storytelling for Screenwriters	
COMM/WGST 345	Gender and Film	
COMM 412	Critical Theory	
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	
ENGL 143	Film and Culture	
ENGL 251	Film Performance and Stardom	
ENGL 252	National and Transnational Cinemas	
ENGL 256	Crafting the Dramatic Film: Theory Meets Practice ^H	
ENGL 257	Video Games and Narrative Cinema	
ENGL 323	American Cinema of the 1970s: New Hollywood	Beyond
ENGL 324	Creating the Video Essay	
ENGL 378	Film Criticism	
ENGL 380	Topics In Film History ^H	
ENGL 382	Literature and Media ^H	
ENGL 399	Cinema and the Museum	
ENGL 410	Documentary Film ^H	
ENGL 494	Research Methods in Film Studies	
ENGL 681	Topics in Contemporary Film and Media ^H	
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, Gender and Sexuality 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	

GERM 579	 What is a Medium? German Media Theory from Aesthetics to Cultural Techniques
GSLI 283	Hungarian Cinema since World War II
HIST 124	 United States History through Film
HIST 302	 Movies Make History: Films as Primary Sources in Europe and America ^H
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**

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ 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. 324)."

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. 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. 314)

Minors

- Comparative Literature Minor (p. 323)
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- English Minor (p. 326)
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- Latina/o Studies Minor (p. 329)
- Medicine, Literature, and Culture Minor (p. 330)
- Medieval and Early Modern Studies Minor (p. 447)
- Writing, Editing, and Digital Publishing Minor (<https://catalog.unc.edu/undergraduate/programs-study/writing-editing-digital-publishing-minor/>)

Graduate Programs

- Ph.D. in English and Comparative Literature (https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD_English)
- M.A. in English (<https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture (https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English)

Courses

- Comparative Literature (CMPL) (<https://catalog.unc.edu/courses/cmpl/>)
- English (ENGL) (<https://catalog.unc.edu/courses/engl/>)

Contact Information

Department of English and Comparative Literature

Visit Program Website (<http://englishcomplit.unc.edu>)
Greenlaw Hall, CB# 3520
(919) 962-5481

Chair

Marsha Collins

ECL Undergraduate Advisor

Hilary Lithgow
lithgow@email.unc.edu

Director of Undergraduate Studies

Joseph Fletcher

jafletch@email.unc.edu

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. 711).

Code	Title	Hours
Core Requirements		
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 ^H	
CMPL 122	 Great Books I: Visual Arts and Literature from Antiquity to 1750 ^H	
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 ^H	
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 ^H	
CMPL 142	 Visual Culture II	
Three additional courses numbered between CMPL 200 and CMPL 699		9
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.

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.).

See the program page here (p. 322) for special opportunities.

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Minors

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- M.A. in English (<https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture (https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English)

Courses

- Comparative Literature (CMPL) (<https://catalog.unc.edu/courses/cmpl/>)
- English (ENGL) (<https://catalog.unc.edu/courses/engl/>)

Contact Information

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Chair

Marsha Collins

ECL Undergraduate Advisor

Hilary Lithgow

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Director of Undergraduate Studies

Joseph Fletcher

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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. 711).

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.

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: ¹		15
ENGL 259	Improviseational Comedy Games for Writers	
ENGL 307	Studies in Fiction and Poetry: Stylistics	
ENGL 351	From Manuscript to Press: Writer as Publisher	
ENGL 396	Directed Readings in English or Creative Writing (with approval based on topic)	
ENGL 412	Sketch Comedy Writing	
ENGL 490	Creative Writing: Special Topics	
COMM 330	Introduction to Writing for Film and Television	
COMM 433	Intermediate Screenwriting	
MEJO 356	Feature Writing	
Total Hours		15

Fiction Track:



Code	Title	Hours
Select five (5) courses:		15
ENGL 130	Introduction to Fiction Writing	
or ENGL 132	First-Year Honors: Introduction to Fiction Writing	
ENGL 206	Intermediate Fiction Writing	
ENGL 210	Writing Young Adult Literature	
ENGL 211	Writing Political Fiction	
ENGL 212	Writing Crime and Mystery Fiction	
ENGL 214	Writing Flash Fiction	
ENGL 307	Studies in Fiction and Poetry: Stylistics (with approval based on topic)	
ENGL 406	Advanced Fiction Writing	
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)	
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: ¹		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 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	
Total Hours		15

Creative Nonfiction Writing Track:

Code	Title	Hours
Select five (5) courses:		15
ENGL 138	 Introduction to Creative Nonfiction ^H	
	or ENGL 283  Life Writing	
ENGL 203	 Memoir Writing	
ENGL 204	 Travel Writing	
ENGL 208	 Reading and Writing Creative Nonfiction	
ENGL 404	 Advanced Creative Nonfiction	
ENGL 693H	 Creative Writing Senior Honors Thesis, Part I	
ENGL 694H	 Creative Writing Senior Honors Thesis, Part II	
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.

¹ 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, ENGL 138, ENGL 138H, and ENGL 283, 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 upper level courses in the fiction, poetry, and nonfiction sequences is 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' applications be denied, they may choose to finish the minor as a combination of genres with other classes offered in creative writing. Creative writing minors receive priority in all creative writing classes and usually fill all seats.

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.

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 (<https://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunities>) for additional special opportunities.

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- M.A. in English (<https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture (https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English)

Courses

- Comparative Literature (CMPL) (<https://catalog.unc.edu/courses/cmpl/>)
- English (ENGL) (<https://catalog.unc.edu/courses/engl/>)

Contact Information

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Chair
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jafletch@email.unc.edu

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. 711).

The English minor consists of five courses:

Code	Title	Hours
Core Requirements		
ENGL 120	 British Literature, Medieval to 18th Century ^H	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. ¹		9
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.

¹ Excluding ENGL 100, ENGL 105, ENGL 105I, ENGL 110, and ENGL 191.

English (ENGL) course descriptions (p.).

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 ^{H, F}	3
ENGL 122	 Introduction to American Literature ^H	3
ENGL 124	 Contemporary Literature	3
ENGL 129	 Literature and Cultural Diversity ^{H, F}	3
CMPL 130	 Great Books II ^H	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 ^H	3
CMPL 142	 Visual Culture 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.

^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.

See the program page here (<https://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunities>) for special opportunities.

Department Programs

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Graduate Programs

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- M.A. in English (<https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture (https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English)

Courses

- Comparative Literature (CMPL) (<https://catalog.unc.edu/courses/cmpl/>)
- English (ENGL) (<https://catalog.unc.edu/courses/engl/>)

Contact Information

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Chair

Marsha Collins

ECL Undergraduate Advisor

Hilary Lithgow
lithgow@email.unc.edu

Director of Undergraduate Studies

Joseph Fletcher
jafletch@email.unc.edu

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. 711).

The interdisciplinary minor consists of five courses:

Code	Title	Hours
Core Requirements		
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
Total Hours		15

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 ^H	3
ASIA 435	 The Cinemas of the Middle East and North Africa	3
ASIA/CMPL 255	 The Feast in Film, Fiction, and Philosophy ^H	3
ASIA/CMPL 379	 Cowboys, Samurai, and Rebels in Film and Fiction ^H	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 150	 Critical Theory: Fear, Love, Laughter, and Loss - Film Genres and Spectatorship	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 ^H	3	ENGL 680	Film Theory	3
CMPL 262	Film and Politics	3	ENGL 681	Topics in Contemporary Film and Media ^H	3
CMPL 280	Film Genres	3	FREN 386/ CMPL 387	French New Wave Cinema	3
CMPL/GSLL 281	Holocaust Cinema in Eastern Europe	3	FREN/CMPL 388	History of French Cinema I: 1895-1950	3
CMPL 282	Russian Literature in World Cinema	3	FREN/CMPL 389	History of French Cinema II: 1950 to the Present	3
CMPL 375	New Wave Cinema: Its Sources and Its Legacies	3	GERM 265	Hitler in Hollywood: Cinematic Representations of Nazi Germany	3
CMPL 382	Film and Nature	3	GERM/CMPL 266	Weimar Cinema	3
CMPL 420	Film, Photography, and the Digital Image	3	GERM/CMPL/ WGST 271	Women, Gender and Sexuality in German Cinema	3
CMPL 463	Cinema and Surrealism	3	GERM 272	History of German Cinema	3
CMPL 494	The Essay Film: Adventures in Modern Cinema since 1945	3	GERM/PWAD 283	Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3
CMPL 520	Cinema, Painting, and The Frame	3	GERM/CMPL 467	Contemporary German and Austrian Cinema	3
COMM 230	Audio/Video/Film Production and Writing	3	GSLL 283	Hungarian Cinema since World War II	3
COMM/WGST 345	Gender and Film	3	HIST 302	Movies Make History: Films as Primary Sources in Europe and America ^H	3
COMM 412	Critical Theory	3	ITAL 333	Italian Film and Culture	3
COMM 431	Advanced Audio Production	3	ITAL 335	Themes in Italian Film	3
COMM 534	Aesthetic and Technical Considerations in Making Short Videos	3	ITAL 340	Italian America	3
COMM 635	Documentary Production	3	PORT 388	Portuguese, Brazilian, and African Identity in Film	3
COMM 647	Advanced Projects in Media Production	3	SPAN 361	Hispanic Film	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			
ENGL 143	Film and Culture	3			
ENGL 244	Queer Cinema	3			
ENGL 251	Film Performance and Stardom	3			
ENGL 252	National and Transnational Cinemas	3			
ENGL 253	Space and Place in Literature/Film ^H	3			
ENGL 255	Introduction to Media Studies	3			
ENGL 257	Video Games and Narrative Cinema	3			
ENGL 260	Film Sound and the Art of Listening	3			
ENGL 287	Black Horror and the Moving Image	3			
ENGL 323	American Cinema of the 1970s: New Hollywood	3			
ENGL 324	Creating the Video Essay	3			
ENGL 378	Film Criticism	3			
ENGL 380	Topics In Film History ^H	3			
ENGL 381	Literature and Cinema	3			
ENGL 389	Major Film Directors	3			
ENGL 399	Cinema and the Museum	3			
ENGL 410	Documentary Film ^H	3			
ENGL 494	Research Methods in Film 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.

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- M.A. in English (<https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in

Literature, Medicine, and Culture (https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English)

Courses

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Contact Information

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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. 711).

Requirements for the five-course minor in Latina/o studies are as follows:

Code	Title	Hours
Core Requirements		
	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
Total Hours		15

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 ^H	3
ENGL 265	 Literature and Race, Literature and Ethnicity ^{1, H}	3
ENGL 267	 Growing Up Latina/o	3
ENGL 359	 Latina Feminisms: Civil Rights, Ecofeminism, and Health Studies	3
ENGL 394	 Misbehaving Bodies: Dis/ease, Dis/order, & Dys/topia in Latinx Fiction and Film	3
ENGL 464	 Latinx Hybrid Narrative: Experimental Fiction and Film	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 687	 Queer LatinX Environmentalisms	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 ^H	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

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ With approval based on topic.

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
ENGL 687	 Queer LatinX Environmentalisms	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 (<https://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunities>) for special opportunities.

Department Programs

Majors

- English and Comparative Literature Major, B.A. (p. 314)

Minors

- Comparative Literature Minor (p. 323)
- Creative Writing Minor (p. 324)
- English Minor (p. 326)
- Global Cinema Minor (p. 327)
- Latina/o Studies Minor (p. 329)
- Medicine, Literature, and Culture Minor (p. 330)
- Medieval and Early Modern Studies Minor (p. 447)

- Writing, Editing, and Digital Publishing Minor (<https://catalog.unc.edu/undergraduate/programs-study/writing-editing-digital-publishing-minor/>)

Graduate Programs

- Ph.D. in English and Comparative Literature (https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD_English)
- M.A. in English (<https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture (https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English)

Courses

- Comparative Literature (CMPL) (<https://catalog.unc.edu/courses/cmpl/>)
- English (ENGL) (<https://catalog.unc.edu/courses/engl/>)

Contact Information

Department of English and Comparative Literature

Visit Program Website (<http://englishcomplit.unc.edu>)
Greenlaw Hall, CB# 3520
(919) 962-5481

Program Director

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Chair

Marsha Collins

ECL Undergraduate Advisor

Hilary Lithgow
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Director of Undergraduate Studies

Joseph Fletcher
jafletch@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. 711).

Code	Title	Hours
Core Requirements		
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 272/ ENGL 264	 Healing in Ethnography and Literature	3
ANTH 319	 Global Health	3
ANTH 442/ WGST 440	Health and Gender after Socialism	3
ANTH/WGST 443	 Cultures and Politics of Reproduction	3
ANTH 444	Medicine, Politics, and Justice	3
ANTH 448	 Health and Medicine in the American South	3
ANTH/FOLK 470	Medicine and Anthropology	3
ANTH/FOLK 473	Anthropology of the Body and the Subject	3
ANTH 474	The Anthropology of Disability	3
CMPL 383	Literature and Medicine ^H	3
ENGL 163	 Introduction to Health Humanities	3
ENGL 264	 Healing in Ethnography and Literature	3
ENGL 266	 Science and Literature ^H	3
ENGL 269	 Introduction to Disability Studies	3
ENGL 370	 Race, Health, and Narrative ^H	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
GLBL 483	 Comparative Health Systems ^H	3
HIST 329	An Introduction to the History of Medicine ^H	3
HNRS 337	Narrative and Medicine	3
HNRS 362	NHS Scotland - Policies, Problems, and Innovative Solutions	3
HNRS 650	Topics in Medicine and the Humanities	1-6
MEJO 560	Environmental and Science Journalism ^H	3
PHIL 165	 Bioethics ^H	3

PLCY 361	Health Policy in the United States	3
PLCY/HPM 565	Global Health Law & Policy	3
PLCY 570/ HPM 571	Global Health and Human Rights	3
RELI 220	 Religion and Medicine ^H	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	3
SOCI 180	 Introduction to Global Population Health	3
SOCI 422	 Sociology of Mental Health and Illness	3
SOCI 431	Aging	3
SOCI 469	Health and Society	3
WGST 330	 Women's Health Activism in Twentieth Century America	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 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. 322) for special opportunities.

Department Programs

Majors

- English and Comparative Literature Major, B.A. (p. 314)

Minors

- Comparative Literature Minor (p. 323)
- Creative Writing Minor (p. 324)
- English Minor (p. 326)
- Global Cinema Minor (p. 327)
- Latina/o Studies Minor (p. 329)
- Medicine, Literature, and Culture Minor (p. 330)
- Medieval and Early Modern Studies Minor (p. 447)
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Graduate Programs

- Ph.D. in English and Comparative Literature (https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD_English)
- M.A. in English (<https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture (https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English)

Courses

- Comparative Literature (CMPL) (<https://catalog.unc.edu/courses/cmpl/>)
- English (ENGL) (<https://catalog.unc.edu/courses/engl/>)

Contact Information

Department of English and Comparative Literature

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

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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; energy management; 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, energy project manager, 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. 333)
- Environmental Science Major, B.S. (p. 341)
- Dual Bachelor's-Master's Degree Programs (p. 340)

Minors

- Environmental Science and Studies Minor (p. 349)
- Food Studies Minor (p. 350)
- Sustainability Studies Minor (p. 352)

Graduate Programs

- Doctor of Philosophy (<https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Science (<https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Arts (<https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)

Courses

- Environment, Ecology, and Energy (ENEC) (<https://catalog.unc.edu/courses/enec/>)

Affiliated Professors

Carol Arnosti (Earth, Marine, and Environmental Sciences), Todd Bendor (City and Regional Planning), John Bruno (Biology), Jaye Cable (Earth, Marine, and Environmental Sciences), Karl Castillo (Earth, Marine, and Environmental Sciences), Michael Emch (Geography and Environment), Barbara Entwisle (Sociology), Joel Fodrie (Earth, Marine, and Environmental Sciences), Clark Gray (Geography and Environment), Elizabeth Havice (Geography and Environment), Donald Homstein (School of Law), Allen Hurlbert (Biology), Chip Konrad (Geography and Environment), Paul Leslie (Anthropology), Adrian Marchetti (Earth, Marine, and Environmental Sciences), Christopher Martens (Earth, Marine, and Environmental Sciences), Charles Mitchell (Biology), Laura J. Moore (Earth, Marine, and Environmental Sciences), Rachel Noble ((Earth, Marine and Environmental Sciences)), Hans Paerl (Earth, Marine and Environmental Sciences), Tamlin Pavelsky (Earth, Marine, and Environmental Sciences), David Pfennig (Biology), Karin Pfennig (Biology), Michael Piehler (Earth, Marine and Environmental Sciences), Diego Riveros-Iregui (Geography and Environment), Harvety Seim (Earth, Marine and Environmental Sciences), Maria Servedio (Biology), Conghe Song (Geography and Environment), Donna Surge (Earth,

Marine and Environmental Sciences), Andreas Teske (Earth, Marine and Environmental Sciences), Gabriela Valdivia (Geography and Environment), Colin West (Anthropology), Erika Wise (Geography and Environment), Andrew Yates (Economics).

Affiliated Associate Professors

Mark Alperin (Earth, Marine and Environmental Sciences), Angel Hsu (Public Policy), Sophie McCoy (Biology), Aaron Moody (Geography and Environment), Janet Nye (Earth, Marine, and Environmental Sciences), Johanna Rosman (Earth, Marine and Environmental Sciences), Alecia Septer (Earth, Marine and Environmental Sciences).

Affiliated Assistant Professors

Benjamin Bridges (American Studies), Amanda DelVecchia (Geography and Environment), Miyuki Hino (City and Regional Planning), Noah Kittner (Environmental Sciences and Engineering), Caela O'Connell (Anthropology), Antonia Sebastian (Earth, Marine, and Environmental Sciences), Paul Tallie (Geography and Environment).

Research Faculty

Dick Bilsborrow (Biostatistics), Jim Costa (Western Carolina University), Elizabeth Dickinson (Kenan–Flagler Business School), Lindsay Dubbs (Coastal Studies Institute), Rich Kamens (Environmental Sciences and Engineering), Andy Keeler (East Carolina University), David McNelis (Institute for the Environment), Robert Peet (Emeritus, Biology), Rada Petric (Highlands Biological Station), Johnny Randall (N.C. Botanical Gardens), Elizabeth Shay (Appalachian State University), Alan Weakley (NC Botanical Garden), Jason West (Environmental Sciences and Engineering), Peter White (Emeritus, Biology).

Teaching Professors

Geoffrey Bell, Amy Cooke, Greg Gangi.

Teaching Assistant Professors

Todd DeZwaan, David Hatcher, Léda Gerber Van Doren.

Lecturer

Brian Naess (Institute for the Environment).

Contact Information

Environment, Ecology, and Energy Program
Visit Program Website (<https://e3p.unc.edu/>)
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Chair
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Alecia Septer

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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) 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. 711).

The environmental studies program provides two options:

- Environmental Studies Major, B.A. (p. 333) (with several concentration areas)
- Environmental Studies Major, B.A.–Sustainability Track (p. 336)

Environmental Studies Major, B.A.

Code	Title	Hours
Core Requirements		
ENEC 201	 Introduction to Environment and Society ^{H, F}	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 104	 Biodiversity ^{H, F}	

or BIOL 103	How Cells Function	
EMES 401/ BIOL 350/ ENVR 417	Oceanography	
ENEC 222	Estuarine and Coastal Marine Science ¹	
ENEC 489	Ecological Processes in Environmental Systems ¹	
ENEC/EMES 448	Coastal and Estuarine Ecology ¹	
ENEC 324 & 324L	Water in Our World: Introduction to Hydrologic Science and Environmental Problems and Water in Our World Laboratory ¹	
GEOG 412	Synoptic Meteorology	
ENVR 413	Limnology	
Two courses from one of the following skills categories: GIS:		6
ANTH 419	Anthropological Application of GIS	
ENEC 340	Environmental Applications of Drones ¹	
ENEC 479	Landscape Analysis ¹	
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 & Analytics:		
STOR 155	Introduction to Data Models and Inference ^{H, F}	
or BIOS 600	Principles of Statistical Inference	
ECON 400	Introduction to Data Science and Econometrics ^H	
ENEC 492	Social Science Research Methods	
ENEC 562	Statistics for Environmental Scientists	
ENEC/ENVR 570	Uncertainty, Decisions, and the Environment	
PLCY 460	Quantitative Analysis for Public Policy ^H	
Five courses chosen from one of the concentrations list below		15-20
Additional Requirements		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory ^{H, F}	4
ECON 101	Introduction to Economics ^{H, F}	4
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
Select one of the following options: ³		8
	CHEM 101/101L and CHEM 102/102L	

PHYS 114 & PHYS 115	General Physics I: For Students of the Life Sciences and General Physics II: For Students of the Life Sciences ^F	
PHYS 118 & PHYS 119	Introductory Calculus-based Mechanics and Relativity and Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	
Enough General Education and free electives to accumulate at least 120 credit hours. ²		
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.

¹ 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.

² Recommended courses are ECON 400 and one of the following PH courses: COMM 375/ENEC 375, ENEC 325, or ENEC 368/PHIL 368.

³ Courses to be taken in a series; e.g., CHEM 101+L and CHEM 102+L.

Agriculture and Health Concentration







Code	Title	Hours
ANTH/ENEC 238	Human Ecology of Africa	3
ANTH 252	Archaeology of Food	3
ANTH 306	Water and Inequality: Anthropological Perspectives	3
ANTH 319	Global Health	3
ENEC/EMES 324	Water in Our World: Introduction to Hydrologic Science and Environmental Problems ¹	3
ENEC/EMES 324L	Water in Our World Laboratory	1
ENEC 325	Water Resource Management for Food, Energy, and Health ^H	3-4
ENEC 340	Environmental Applications of Drones ¹	3
ENEC 370	Agriculture and the Environment ^H	3
ENEC 395	Research in Environmental Sciences and Studies for Undergraduates	3
or ENEC 396	Directed Readings	
ENEC/ENVR 522	Environmental Change and Human Health	3
ENEC 693H	Honors Research in Environmental Sciences and Studies ¹	3
or ENEC 694H	Honors Project in Environmental Sciences and Studies	
GEOG 334	Human Ecology of Health and Disease	3
GEOG 457	Rural Latin America: Agriculture, Environment, and Natural Resources ^H	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 ^H	3
PLCY 485	Poverty, Health, and Human Development in Low Income Countries	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.

¹ 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/ENEC 238	 Human Ecology of Africa	3
ANTH 318	 Human Growth and Development	3
ANTH 439	 Political Ecology	3
ANTH/ENEC 460	Historical Ecology	3
BIOL 260	Introduction to Ecology	3
BIOL/ENEC 272	Local Flora	3
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 Biology	3
BIOL 465	 Global Biodiversity and Macroecology	3
BIOL 469	Behavioral Ecology	3
BIOL 561	Ecological Plant Geography	3
BIOL 564	Population Ecology	3
BIOL 565	Conservation Biology ^H	3
BIOL 567	Evolutionary Ecology	3
BIOL/ENEC 562	Statistics for Environmental Scientists	4
ENEC 222	Estuarine and Coastal Marine Science ¹	4
ENEC/POLI 254	International Environmental Politics	3
ENEC 259	Coral Reef Ecology and Management	3
ENEC/GEOG 264	Conservation of Biodiversity in Theory and Practice	3
ENEC 304	Restoration Ecology	4
ENEC/EMES 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems ¹	3
ENEC/EMES 352	Marine Fisheries Ecology	3
ENEC/BIOL 256	Mountain Biodiversity	4
ENEC 370	Agriculture and the Environment ^H	3
ENEC/PLCY 372	Global Environment: Policy Analysis and Solutions	3
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 ¹	3




ENEC 489	Ecological Processes in Environmental Systems ¹	4
ENEC 491	Effective Environmental Communication	3
ENEC 693H	 Honors Research in Environmental Sciences and Studies ¹	3
or ENEC 694H	 Honors Project in Environmental Sciences and Studies	
ENEC/EMES 441	Marine Physiological Ecology	3
ENEC/EMES 444	Marine Phytoplankton	3
ENEC/EMES 448	Coastal and Estuarine Ecology ¹	4
ENEC/EMES 450	Biogeochemical Processes	4
ENEC/EMES 471	Human Impacts on Estuarine Ecosystems	4
ENEC/PLAN 641	Watershed Planning	3
GEOG 237	Natural Resources	3
GEOG 334	Human Ecology of Health and Disease	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.

¹ 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 553	Mathematical and Computational Models in Biology	3
BUSI 507	Sustainable Business and Social Enterprise ^H	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 307	Energy and Material Flows in the Environment and Society	3
ENEC 309	Environmental Values and Valuation	3
ENEC 312	Risk-Based International Environmental Decisions	3
ENEC 325	 Water Resource Management for Food, Energy, and Health ^H	3-4
ENEC 350	 Environmental Law and Policy	3
ENEC 351	Coastal Law and Policy	3
ENEC 352	Marine Fisheries Ecology	3
ENEC/PLCY 372	Global Environment: Policy Analysis and Solutions	3
ENEC/PLCY 373	Confronting Climate Change in the Anthropocene	3.0
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 266	Contemporary Africa: Issues in Health, Population, and the Environment	3
ENEC 432	Environmental Life Cycle Assessment	3	ENEC/EMES 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
ENEC 462	Ecosystem Management	3	ENEC 325	 Water Resource Management for Food, Energy, and Health ^H	3-4
ENEC/BUSI 463	 Corporate Environmental Stewardship	3	ENEC 350	 Environmental Law and Policy	3
ENEC/ENVR 470	Environmental Risk Assessment	3	ENEC 351	Coastal Law and Policy	3
ENEC 473	 Business and Finance Fundamentals for Change Makers	3	ENEC 370	Agriculture and the Environment ^H	3
ENEC 474	Sustainable Coastal Management	3	ENEC 380	Environmental Economics	3
ENEC/PLCY 475	The Political Economy of Food ^H	3	ENEC 395	 Research in Environmental Sciences and Studies for Undergraduates	3
ENEC 481	Energy Economics	3	or ENEC 396	Directed Readings	
ENEC 485	Coastal Resource Economics and Policy	3-4	ENEC 421	Textiles: Environmental Impacts, Issues, and Innovations	3
ENEC 491	Effective Environmental Communication	3	ENEC 485	Coastal Resource Economics and Policy	3-4
ENEC 492	Social Science Research Methods	3	ENEC 491	Effective Environmental Communication	3
ENEC/PLAN 547	Energy, Transportation, and Land Use	3	ENEC 492	Social Science Research Methods	3
ENEC/MEJO 565	Environmental Storytelling	3	ENEC 580	Environmental Markets: Science and Economics	3
ENEC/ENVR 570	Uncertainty, Decisions, and the Environment	3	ENEC 693H	 Honors Research in Environmental Sciences and Studies ¹	3
ENEC 580	Environmental Markets: Science and Economics	3	or ENEC 694H	 Honors Project in Environmental Sciences and Studies	
ENEC 581	Water Resource Planning and Policy Analysis	3	ENVR 600	Environmental Health	3
ENEC 586	Water Quality Policies and Planning	3	GEOG 222	Health and Medical Geography	3
ENEC/PLAN 641	Watershed Planning	3	GEOG 237	Natural Resources	3
ENEC 675	Environmental Communication and the Public Sphere	3	GEOG 269	 Human-Environment Interactions in the Galapagos Islands	3
ENEC 685	Environmental and Resource Economics	3	GEOG/ENEC 437	 Social Vulnerability to Climate Change	3
ENEC 693H	 Honors Research in Environmental Sciences and Studies ¹	3	GEOG/ENEC 451	 Population, Development, and the Environment	3
or ENEC 694H	 Honors Project in Environmental Sciences and Studies		GEOG 452	Mobile Geographies: The Political Economy of Migration	3
GEOG 237	Natural Resources	3	GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources ^H	3
GEOG 435	 Global Environmental Justice	3	GEOG 470	 Political Ecology: Geographical Perspectives	3
GEOG 470	 Political Ecology: Geographical Perspectives	3	PLCY/ENEC 372	Global Environment: Policy Analysis and Solutions	3
PLAN 639	 Complete, Safe, Equitable Streets	3	PLCY 373	Confronting Climate Change in the Anthropocene	3
PLCY/ENEC 371	 Energy Policy	3	PLCY 475	The Political Economy of Food ^H	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/ENEC 238	 Human Ecology of Africa	3
ANTH 318	 Human Growth and Development	3
ANTH 319	 Global Health	3
ANTH 320	Anthropology of Development	3
ANTH 439	 Political Ecology	3
ANTH 459	Ecological Anthropology	3
ANTH 539	 Environmental 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.

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
Core Requirements		
ENEC 201	 Introduction to Environment and Society ^{H, F}	4
ENEC 307	Energy and Material Flows in the Environment and Society	3
One course from the following options: ²		3
ENEC 330	Principles of Sustainability	
ENEC/PLCY 373	Confronting Climate Change in the Anthropocene	
ENEC 421	Textiles: Environmental Impacts, Issues, and Innovations	
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):		12-15
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 for Food, Energy, and Health ^H	
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 ^H	
PLAN 247	 Solving Urban Problems	
PLAN 574	Political Economy of Poverty and Inequality	
PLAN 637	 Public Transportation	
PLAN 638	Pedestrian and Bike Transportation	
PLAN 639	 Complete, Safe, Equitable Streets	
PLCY 373	Confronting Climate Change in the Anthropocene ²	
SOCI 274	 Advocacy Strategies: Communication Across Movements	
Economics		
BUSI 507	Sustainable Business and Social Enterprise ^H	
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 ^H
ENEC 405	Mountain Preservation
ENEC 420	Community Design and Green Architecture
ENEC 421	Textiles: Environmental Impacts, Issues, and Innovations ²
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):	
Basic Science	
BIOL 101 & 101L & BIOL 103	 Principles of Biology and  Introductory Biology Laboratory and  How Cells Function ^{H, F}

BIOL 101 & 101L & BIOL 104	Principles of Biology and Introductory Biology Laboratory and Biodiversity ^{H, F}
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 ^{H, F}
PHYS 114 & PHYS 115	General Physics I: For Students of the Life Sciences and General Physics II: For Students of the Life Sciences ^F
Communications and Research	
COMM/ENEC 375	Environmental Advocacy
ENEC 395	Research in Environmental Sciences and Studies for Undergraduates
	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 ¹
	or ENEC 694H Honors Project in Environmental Sciences and Studies
MEJO 560	Environmental and Science Journalism ^H
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 456	Geovisualizing Change
GEOG 477	Introduction to Remote Sensing of the Environment
GEOG 491	Introduction to GIS
GEOG 592	Geographic Information Science Programming
EMES 483	Geologic and Oceanographic Applications of Geographical Information Systems
Analytics	
BUSI 410	Business Analytics
BUSI 520	Advanced Spreadsheet Modeling for Business
ECON 400	Introduction to Data Science and Econometrics ^H
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 ^H	
STOR 305	Introduction to Decision Analytics	
STOR 455	Methods of Data Analysis ^H	
STOR 556	Time Series Data Analysis	
Programming and Informatics		
BIOL 222	Introduction to Programming with Biological Data	
COMP 110	Introduction to Programming ^H	
	or COMP 116 Introduction to Scientific Programming	
COMP 210	Data Structures and Analysis	
INLS 161	Tools for Information Literacy	
INLS 382	Information Systems Analysis and Design	
INLS 560	Programming for Information Science	
Additional Requirements		
ECON 101	Introduction to Economics ^{H, F}	4
MATH 152	Calculus for Business and Social Sciences ^F	3
	or MATH 231 Calculus of Functions of One Variable I	
Enough General Education and free electives to accumulate at least 120 credit hours. ¹		
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.

¹ Recommended courses are ENEC 202, ECON 400 and one of the following courses: ENEC 325, COMM 375/ENEC 375, or PHIL 368/ENEC 368.

² This course appears on a core requirement list as well as a pillar requirement list, but can only be counted towards one of the two.

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
First-Year Foundation Courses		
IDST 101	College Thriving	1

ENGL 105	English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies

Major Courses

BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory ^{H, F}	4
ECON 101	Introduction to Economics ^{H, F}	4
ENEC 201	Introduction to Environment and Society ^{H, F}	4
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4

Additional Courses

Lifetime Fitness (p. 708)	1
Electives or IDEAs in Action Requirements	6

Hours 31

Sophomore Year

Select one of the following: 4

CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{H, F}	
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PHYS 114	General Physics I: For Students of the Life Sciences ^F	
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PHYS 118	Introductory Calculus-based Mechanics and Relativity ^{H, F}	
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ENEC 202	Introduction to the Environmental Sciences	4
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Select one of the following: 4

CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	
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PHYS 115	General Physics II: For Students of the Life Sciences ^F	
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PHYS 119	Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	
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One earth system science core 3-4

Two courses from the concentration core 6

Electives or IDEAs in Action Requirements 7

Hours 28-29

Junior Year

Two courses from the environmental skills core 6

Two courses from the concentration core 6

ECON 400	Introduction to Data Science and Econometrics ^H	4
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Electives or IDEAs in Action Requirements 15

Hours 31

Senior Year

ENEC 698 or ENEC 694H	Capstone: Analysis and Solution of Environmental Problems or Honors Project in Environmental Sciences and Studies	3
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Remaining concentration course 3

Electives or IDEAs in Action Requirements as needed to complete curriculum and a minimum of 120 academic hours 24

Hours 30

Total Hours 120-121

^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**

First-Year Foundation Courses

IDST 101	College Thriving	1
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ENGL 105	English Composition and Rhetoric	3
----------	----------------------------------	---

First-Year Seminar or First-Year Launch (p. 640) ^F		3
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IDST 111L	Data Literacy Lab	1
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Global Language through level 3 (p. 649) varies

Major Courses

ENEC 201	Introduction to Environment and Society ^{H, F}	4
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MATH 152	Calculus for Business and Social Sciences ^F	3
----------	--	---

or MATH 231	or Calculus of Functions of One Variable I	
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ECON 101	Introduction to Economics ^{H, F}	4
----------	---	---

Additional Courses

Lifetime Fitness (p. 708)	1
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Electives or IDEAs in Action Requirements 10

Hours 30

Sophomore Year

ENEC 330	Principles of Sustainability	3
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or ENEC 421	or Textiles: Environmental Impacts, Issues, and Innovations	
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or ENEC 431	or Sustainable Cities: Exploring Ways of Making Cities More Sustainable	
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or PLCY 373	or Confronting Climate Change in the Anthropocene	
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Two environmental skills core courses 6

Two pillars of sustainability core courses 6

Electives or IDEAs in Action Requirements 15

Hours 30

Junior Year

ENEC 307	Energy and Material Flows in the Environment and Society	3
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One environmental skills core course 3

Two pillars of sustainability core courses 6

Electives or IDEAs in Action Requirements 18

Hours 30

Senior Year

ENEC 698 or ENEC 694H	Capstone: Analysis and Solution of Environmental Problems or  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
Hours		30
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.

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 or program 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 or journalism. The Hussman School has one-year graduate degrees in both journalism and strategic communications (so-called +1 programs) but retain a "pipeline" for environmental studies and sciences students interested in obtaining both degrees.
- 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 in the last three programs 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 (<https://catalog.unc.edu/undergraduate/programs-study/environmental-studies-major-ba/gwbell@email.unc.edu>), 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 Carolina.

Experiential Education

Possibilities for experiential education include APPLES service-learning courses (ENEC 593), Coral Reef Ecology and Management (ENEC 259),

internships (ENEC 393, ENEC 493), research (ENEC 395, ENEC 396, ENEC 698), and honors research (ENEC 693H, ENEC 694H).

Additionally, a series of five experiential education field sites (<https://ie.unc.edu/field-education/field-sites/>) are located 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) 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), 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. 333)
- Environmental Science Major, B.S. (p. 341)
- Dual Bachelor's-Master's Degree Programs (p. 340)

Minors

- Environmental Science and Studies Minor (p. 349)
- Food Studies Minor (p. 350)
- Sustainability Studies Minor (p. 352)

Graduate Programs

- Doctor of Philosophy (<https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Science (<https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Arts (<https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)

Courses

- Environment, Ecology, and Energy (ENEC) (<https://catalog.unc.edu/courses/enec/>)

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 Graduate Studies

Alecia Septer

Director of Undergraduate Studies

Amy E. Cooke
amycooke@unc.edu

Student Services Manager

Heratia Brelland
heratiab@unc.edu

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. 342) (with several concentration areas)
- Environmental Science, B.S.—Quantitative Energy Systems Track (p. 344)











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. 711).

Code	Title	Hours
Core Requirements		
ENEC 201	 Introduction to Environment and Society ^{H, F}	4
ENEC 203	 Introduction to Environmental Science Problem Solving	3
or EMES 203	 Data Analysis for Earth, Marine, and Environmental Sciences	
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 260	Introduction to Ecology ¹	
EMES 401/	Oceanography	
BIOL 350/		
ENVR 417		

ENEC 202	 Introduction to the Environmental Sciences	
ENEC 222	Estuarine and Coastal Marine Science ¹	
ENEC 324 & 324L	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems and  Water in Our World Laboratory ¹	
ENEC/ENVR 403	Environmental Chemistry Processes ¹	
ENEC/EMES 448	Coastal and Estuarine Ecology ¹	
ENEC 489	Ecological Processes in Environmental Systems ¹	
ENVR 413	Limnology	
GEOG 412	Synoptic Meteorology	
Two courses from one analytical skills option:		6-7
Applied Math:		
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	
MATH 383	First Course in Differential Equations ^H	
GIS and Remote Sensing:		
ANTH 419	 Anthropological Application of GIS	
EMES 483	Geologic and Oceanographic Applications of Geographical Information Systems ¹	
ENEC/ENVR 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	
ENEC 340	Environmental Applications of Drones ¹	
ENEC 479	Landscape Analysis ¹	
GEOG 370	 Introduction to Geographic Information ¹	
GEOG 456	 Geovisualizing Change	
GEOG 477	 Introduction to Remote Sensing of the Environment	
GEOG/PLAN 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 ¹	
BIOL/ENEC 563	Statistical Analysis in Ecology and Evolution	
BIOS 511	Introduction to Statistical Computing and Data Management	
BIOS 650	Basic Elements of Probability and Statistical Inference I	
EMES 515	Quantitative Ecology ¹	
EMES 520	Data Analysis for Earth and Marine Sciences	
EMES 525	Modelling in Earth and Marine Sciences	
ENEC/ENVR 570	Uncertainty, Decisions, and the Environment	
STOR 455	Methods of Data Analysis ^H	
STOR 556	Time Series Data Analysis	
Informatics		
BUSI 410	Business Analytics	
BUSI 520	Advanced Spreadsheet Modeling for Business	

INLS 161	Tools for Information Literacy	
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 (see 15-20 lists below)		
Additional Requirements		
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
COMP 110	 Introduction to Programming ^H	3
or COMP 116	Introduction to Scientific Programming	
or BIOL 222	 Introduction to Programming with Biological Data	
or INLS 560	Programming for Information Science	
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
STOR 155	 Introduction to Data Models and Inference ^{H, F}	3
or BIOS 600	Principles of Statistical Inference	
Select one of the following:		8
BIOL 101 & 101L & BIOL 104	 Principles of Biology and  Introductory Biology Laboratory and  Biodiversity ^{H, H, F}	
PHYS 118 & PHYS 119	 Introductory Calculus-based Mechanics and Relativity and  Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	
PHYS 114 & PHYS 115	 General Physics I: For Students of the Life Sciences and  General Physics II: For Students of the Life Sciences ^F	
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. ² Varies		
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.

¹ These course appear in the major core, concentrations and additional requirements, but can only be counted toward one of the three.

² 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 260	Introduction to Ecology ¹	3
BIOL/ENEC 272	Local Flora	3
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/EMES 440	Marine Ecology	3
BIOL 463	Field Ecology	4
BIOL 464	Global Change Biology	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 ¹	4
BIOL/ENEC 563	Statistical Analysis in Ecology and Evolution	4
BIOL 564	Population Ecology	3
BIOL 565	Conservation Biology ^H	3
BIOL 568H	Disease Ecology and Evolution	3
BIOL 657/ENVR 520/EMES 507	Biological Oceanography	4
EMES 443	Marine Microbiology	3
EMES 515	Quantitative Ecology ¹	3
ENEC 222	Estuarine and Coastal Marine Science ¹	4
ENEC/BIOL 256	Mountain Biodiversity	4
ENEC/GEOG 264	Conservation of Biodiversity in Theory and Practice	3
ENEC 304	Restoration Ecology	4
ENEC 340	Environmental Applications of Drones ¹	3
ENEC/EMES 352	Marine Fisheries Ecology	3
ENEC 370	Agriculture and the Environment ^H	3
ENEC 395	 Research in Environmental Sciences and Studies for Undergraduates	1-3
ENEC/EMES 441	Marine Physiological Ecology	3
ENEC/EMES 444/BIOL 456	Marine Phytoplankton	3
ENEC/EMES 448	Coastal and Estuarine Ecology ¹	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 ¹	3
ENEC 485	Coastal Resource Economics and Policy	3-4

ENEC 489	Ecological Processes in Environmental Systems ¹	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.

¹ 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 568H	Disease Ecology and Evolution	3
CHEM 261	Introduction to Organic Chemistry I ^{1, H}	3
EMES 443	Marine Microbiology	3
ENEC/EMES 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems ¹	3
ENEC 325	 Water Resource Management for Food, Energy, and Health ^H	3-4
ENEC 395	 Research in Environmental Sciences and Studies for Undergraduates	1-3
ENEC/ENVR 403	Environmental Chemistry Processes ¹	3
ENEC/ENVR 522	Environmental Change and Human Health	3
ENVR 412	Ecological Microbiology	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 451	Introduction to Environmental Modeling	3
ENVR 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health ¹	3
ENVR 470	Environmental Risk Assessment	3
ENVR 472	Quantitative Risk Assessment in Environmental Health Microbiology	3
ENVR 522	Environmental Change and Human Health	3
ENVR 582	Sanitation for Development	3
ENVR 600	Environmental Health	3
EPID 600	Principles of Epidemiology for 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.

¹ These courses appear 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
ENEC/PLCY 373	Confronting Climate Change in the Anthropocene	3.0
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 ¹	4
ENEC/GEOG 253	Introduction to Atmospheric Processes	4
ENEC/EMES 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems ¹	3
ENEC 395	 Research in Environmental Sciences and Studies for Undergraduates	1-3
ENEC/ENVR 403	Environmental Chemistry Processes ¹	3
ENEC/EMES 411	Oceanic Processes in Environmental Systems	4
ENEC/EMES 415	Environmental Systems Modeling	3
EMES 434	Blue Carbon and Coastal Environments	3
EMES 503	Marine Geology	4
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 ¹	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/ EMES 502	Earth Surface Processes	3
GEOG/ENEC 437	 Social Vulnerability to Climate Change	3

¹ 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. 711).

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
Core Requirements		
ENEC 201	 Introduction to Environment and Society ^{H, F}	4
ENEC 203	 Introduction to Environmental Science Problem Solving	3
or EMES 203	 Data Analysis for Earth, Marine, and Environmental Sciences	
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)		12-16
Informatics		
BUSI 410	Business Analytics	
BUSI 520	Advanced Spreadsheet Modeling for Business	
INLS 161	Tools for Information Literacy	
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	
Applied Mathematics		
MATH 347	 Linear Algebra for Applications ^F	
MATH 381	Discrete Mathematics ^H	
MATH 383	First Course in Differential Equations ^H	
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 ¹	
Statistics		
BIOS 511	Introduction to Statistical Computing and Data Management	
ENEC 562	Statistics for Environmental Scientists	
ENEC 563	Statistical Analysis in Ecology and Evolution	
ENEC/ENVR 570	Uncertainty, Decisions, and the Environment	

EMES 520	Data Analysis for Earth and Marine Sciences	
EMES 525	Modelling in Earth and Marine Sciences	
STOR 455	Methods of Data Analysis ^H	
STOR 435	Introduction to Probability ^H	
STOR 556	Time Series Data Analysis	
Basic Science		
BIOL 260	Introduction to Ecology	
BIOL 271	 Plant Biology	
CHEM 261	Introduction to Organic Chemistry I ^H	
PHYS 114	 General Physics I: For Students of the Life Sciences ^{1, F}	
or PHYS 118	 Introductory Calculus-based Mechanics and Relativity	
PHYS 115	 General Physics II: For Students of the Life Sciences ^F	
or PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta	
Modeling		
BIOL 222	 Introduction to Programming with Biological Data	
COMP 211	Systems Fundamentals	
COMP 283	 Discrete Structures ^H	
or MATH 381	Discrete Mathematics	
ENEC 415	Environmental Systems Modeling	
ENEC/ENVR/ PLAN 635	Energy Modeling for Environment and Public Health	
INLS 560	Programming for Information Science	
GIS and Remote Sensing		
ANTH 419	 Anthropological Application of GIS	
ENEC 340	Environmental Applications of Drones	
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	
ENEC/ENVR 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	
Four courses from one of the following concentrations		12-16
Energy Management		
ENEC 307	Energy and Material Flows in the Environment and Society	
ENEC 395	 Research in Environmental Sciences and Studies for Undergraduates ¹	
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 ¹
or ENEC 694H	 Honors Project in Environmental Sciences and Studies
ENVR/ENEC 403	Environmental Chemistry Processes ¹
PHYS 131	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas
PHYS 381	Renewable Electric Power Systems
PLAN/ENEC 547	Energy, Transportation, and Land Use
PLAN/ENEC/ENVR 548	Sustainable Energy Systems
PLAN/ENEC/ENVR 635	Energy Modeling for Environment and Public Health
Environmental Processes	
ENEC 202	 Introduction to the Environmental Sciences
ENEC 222	Estuarine and Coastal Marine Science
ENEC 256	Mountain Biodiversity
ENEC 304	Restoration Ecology
ENEC 352	Marine Fisheries Ecology
ENEC 370	Agriculture and the Environment ^H
ENEC 395	 Research in Environmental Sciences and Studies for Undergraduates ¹
or ENEC 396	Directed Readings
ENEC 462	Ecosystem Management
ENEC 489	Ecological Processes in Environmental Systems
ENEC 693H	 Honors Research in Environmental Sciences and Studies ¹
or ENEC 694H	 Honors Project in Environmental Sciences and Studies
ENVR/ENEC 403	Environmental Chemistry Processes ¹
EMES 431	Major World Rivers and Global Change: From Mountains to the Sea
EMES/ENEC 433	Wetland Hydrology
EMES/ENEC 450	Biogeochemical Processes
EMES/ENEC 435	Principles of Environmental Consulting: Mechanics of Groundwater Flow
EMES 436	Geochemistry of Natural Waters
EMES 508	Global Hydrology
EMES 520	Data Analysis for Earth and Marine Sciences
EMES 525	Modelling in Earth and Marine Sciences
GEOG 410	 Modeling of Environmental Systems
GEOG 412	Synoptic Meteorology
GEOG 414	 Climate Change

GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems
GEOG 441	Introduction to Watershed Systems
Smart Cities	
ENEC 325	 Water Resource Management for Food, Energy, and Health ^H
ENEC 350	 Environmental Law and Policy
ENEC 351	Coastal Law and Policy
ENEC 380	Environmental Economics
ENEC 395	 Research in Environmental Sciences and Studies for Undergraduates ¹
or ENEC 396	Directed Readings
ENEC/PLAN 420	Community Design and Green Architecture
ENEC 485	Coastal Resource Economics and Policy
ENEC 492	Social Science Research Methods
ENEC 693H	 Honors Research in Environmental Sciences and Studies ¹
or ENEC 694H	 Honors Project in Environmental Sciences and Studies
PLAN/ENEC 547	Energy, Transportation, and Land Use
PLAN 636	 Urban Transportation Planning
PLAN 637	Public Transportation
PLAN 638	Pedestrian and Bike Transportation
PLAN 639	 Complete, Safe, Equitable Streets
PLAN/ENEC 641	Watershed Planning
PLAN 651	Urban Form and the Design of Cities
PLAN 652	Site Planning and Urban Design
PLAN 655	Planning for Natural Hazards and Climate Risk
PLAN 672	Urban Data Analytics
PUBA/PLAN/ENVR 787	Applied Environmental Finance: How to Pay for Environmental Services

Additional Requirements

COMP 110	 Introduction to Programming ^{1, H}	3-4
or COMP 116	Introduction to Scientific Programming	
or PHYS 331	Numerical Techniques for the Sciences I	
or BIOL 222	 Introduction to Programming with Biological Data	
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
STOR 155	 Introduction to Data Models and Inference ^{H, F}	3
or BIOS 600	Principles of Statistical Inference	
Select one series from the following course pairs: ^{1, 2}		7-8
BIOL 101 & 101L	 Principles of Biology	
& BIOL 104	and  Introductory Biology Laboratory	
	and  Biodiversity ^{H, F}	

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 ^{H, F}
PHYS 114 & PHYS 115	General Physics I: For Students of the Life Sciences and General Physics II: For Students of the Life Sciences ^F
PHYS 118 & PHYS 119	Introductory Calculus-based Mechanics and Relativity and Introductory Calculus-based Electromagnetism and Quanta ^{H, F}

Enough General Education courses and free electives to satisfy 12051-61 credit hours.

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.

¹ The following courses are listed under multiple requirements in the major but can only be used to fulfill one requirement per course: BIOL 222 (<https://catalog.unc.edu/search/?search=BIOL+222>), ENEC 395, ENEC 415, ENEC 396, PLAN/ENEC/ENVR 635 (<https://catalog.unc.edu/search/?search=enec+635>), ENEC 693H, ENEC 694H, ENVR 403/ENEC 403, PHYS 114, PHYS 115, PHYS 118, PHYS 119, PHYS 331.

² Courses to be taken in a series; e.g., CHEM 101+L and CHEM 102+L.

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
First-Year Foundation Courses	
IDST 101 College Thriving	1
ENGL 105 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F	3
IDST 111L Data Literacy Lab	1
Global Language through level 3 (p. 649) ¹	3-4

Major Courses

CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{H, F}	4
ENEC 201	Introduction to Environment and Society ^{H, F}	4
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
STOR 155	Introduction to Data Models and Inference ^{H, F}	3

Additional Courses

Lifetime Fitness (p. 708)	1
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Hours 31-32

Sophomore Year

CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
ENEC 203 or EMES 203 or ENEC 415 or MATH 528 or MATH 564	Introduction to Environmental Science Problem Solving or Data Analysis for Earth, Marine, and Environmental Sciences or Environmental Systems Modeling or Mathematical Methods for the Physical Sciences I or Mathematical Modeling in the Life Sciences	3

One environmental concentration course 3

One earth system science core 3-4

BIOL 101 & 101L or PHYS 114 or PHYS 118	Principles of Biology ^{H, F} or General Physics I: For Students of the Life Sciences or Introductory Calculus-based Mechanics and Relativity	4
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BIOL 104 or PHYS 115 or PHYS 119	Biodiversity ^{H, F} or General Physics II: For Students of the Life Sciences or Introductory Calculus-based Electromagnetism and Quanta	3-4
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COMP 110 or COMP 116 or BIOL 222 or INLS 560	Introduction to Programming ^H or Introduction to Scientific Programming or Introduction to Programming with Biological Data or Programming for Information Science	3
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Electives or IDEAs in Action Requirements 6


Hours 29-31

Junior Year

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

Hours 30

Senior Year

ENEC 698 or ENEC 694H	Capstone: Analysis and Solution of Environmental Problems 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		15
Hours		30
Total Hours		120-123

- 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.
- ¹ Students may wish to consider completing their GLOBE-LANG (p. 649) requirement over the summer, in the second year, or through transfer credit to allow for taking fewer hours per semester in the first year.

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 or program 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 or journalism. The Hussman School has one-year graduate degrees in both journalism and strategic communications (so-called +1 programs) but retain a "pipeline" for environmental studies and sciences students interested in obtaining both degrees.
- 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 in the last three programs 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 (<https://catalog.unc.edu/undergraduate/programs-study/environmental-science-bs/gwbell@email.unc.edu>), 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 Carolina.

Experiential Education

Possibilities for experiential education include APPLES service-learning courses (ENEC 593), Coral Reef Ecology and Management (ENEC 259), internships (ENEC 393, ENEC 493), research (ENEC 395, ENEC 396, ENEC 698), and honors research (ENEC 693H, ENEC 694H).

Additionally, a series of five experiential education field sites (<https://ie.unc.edu/field-education/field-sites/>) are located 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) 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), 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. 333)
- Environmental Science Major, B.S. (p. 341)
- Dual Bachelor's-Master's Degree Programs (p. 340)

Minors

- Environmental Science and Studies Minor (p. 349)
- Food Studies Minor (p. 350)
- Sustainability Studies Minor (p. 352)

Graduate Programs

- Doctor of Philosophy (<https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programtext>)
- Master of Science (<https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programtext>)
- Master of Arts (<https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programtext>)

Courses

- Environment, Ecology, and Energy (ENEC) (<https://catalog.unc.edu/courses/enec/>)

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 Graduate Studies

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amycooke@unc.edu

Student Services Manager

Heratia Brelland

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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. 711).

Code	Title	Hours
Core Requirements		
ENEC 201	 Introduction to Environment and Society ^{H, F}	4
ENEC 202	 Introduction to the Environmental Sciences	4
Three additional ENEC courses (at least one at the 400 level or higher)		9-12
Total Hours		17-20

^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.

Environment, Ecology, and Energy (ENEC) course descriptions (<https://catalog.unc.edu/courses/enec/>).

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. 340) for special opportunities.

Department Programs

Majors

- Environmental Studies Major, B.A. (p. 333)
- Environmental Science Major, B.S. (p. 341)
- Dual Bachelor's-Master's Degree Programs (p. 340)

Minors

- Environmental Science and Studies Minor (p. 349)
- Food Studies Minor (p. 350)
- Sustainability Studies Minor (p. 352)

Graduate Programs

- Doctor of Philosophy (<https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programtext>)
- Master of Science (<https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programtext>)

- Master of Arts (<https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programtext>)

Courses

- Environment, Ecology, and Energy (ENEC) (<https://catalog.unc.edu/courses/enec/>)

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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. 711).

The minor requires five (5) courses.

Code	Title	Hours
Core Requirements		
NUTR 175	 Introduction to Food Studies: From Science to Society	3

Select four (4) electives from the following list (at least one at the 300 level or higher) ¹

AMST 75	 First-Year Seminar: Food and the Media ²
AMST 275	 Food and American Culture
AMST/FOLK 375	 Critical Issues in Contemporary Food Studies
ANTH 151	 Anthropological Perspectives on Food and Culture
ANTH 252	 Archaeology of Food
ANTH 459	Ecological Anthropology
ANTH 551	Origins of Agriculture in the Ancient World
ASIA 52	 First-Year Seminar: Food in Chinese Culture ²
ASIA 63	 First-Year Seminar: Japanese Tea Culture ²
BIOL 53	 First-Year Seminar: Biotechnology: Genetically Modified Foods to the Sequence of the Human Genome ²
BIOL 221 & 221L	 Seafood Forensics and  Seafood Forensics Laboratory
COMM 82	 First-Year Seminar: Food Politics from an Organizational Communication Perspective ²
COMM 625	 Communication and Nonprofits in the Global Context
ENEC/ANTH 237	 Food, Environment, and Sustainability
ENEC 370	Agriculture and the Environment ^H
EXSS 360	Sports Nutrition
FREN 186	 Food for Thought: Cultures of Cuisine in Modern France
GEOG 232	 Agriculture, Food, and Society
GEOG 293	 Freedom Farming
HIST 325	Food and History
HNRS 330	Is Dinner "Sustainable" - A Human Dilemma (The Honors Carolina Global Food Program Seminar)
IDST 119	 Triple-I: Food: People, Politics, and Policies ²
IDST 130	 Triple-I: The Future of Food ²
ITAL 365	 Italian Food and Culture
JAPN 411	Food and Culture in Japan
NUTR 240	Introduction to Human Nutrition
NUTR 250	Global Sustainable Food Systems
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 ^H
SOCI 430	Sociology of Food and Food Justice

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.

¹ Some courses may require a prerequisite(s). See course description for details.

² No more than one First-Year Seminar or Triple-I course may be used as an elective in the minor.

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

- Environmental Studies Major, B.A. (p. 333)
- Environmental Science Major, B.S. (p. 341)
- Dual Bachelor's-Master's Degree Programs (p. 340)

Minors

- Environmental Science and Studies Minor (p. 349)
- Food Studies Minor (p. 350)
- Sustainability Studies Minor (p. 352)

Graduate Programs

- Doctor of Philosophy (<https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programtext>)
- Master of Science (<https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programtext>)
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Courses

- Environment, Ecology, and Energy (ENEC) (<https://catalog.unc.edu/courses/enec/>)

Contact Information

Environment, Ecology, and Energy Program

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3202 Murray Hall, CB# 3275

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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. 711).

Code	Title	Hours
Core Requirements		
ENEC/PLAN 330	Principles of Sustainability ¹	3
or ENEC 201	 Introduction to Environment and Society	
or ENEC 431	Sustainable Cities: Exploring Ways of Making Cities More Sustainable	
Four elective courses chosen from the following options:		12
BUSI 507	Sustainable Business and Social Enterprise ^H	
COMM 375	Environmental Advocacy	
or ENEC 375	Environmental Advocacy	
ENEC 201	 Introduction to Environment and Society ^{H, F}	
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 320	The Future of Energy ^H
ENEC/EMES 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems
ENEC 325	 Water Resource Management and Human Rights ^H
ENEC 350	 Environmental Law and Policy
ENEC 351	Coastal Law and Policy
ENEC 370	Agriculture and the Environment ^H
ENEC/PLCY 372	Global Environment: Policy Analysis and Solutions
ENEC/PLCY 373	Confronting Climate Change in the Anthropocene
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/EMES 448	Coastal and Estuarine Ecology
ENEC 462	Ecosystem Management
ENEC/BUSI 463	 Corporate Environmental Stewardship
ENEC/ENVR 470	Environmental Risk Assessment
ENEC/EMES 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 481	Energy Economics
ENEC 490	Special Topics in Environmental Science and Studies ^H
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.

¹ If two of these courses 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. 340) for special opportunities.

Department Programs

Majors

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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. Our mission is promoting human and ecological health for all by identifying, understanding, and solving pressing environmental challenges. 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 (<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 related to natural resources, 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. 356)

Minor

- Engineering for Environmental Change, Climate, and Health Minor (p. 361)

Courses

- Environmental Sciences and Engineering (ENVR) (<https://catalog.unc.edu/courses/envr/>)

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

Joe Brown (137), Water and Sanitation, Environmental Health Microbiology; Director, Water Institute (Interim); Director, Engineering Programs

Gregory W. Characklis (98), Water Resources Engineering, Economics and Management; Director, Institute for Risk Management and Insurance Innovation

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; Director, Institute for Environmental Health Solutions; Interim Department Chair

Avram Gold (43), Environmental Chemistry

Bill Gray, Hydrology, Porous Media Flow, Environmental Thermodynamics
Kun Lu (37), Microbiome, Exposome, Omics Profiling (Metabolomics, Proteomics, Lipidomics), DNA Adducts, Biomarker Development, Cancer, Chronic Inflammation, Children's Health

Richard A. Luetlich 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

Mark D. Sobsey, Environmental Health Microbiology, Virology, Water, Sanitation and Hygiene

Jason Surratt (30), Atmospheric Chemistry, Secondary Organic Aerosols, Heterogeneous Chemistry, Air Pollution

Barbara J. Turpin (32), Atmospheric Chemistry, Air Pollution and Human Exposure; Director, Graduate Studies

William Vizuete (6), Atmospheric Modeling, Air Pollution, Environmental Engineering, Atmospheric Chemistry

Paul B. Watkins, Drug Safety Sciences, Pharmacotherapy and Experimental Therapeutics, Genomics Technologies

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

Amanda Northcross (134), Exposure Assessment, Air Pollution, Global Health; Director, Undergraduate Studies (B.S.P.H. and Assured Enrollment Programs)

Julia Rager (130), Environmental Sciences, Exposure Assessment, Genetics, Toxicology; Associate Chair for Strategic Initiatives
Marc L. Serre (100), Space/Time Statistics, Exposure Assessment, Environmental Modeling, Hydrology, Geostatistics, GIS, Environmental Epidemiology, Risk Assessment, Medical Geography
John Staley (135), 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.C.H. M.P.H. Program
Zhenfa Zhang, Synthetic Organic Chemistry

Assistant Professors

Ryan Cronk (11), 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
Megan Lott, Environmental microbiology, Microbes of the Built Environment and Wastewater-based Epidemiology
Musa Manga (5), Environmental Engineering, Water, Sanitation, Water Resource Management
Timothy Weigand (108), Fluid Dynamics, AI/Machine Learning, Mechanistic Modelling, Computational Science

Adjunct Professors

Sarav Arunachalam, Air Quality Modeling, Analyses, and Health Risk; Environmental Policy
Stephen Bennett, Natural Hazards Risk Modeling, Climate Risks for Reinsurance Underwriting, Extreme Weather and Climate Preparation and Response
Linda S. Birnbaum (86), Xenobiotic Metabolism, Biochemical Toxicology
Clarissa Brocklehurst, Water Supply and Sanitation
Daniel L. Costa (97), Pulmonary Toxicology
Felix Dodds, Sustainable Development, Finance, Climate, Environmental Security
Jonathan Freedman, Toxicology, Chemical Exposure, Risk Assessment
Shabbir H. Gheewala, Life Cycle Assessment
Jackie MacDonald Gibson, Water Quality, Environmental Justice, Risk Assessment
M. Ian Gilmour, Immunotoxicology
Marc Jeuland, Sustainability, Climate Resilience, Water and Health, Environmental Health Cost-Benefit Analysis
Valeria Ochoa-Herrera, Biological and Physico-Chemical Wastewater Treatment, Bioremediation, Biotechnology, Sustainability
Stephanie Padilla, Biomolecular and Computational Toxicology
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
Jacky Rosati Rowe (29), Exposure Assessment
Aaron Salzberg (133), Water Supply Planning and Sanitation; Director, Water Institute
James M. Samet (67), Mechanistic Toxicology, Cardiopulmonary Toxicology, Ambient Air Pollutants
ManishKumar Shrivastava, Atmospheric Chemistry, Secondary Organic Aerosols, Earth Systems Modeling, Climate and Health Impact

Jill R. Stewart (26), Water Quality Microbiology, Ecological Assessment and Prediction
Miroslav Styblo (79), Nutritional Biochemistry and Biochemical Toxicology
Bill Suk, Hazardous Substances Remediation, Environmental Toxicology, Children's Environmental Health
Cecilia Tan, Mechanisms of Environmental Exposure and Disease, Physiologically-based Pharmacokinetic (PBPK) Modeling
John Tomaro, Research Collaborator for the Water Institute

Adjunct Associate Professors

Bok Haeng (B.H.) Baek, Atmospheric Chemistry and Emission Models, Emissions Trends, Air Pollution Control Response
Karsten Baumann, Aerosol Chemistry
Jared Bowden, Air Quality and Climate Modeling
Jada Brooks, Health Equity, Community Engaged Research, Environmental Justice
Kristin Isaacs, Human Exposure Modeling, Risk Assessment
Janice Lee, Human Health Risk Assessment, Susceptibility, Mode of Action, Systematic Review
Liz Naess, Ambient Air Quality Data Analysis, Science and Policy, Health Equity
Roger Sit, Radiation Physics
Thomas B. Starr, Risk Assessment
John Wambaugh, Computational Toxicology and Exposure

Adjunct Assistant Professors

Celeste Carberry, Toxicological Mechanisms and Health Effects of Environmental Exposures
Rich Cravener, Healthy, Safety and Industrial Hygiene; NC OSHERC; NIOSH
Radhika Dhingra (132), Air Pollution, Epidemiology, Epigenetics, Health Effects
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
Lucas Rocha Melogno, Environmental Health Science, Policy Translation
Javad Roostaei, Environmental Science, Machine Learning, Data Science, AI
Antonia Sebastian, Environmental Hazards, Flood Risk Reduction
Lauren Eaves Sellers, Environmental Exposure, Prenatal Health Effects, and Epigenetics
David Singleton, Environmental Microbiology
Frank J. Stillo III, Risk Assessment, Risk Communication of Environmental Exposures in Drinking Water
W. Jon Wallace, Occupational Safety and Health Education

Professors Emeriti

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. Leith
David H. Moreau
Mark S. Shuman
Stephen C. Whalen
Donald Willhoit

Contact Information

Department of Environmental Sciences and Engineering
Visit Program Website (<http://www.sph.unc.edu/ese/>)

Department Chair
Rebecca Fry

ESE Student Services
Advising questions and more
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 five undergraduate majors: biostatistics, community and global public health, 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 their sophomore year for admission beginning in the fall of their junior year.

For current UNC–Chapel Hill students, additional information on application deadlines and how to apply can be found on 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 (<https://admissions.unc.edu/apply/types-of-applications/transfer/>) using the Transfer Common application.

For high school seniors, our five 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 2025–2026 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, MATH 232, OR MATH 233 and above
- 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
Admission Requirements		
One calculus course from the following list. A grade of C or better required.		4
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	
Two additional courses from biology, chemistry, computer programming, or physics. At least one course from two different categories. A grade of C or better required. See course selection below.		6-8
Total Hours		10-12

- ^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
Biology (any course above 101 level):		
BIOL 103	 How Cells Function ^{1, F}	3
BIOL 104	 Biodiversity ^{2, H, F}	3
BIOL 220	 Molecular Genetics ^{1, H}	3
BIOL 250	Evolutionary Biology ²	3
Chemistry (any course above 101 level):		
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
CHEM 261	Introduction to Organic Chemistry I ^H	3
Computer programming:		
COMP 110	 Introduction to Programming ^H	3
COMP 116	Introduction to Scientific Programming	3
BIOL 553	Mathematical and Computational Models in Biology	3
GEOG 597	Ecological Modeling	3
Physics:		
PHYS 114	 General Physics I: For Students of the Life Sciences ^F	4

PHYS 115	 General Physics II: For Students of the Life Sciences ^F	4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	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.

¹ Suggested for pre-med and students with interest in toxicology and genetics.

² 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. 711).

The major in environmental health sciences includes several concentrations:

- General (p. 358)
- Environmental Chemistry (p. 358)
- Environmental Health Biology (p. 358)
- Environmental Physics (p. 359)

Requirements for All Concentrations

Code	Title	Hours
Core Requirements		
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 (fall)	3
ENVR 230	Environmental Health Issues (spring)	3
ENVR 403	Environmental Chemistry Processes (spring)	3

ENVR 430	Health Effects of Environmental Agents (fall)	3
One of the following:		3
ENVR 698	Senior Capstone Course (to be taken in the senior year)	
ENVR 593	Undergraduate Practicum in Environmental Health Sciences (with approval)	
ENVR 695	 Environmental Health Majors Undergraduate Research (with approval)	
ENVR 692H	 Honors Thesis (with approval)	
Prerequisite and Additional Requirements [†]		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
BIOL 103 or BIOL 104	 How Cells Function ^F or  Biodiversity	3
BIOL 220 or BIOL 250	 Molecular Genetics ^H or Evolutionary Biology	3
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
CHEM 261	Introduction to Organic Chemistry I ^H	3
One of the following:		3
COMP 110	 Introduction to Programming ^H	
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 ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{1,2, H, F}	4
or PHYS 114	 General Physics I: For Students of the Life Sciences	
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{1,2, H, F}	4
or PHYS 115	 General Physics II: For Students of the Life Sciences	
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.

¹ Preferred.


² 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
Environmental Health Electives		
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
Total Hours		6-8

Environmental Chemistry Concentration

Code	Title	Hours
Environmental Health Electives		
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	
Additional Requirements		
CHEM 481	Physical Chemistry I	3
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	3
Total Hours		15-17

^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.

Environmental Health Biology Concentration

Code	Title	Hours
Environmental Health Electives		
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 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
Environmental Health Electives		
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 ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	3
Total Hours		13-14

^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
First-Year Foundation Courses		
IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3

First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Hours		8
Fall Semester		
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory ^{H, F}	4
Hours		8
Spring Semester		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
Hours		8
Sophomore Year		
Fall Semester		
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
BIOL 103 or BIOL 104	How Cells Function ^F or Biodiversity	3
Hours		7
Spring Semester		
BIOL 220 or BIOL 250	Molecular Genetics ^H or Evolutionary Biology	3
COMP 110 or COMP 116	Introduction to Programming ^H or Introduction to Scientific Programming	3
Hours		6
Junior Year		
Fall Semester		
CHEM 261	Introduction to Organic Chemistry I ^H	3
ENVR 205	Engineering Tools for Environmental Problem Solving	3
EPID 600	Principles of Epidemiology for Public Health	3
SPHG 351	Foundations of Public Health	3
Hours		12
Spring Semester		
BIOS 600	Principles of Statistical Inference	3
ENVR 230	Environmental Health Issues	3
ENVR 403	Environmental Chemistry Processes	3
SPHG 352	Public Health Systems and Solutions (Public Health Systems & Solutions)	4
Hours		13
Senior Year		
Fall Semester		
ENVR 430	Health Effects of Environmental Agents	3
ENVR 630	Systems Biology in Environmental Health	3

PHYS 118 or PHYS 114	Introductory Calculus-based Mechanics and Relativity ^{H, F} or General Physics I: For Students of the Life Sciences	4
Hours		10
Spring Semester		
ENVR 575	Global Climate Change: Science, Impacts, Solutions	3
ENVR 698	Senior Capstone Course	3
PHYS 119 or PHYS 115	Introductory Calculus-based Electromagnetism and Quanta ^{H, F} or General Physics II: For Students of the Life Sciences	4
Hours		10
Total Hours		82

^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. degree is 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. and M.P.H. can transfer up to 12 hours of graduate-level (400 or above) coursework. For the M.S., 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.

The department also offers a one-year practice-based or two-year research-based M.S.E.E. program (<https://sph.unc.edu/envr/msee-program/>) that provides students with the vital skills and training in air quality and sustainable water resources needed to solve today's environmental engineering and public health problems.

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/>). Students are required to be in residence at UNC during their junior year to be able to fully participate in the required B.S.P.H. core. Students are encouraged to study abroad in their first or second year at UNC and/or summer semesters.

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.

Students also participate in the ENHS Student Buddy Program, which is designed to help first-year students feel more included in the ESE community. First-year ENHS students are paired with rising ENHS seniors who offer social support by answering questions about student life in the department and other questions about being a student at UNC. The Buddy Program aims to improve the experience of first-year students who naturally have many questions and are not always comfortable asking for help, which can limit their overall undergraduate experience.

- Benefits for incoming ENHS students (juniors): Think of this as your first friend in your undergraduate program: a personal point of contact to talk to about life at UNC (e.g., good neighborhoods for housing, fun social activities, etc.). It may also be useful to talk to a Buddy about how to handle the transition into the program, courses that are challenging, and strategies that will set you up for success in the program.
- Benefits for rising ENHS seniors: An opportunity to share your experiences at UNC and all the interesting/useful things you have discovered as a student so far. This is also a great chance to extend your network to students you might not otherwise have a chance to interact with. This is an opportunity to pass on the wealth of knowledge about the ENHS program to an incoming student.

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. ENVR 89, ENVR 135/335, ENVR 295, ENVR 695, ENVR 691H/692H, ENVR 240 provide students research opportunities.

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. 356)

Minor

- Engineering for Environmental Change, Climate, and Health Minor (p. 361)

Courses

- Environmental Sciences and Engineering (ENVR) (<https://catalog.unc.edu/courses/envr/>)

Contact Information

Department of Environmental Sciences and Engineering
Visit Program Website (<http://www.sph.unc.edu/ese/>)

Director of Undergraduate Studies

Amanda Northcross
amandaln@email.unc.edu

Department Chair

Rebecca Fry

ESE Student Services

Advising questions and more
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 environmental change. Challenges 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 may increase migration and conflict pressure and exacerbate health challenges. 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 responses to mitigate and prepare for these pressing environmental challenges. Join the minor to learn about environmental change, health/risk assessment, environmental processes, and engineering tools to provide quantitative answers to these complex 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. 711).

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 ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	3
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102 & 102L	 General Descriptive Chemistry II and  Quantitative Chemistry Laboratory II ^{H, F}	4
PHYS 114	 General Physics I: For Students of the Life Sciences ^F	4
or PHYS 118	 Introductory Calculus-based Mechanics and Relativity	
PHYS 115	 General Physics II: For Students of the Life Sciences ^F	4
or PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta	
COMP 110	 Introduction to Programming and Data Science ^H	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
Core Requirements		
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. 356)

Minor

- Engineering for Environmental Change, Climate, and Health Minor (p. 361)

Courses

- Environmental Sciences and Engineering (ENVR) (<https://catalog.unc.edu/courses/envr/>)

Contact Information

Department of Environmental Sciences and Engineering

Visit Program Website (<http://www.sph.unc.edu/ese/>)

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Department Chair

Rebecca Fry

ESE Student Services

Advising questions and more
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. 363)

Courses

- Contemporary European Studies (EURO) (<https://catalog.unc.edu/courses/euro/>)

Advisory Board

Jennifer Boittin (History), Chad Bryant (History), Tori Ekstrand (Media and Journalism), Joanneke Fleischauer (UNC Libraries), Banu Gökariksel (Geography), Liesbet Hooghe (Political Science), Serenella Iovino (Romance Studies), Gary Marks (Political Science), Susan Dabney Pennybacker (History), Dan Sherman (History).

Affiliated Faculty

Karen Auerbach (History), Cemil Aydin (History), Cameron Ballard-Rosa (Political Science), Andrea Bohlman (Music), Cristina Carrasco (Romance Studies), Amy Chambliss (Romance Studies), Tori Ekstrand (Media and Journalism), Greg Gangi (Institute for the Environment), Banu Gökariksel (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.

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

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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. 711).

Code	Title	Hours
Core Requirements ¹		
EURO/HIST 159	 Europe and the World Since 1900	3
EURO/POLI 239	 Introduction to European Government ^H	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
Additional Requirements		
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. ²		6
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.

¹ 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.









² 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 ^{*,H}	3
POLI 232	 Politics of the United Kingdom ^H	3
POLI 236	Politics of East-Central Europe ^H	3
POLI 255	 International Migration and Citizenship Today ^H	3
POLI 433	Politics of the European Union ^H	3
POLI/EURO 438	 Democracy and International Institutions in an Undivided Europe	3

POLI 447	Immigrant Integration in Contemporary Western Europe ^H	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 ^{*,H}	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 ^H	3
POLI/PWAD 469	Conflict and Intervention in the Former Yugoslavia ^H	3
POLI/PWAD/SOCI 260	 Crisis and Change in Russia and Eastern Europe	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.

Theme II. Contemporary Europe: Histories and Cultures

Code	Title	Hours
ARTH 282	 Modern Art in Europe 1850-1900: Realism, Impressionism, Post-Impressionism	3
ARTH 284	 Modern Art in Europe 1900-1960: Avant-Gardes and Politics	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 579	 What is a Medium? German Media Theory from Aesthetics to Cultural Techniques	3
COMM 464	 Collaborative Performance ^H	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/POLI 257	 Politics, Society, and Culture in Postwar Germany	3
EURO/HIST/ WGST 259	 Towards Emancipation? Women in Modern Europe	3
EURO/RELI 270	 Religion in Western Europe ^H	3

EURO/HIST 347	Fascist Challenge in Europe, 1918-1945	3	HIST/EURO/POLI 257	Politics, Society, and Culture in Postwar Germany	3
EURO/RUSS 486	Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3	HIST/WGST 259	Towards Emancipation? Women in Modern Europe	3
FREN 262	Cultural and Linguistic Diversity in the French-Speaking World	3	HIST 260	From Kings to Communists: East-Central Europe in the Modern Era ^H	3
FREN 326	Cultures of Resistance in the French-Speaking World	3	HIST 261	France, 1870-1940	3
FREN 350	Current Societal Issues: France and Beyond	3	HIST/JWST/PWAD 262	History of the Holocaust: The Destruction of the European Jews	3
FREN 377	The Evolution of Frenchness since WWII	3	HIST 269	Modern London: Empire, Race, and Culture ^H	3
FREN 378	French and European Transmigrations: Global Contexts	3	HIST 302	Movies Make History: Films as Primary Sources in Europe and America ^H	3
FREN 383	Franco-Asian Encounters	3	HIST 312	History of France and Algeria	3
FREN 437	Literary and Cultural Theory in France	3	HIST 348	History of Migration	3
FREN 504	Cultural Wars: French/United States Perspectives	3	HIST 353	Cinema, Culture, and Society	3
FREN 513	20th- and 21st-Century French Literature and Culture	3	HIST 354	War and Gender in Movies ^H	3
GERM 245	Marx, Nietzsche, and Freud	3	HIST 390H	Special Topics in History [*]	3
GERM 265	Hitler in Hollywood: Cinematic Representations of Nazi Germany	3	HIST 398	Undergraduate Seminar in History ^{*, H}	3
GERM 268	Auteur Cinema	3	HIST 458	Europe and the World Wars, 1914-1945	3
GERM 279	Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3	HIST 462	Germany, 1806-1918: Politics, Society, and Culture ^H	3
GERM 285	Contemporary German Literature in Translation	3	HIST 463	Germany since 1918: Politics, Society, and Culture ^H	3
GERM 286	(Un)Welcomed Guests? German Reflections on Exile and Immigration	3	HIST 466	Modern European Intellectual History ^H	3
GERM 349	Vienna-Munich-Berlin: Revolutions in German Art c. 1900	3	HIST 469	European Social History	3
GERM 450	Nietzsche, Hesse, and Mann	3	HIST 474	Britain in World Affairs: British Foreign Policy since World War II	3
GERM 467	Contemporary German and Austrian Cinema	3	HIST 476	Religion and Ethnicity	3
GERM 475	Different than the Others: Stories of Queer German Liberation, 1864-2021	3	HIST 477	Revolution in Russia, 1900-1930	3
GERM 555	Interrogating Cultures of Fascism: Introduction to Frankfurt School's Critical Theory 1923-Present	3	HIST 478	Stalin and After: The USSR, 1929-Present	3
GSLI 259	Ideology and Aesthetics: Marxism and Literature	3	HIST 481	From Communists to Capitalists: Eastern Europe since 1945	3
GSLI 254	The Division of Germany, Reunification, and Conflict with Russia ^H	3	HIST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History	3
GSLI 260	From Berlin to Budapest: Literature, Film, and Culture of Central Europe	3	HIST 486/PWAD 485	Extremism, Terrorism, and Security in Postwar Europe ^H	3
GSLI 268	Cultural Trends in Post-Communist Central Europe: Search for Identity, Importance of Jewish Voices	3	HIST 490	Special Topics in History ^{*, H}	3
GSLI 280	The Dialectic of Whiteness and Blackness in Atlantic Cultures	3	HIST 578	Transatlantic Relations and Contemporary Geo-Politics from the Cold War to the Present	3
GSLI 285	Dissent and Protest in Central Europe	3	ITAL 250	Italian Fascism: Between History, Fiction, and Film	3
GSLI 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3	ITAL 320	Italian Cities and Cultures: History, Power, and Ecology	3
GSLI 475	Magical Realism: Central European Literature in a Global Context	3	ITAL 343	Italian Culture Today: Modern Italy as a Nation 1860 to Present	3
HIST 165	20th Century Britain: from the Great War to Brexit	3	ITAL 365	Italian Food and Culture	3
HIST 206	War, Diplomacy, and Statecraft, 1815-1945	3	ITAL 385	Italian Landscapes: Italy in the UNESCO World Heritage List	3
HIST 256	France, 1940 to the Present ^H	3	PLSH 280	The Modern Cinema of Poland	3
			PLSH 411	19th-Century Polish Literature and Culture	3
			RUSS 270	Crimes and Punishments: Russian Literature of the 19th Century	3
			SPAN 340	Iberian Cultural Topics	3









SPAN 371	Studies in Spanish Literature	3
WGST/AMST 325	 Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual 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.

* Asterisked courses require approval, based on topic.

Elective Courses on Contemporary Europe

Code	Title	Hours
ANTH 449	 Anthropology and Marxism	3
ARTH 283	 Picturing Paris: 1800-2000	3
CMPL 374/ WGST 373	 Modern Women Writers	3
CMPL 375	 New Wave Cinema: Its Sources and Its Legacies	3
CMPL 385	Modernist and Postmodernist Narrative	3
CMPL 466	 Modernism	3
CMPL 468	 Aestheticism	3
ECON 434	History of Economic Doctrines	3
ENGL/PWAD 659	 War in 20th-Century Literature ^H	3
FREN 372	 French and Francophone Studies since 1789	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
FREN 515	Social Networks: Technology and Community in Modern France	3
GERM/CMPL/ WGST 271	Women, Gender and Sexuality in German Cinema	3
GERM/CMPL 272	 History of German Cinema	3
GERM 281	 The German Idea of War: Philosophical Dialogues with the Literary and Visual Arts in WWI	3
GERM/PWAD 283	 Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3
GERM 381	 Berlin: Mapping a (Post) Modern Metropolis	3
GERM 382	Representations of Violence and Terrorism in Contemporary German Literature and Film	3
GERM 390	Topics in German Studies *	3
GERM 560	 20th-Century German Philosophy and Modern Youth Cultures	3
GSLI 88H	 First-Year Seminar: Gender and Fiction in Central and Eastern Europe	3
GSLI 255	Germany and Cold War: Occupation, Division, Reunification, Renewed Conflict with Russia (1945-Today)	3
GSLI 259	 Ideology and Aesthetics: Marxism and Literature	3
GSLI 283	Hungarian Cinema since World War II	3
HIST 466	Modern European Intellectual History ^H	3
HIST/ITAL 258	Modern Italy since 1848	3

ITAL 242	Italy and Modernity: Culture in a Changing Country	3
ITAL 331	Italian History and Culture II	3
ITAL 333	 Italian Film and Culture	3
ITAL 335	 Themes in Italian Film	3
ITAL 365	 Italian Food and Culture	3
ITAL 374	 Italian Ecofiction in Global Perspective	3
ITAL 382	The Italian Novel	3
ITAL 388	 Environmental Issues in Italian Literature and Film	3
ITAL 398	Undergraduate Seminar in Italian *	3
ITAL 571	 Primo Levi in English	3
JWST/PLSH 412	From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture	3
MUSC 284	Beethoven and His Era	3
MUSC 285	Musical Modernism	3
PHIL 224	 Existential Philosophy and the Meaning(lessness) of Life ^H	3
PHIL 229	20th-Century Western Philosophy	3
PHIL 494	Existentialism and Phenomenology	3
POLI 432	Tolerance in Liberal States	3
POLI 472	Problems of Modern Democratic Theory ^H	3
PORT 375	 Portuguese and Brazilian Fiction in Translation	3
ROML 500	Research Methods for Romance Languages and European 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.

* Asterisked courses require approval, based on topic.

Special Opportunities in Contemporary European Studies

Departmental Involvement

Center for European Studies

The Contemporary European Studies B.A. program (EURO) is housed within 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 film series, conferences with European and U.S. scholars, meetings with diplomats, and our annual Europe Week. .

CES also houses the TransAtlantic Master's 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.

Sign up for our bi-weekly Eurofile newsletter (<https://europe.unc.edu/newsletter/>) to find out about CES events or visit our website (<https://europe.unc.edu/>) for more information. Events are free and open to the public.

Model European Union Team

The Model European Union Team enhances students' understanding of the issues and challenges facing the 27-member nations of the European Union and the transatlantic relationship. Through the preparation for and participation in an annual hands-on two-day simulation, students learn about the workings of the EU while playing the roles of prime ministers, presidents, and ministers while debating policy, resolving disputes, building compromises, and charting the course of European integration.

Our Model European Union team organizes an annual Model EU Simulation each spring semester with support from the EU Delegation to the U.S.

If you are interested in joining the team, please reach out to europe@unc.edu (<https://catalog.unc.edu/undergraduate/programs-study/contemporary-european-studies-major-ba/europe@unc.edu>).

Working Group on Refugees, Europe, and Service Learning (WRESL)

Now in its seventh year, WRESL (the Working Group on Refugees, Europe, and Service Learning) (<https://europe.unc.edu/wresl/>), provides an informal space in which undergraduates and M.A. students can discuss the circumstances of refugees in Europe and the U.S. This group actively seeks out opportunities to learn about the immigrant experience on both sides of the Atlantic and to engage with those involved in integration processes. Thus far, we have focused attention on the efforts of refugee assistance programs (Church World Service), community partnerships (Transplanting Traditions), student volunteer tutors, as well as international photographers and film makers. As the name suggests, we are interested in wrestling with the challenges and successes of migrants and the ways in which non-migrants contribute to the immigrant experience.

If you are interested in joining WRESL, please contact tam@unc.edu.

EURO-TAM B.A.-M.A.

EURO-TAM is a unique program that enables students to complete both a bachelor's degree in Contemporary European Studies (EURO) and the TransAtlantic Master's (TAM) Program in reduced time. The combination of EURO and TAM prepares graduates for international careers in a variety of fields including diplomacy, business, policy-making, public service, teaching, and research.

If you are in high school with an interest in UNC and Europe, you can learn more about the Special Opportunity (<https://admissions.unc.edu/apply/special-opportunities/euro-tam/>) and how to apply for it through the Common App. If selected for assured admission to EURO-TAM, you will have the opportunity to complete your undergraduate and master's degree in five years.

If you are already a UNC student, the EURO-TAM B.A.-M.A. program is still available to you. Please reach out to the EURO director of undergraduate studies for more information.

Honors in Contemporary European Studies

The Senior Honors Thesis is an opportunity for EURO majors to conduct independent research related to their European studies major and graduate with honors. Students will choose an advisor and topic by the end of spring semester in their junior year and should be in touch with the

EURO advisor throughout the process to ensure proper documentation and enrollment.

Students will be enrolled in two independent study courses, EURO 691H and EURO 692H respectively, in the fall and spring semesters of their senior year, during which they will research and write on their topic under the guidance of their faculty advisor, culminating in an oral defense of the project by mid-April of the spring semester. Check out our Q&A with a EURO student who completed the Honors Thesis (<https://medium.com/unceurope/so-you-want-to-write-an-honors-thesis-a4759bb1f1ad/>).

Undergraduate Professional Development Opportunities

North Carolina Journal of European Studies (NCJES)

The *North Carolina Journal of European Studies* is dedicated to showcasing the analytical, critical, and creative work of UNC undergraduate students on issues related to contemporary Europe. Published on an annual basis, the journal seeks submissions from across the University's academic departments.

The founding mission of the Center for European Studies' *Undergraduate Journal* is student development. Our goal is to ensure that our undergraduates have pathways to publication and academia. Previous editions can be found here (<https://europe.unc.edu/research-ncjes/>).

Europe: Consider It All! Conference

The Europe: Consider It All! Conference (<https://europe.unc.edu/consider/>) focuses on under-considered topics and career paths relevant to contemporary Europe. What goes unexamined and under studied in this field? What are some professional opportunities students of contemporary Europe seldom consider? Presentations take the shape of papers or multimedia explorations.

Summer Research Opportunities

EURO majors are eligible for exclusive summer research funding through the European Summer Research Award (ESRA), funded by a generous donation from UNC alumni Betsy Blackwell and John Watson.

The European Summer Research Award (ESRA) (<https://europe.unc.edu/esra/>) supports EURO majors conducting independent, non-credit-bearing research in Europe for several weeks each summer. The awardees must be declared EURO majors at the time the research is conducted. The award amount is \$3,000, which can be used for airfare, ground travel, and accommodations. All EURO majors are encouraged to apply. The ESRA can be combined with a summer study abroad opportunity. Preference will be given to students with no or limited previous travel to the European Union.

Study Abroad Opportunities

EURO majors are encouraged to study abroad if they wish.

Please see EURO advisor, Katie Shanahan Lindner, to discuss potential programs that could fit your interests, as well as the credit transfer process for EURO.

Please note: EURO major regulations stipulate that students cannot transfer credit back for 400+ level courses from studying abroad and must take both core courses at UNC (EURO/HIST 159 and EURO/POLI 239).

Please see the study abroad website, studyabroad.unc.edu (<https://studyabroad.unc.edu/>), for detailed information about summer, semester or year-long credit-bearing programs.

Popular study abroad programs that EURO majors have participated in:

- Honors Burch Seminar in Vienna and the Balkans
- University of Vienna Summer School for International and European Studies
- Queen's University Belfast
- Sciences Po Paris
- University of Glasgow
- Lund University (Sweden)
- UNC in Montpellier
- UNC Exploring Economies in Scandinavia
- UNC Summer in Sevilla

Summer research options exist as well, including the European Summer Research Award, Summer Undergraduate Research Fellowship (<https://our.unc.edu/fund/surf/>), Burch Fellowships (<https://honorscarolina.unc.edu/fellowships/burch-fellowship/>), the Frances L. Phillips Travel Scholarship (<https://studentaffairs.unc.edu/students/phillipstravel/>), and the Class of 1938 Fellowship.

Funding Opportunities

EURO majors are also encouraged to apply for the Foreign Language Area Studies (FLAS) fellowship.

Foreign Language and Area Studies (FLAS) Fellowships (<https://europe.unc.edu/research/flas/>) support students taking less commonly taught languages at the intermediate level or above and area studies coursework. The Center for European Studies offers both academic year and summer fellowships to undergraduate students. The fellowship is designed to help students achieve their career goals, such as employment with the U.S. government.

Eligibility: Students must be U.S. citizens by birth or naturalization, or permanent residents.

Approved languages are: Arabic, Basque*, Bosnian/Croatian/Serbian (BCS), Czech, Dutch, Galician*, Italian, Polish, Portuguese, Romanian, Turkish in a European context, and Ukrainian*.

**Always check with CES' FLAS Coordinator about eligible languages before applying.*

Summer Fellowship Undergraduate and Graduate: Up to \$5,000 for tuition and fees + \$3,500 living allowance.

Summer Fellowships Only: Other contemporary European languages such as modern Greek or Albanian may be approved on a case-by-case basis if students find an eligible summer program.

Academic-Year Undergraduate Fellowship: Up to \$10,000 in tuition and fees + \$5,000 stipend.

The Academic Year Fellowship requires students to take one European language course and one area studies course related to contemporary European studies each semester during the academic year.

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

Priscilla Layne
playne@email.unc.edu

Director of Undergraduate Studies, EURO Major Advisor

Katie Shanahan Lindner
klindner@email.unc.edu

Student Services Manager

Kayla Bassett Andrade
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 (B.A. and B.S. degrees) 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. The department communicates via an EXSS majors Canvas page, 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, exercise 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.
10. The STAR Heel Lab at UNC examines innovating how we get health and performance science and applications to all individuals who need it.

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. 372)
- Exercise and Sport Science Major, B.A.—Fitness Professional (p. 370)

- Exercise and Sport Science Major, B.A.—Sport Administration (p. 374)
- Exercise and Sport Science Major, B.S. (<https://catalog.unc.edu/undergraduate/programs-study/exercise-sport-science-major-bs/>)

Minors

- Coaching Education Minor (p. 375)
- Exercise and Sport Science Minor (p. 376)
- Sports Medicine Minor (p. 377)

Graduate Program

- Exercise and Sport Science (<https://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>), M.A. (<https://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>)

Courses

- Exercise and Sport Science (EXSS) (<https://catalog.unc.edu/courses/exss/>)
- Lifetime Fitness (LFIT) (<https://catalog.unc.edu/courses/lfit/>)
- Physical Activities (PHYA) (<https://catalog.unc.edu/courses/phya/>)

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. 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.

Professors

Claudio L. Battaglini, J. Troy Blackburn, Anthony C. Hackney, Kristen L. Kucera, Jason P. Mihalik, Barbara Osborne, Darin A. Padua, Brian G. Pietrosimone, Nels K. Popp, Eric D. Ryan, Abbie E. Smith-Ryan, Erianne A. Weight.

Associate Professors

Erik D. Hanson, Jonathan A. Jensen, Zachary Yukio Kerr, Micheal D. Lewek, Johna Register-Mihalik, Lee Stoner, Erik A. Wikstrom.

Assistant Professors

Shelby E. Baez, Malia Blue, Jimikaye B. Courtney, Adam C. Kiefer, Derek Monroe, Jessica R. Murfree.

Teaching Professors

Alain J. Aguilar, Meredith A. Petschauer.

Teaching Associate Professors

J.D. DeFreese, Kristin S. Ondrak, Anthony F. Patterson, Angela Pratt.

Teaching Assistant Professors

Rebecca L. Battaglini, Benjamin M. Goerger, Wayne McDonnell Jr., Aliza K. Nedimyer, Olufemi Oluyedun.

Research Associate Professor

Wesley R. Cole.

Research Assistant Professor

Gena R. Gerstner.

Lecturers

Bradley Bates, John Brunner, Anthony Cosby, Greg Moore, Sherry Norris, James Strong, Nina Walker, Sunny Yu.

Postdoctoral Research Associates

Thomas Birchmeier, Aiden Chauntry, Katherine Collins, Daniel Corry, Hyunwook Lee, Jeb Struder.

Professor of the Practice

Richard A. Baddour.

Professors Emeriti

M. Deborah Bialeschki, John E. Billing, Bonita L. Marks, Robert G. McMurray, Frederick O. Mueller, Frank Pleasants, William E. Prentice, Edgar Shields, John M. Silva.

Teaching Professor Emerita

Sherry Salyer.

Adjunct Professors

David J. Berkoff, Deborah L. Givens, Kevin M. Guskiewicz, Stephen W. Marshall, Karen L. McCulloch, Todd Schwartz, Leon R. Schimmelfing.

Adjunct Associate Professors

Kevin Carneiro, Vicki S. Mercer.

Adjunct Assistant Professors

Avinash Chandran, Shawn Kane, Michael Mazzoleni.

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

J.D. DeFreese
defreese@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/](https://exss.unc.edu/undergraduate-program/ba-fitness-professional/)) or contact Professor Alain Aguilar (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. 711).

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
Core Requirements		
EXSS 155 & EXSS 256	 Human Anatomy and Physiology I and Human Anatomy and Physiology II ^{H, F}	6
EXSS 220	Fitness Management	3
EXSS 360	Sports Nutrition	3
EXSS 376	Physiological Basis of Human Performance	4
EXSS 380 or EXSS 385	Neuromuscular Control and Learning ^H Biomechanics of Sport	3
EXSS 408 or EXSS 478	Theory and Application of Strength Training and Conditioning for Fitness Professionals Sports Performance Training	3
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 ¹		

Additional Requirements

BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
Select one:		4
BIOC 107	Introduction to Biochemistry	
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{1, H, F}	
Total Hours		43

^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.

¹ 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.

² 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) 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 Dr. Zachary Yukio Kerr, the EXSS director of undergraduate research.

Department Programs

Majors

- Exercise and Sport Science Major, B.A. –General (p. 372)
- Exercise and Sport Science Major, B.A. –Fitness Professional (p. 370)
- Exercise and Sport Science Major, B.A. –Sport Administration (p. 374)
- Exercise and Sport Science Major, B.S. (<https://catalog.unc.edu/undergraduate/programs-study/exercise-sport-science-major-bs/>)

Minors

- Coaching Education Minor (p. 375)
- Exercise and Sport Science Minor (p. 376)
- Sports Medicine Minor (p. 377)

Graduate Program

- Exercise and Sport Science (<https://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>), M.A. (<https://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>)

Courses

- Exercise and Sport Science (EXSS) (<https://catalog.unc.edu/courses/exss/>)
- Lifetime Fitness (LFIT) (<https://catalog.unc.edu/courses/lfit/>)
- Physical Activities (PHYA) (<https://catalog.unc.edu/courses/phya/>)

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. 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.

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
Alain Aguilar
alaguila@email.unc.edu

Chair
Troy Blackburn

Director of Undergraduate Studies
J.D. DeFreese
defreese@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. 711).

Code	Title	Hours
Core Requirements		
EXSS 155 & EXSS 256	 Human Anatomy and Physiology I and Human Anatomy and Physiology II ^{H, F}	6
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 288	Emergency Care of Athletic Injuries and Illnesses	3
EXSS 376	Physiological Basis of Human Performance	4
EXSS 380	Neuromuscular Control and Learning ^H	3
EXSS 385	Biomechanics of Sport	3
Additional Requirements		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
Total Hours		32

- ^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.

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 Dr. Zachary Yukio Kerr, the EXSS director of undergraduate research.

Department Programs

Majors

- Exercise and Sport Science Major, B.A. –General (p. 372)
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Minors

- Coaching Education Minor (p. 375)
- Exercise and Sport Science Minor (p. 376)
- Sports Medicine Minor (p. 377)

Graduate Program

- Exercise and Sport Science (<https://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>), M.A. (<https://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>)

Courses

- Exercise and Sport Science (EXSS) (<https://catalog.unc.edu/courses/exss/>)
- Lifetime Fitness (LFIT) (<https://catalog.unc.edu/courses/lfit/>)
- Physical Activities (PHYA) (<https://catalog.unc.edu/courses/phya/>)

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. 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.

Contact Information

Department of Exercise and Sport Science
Visit Program Website (<http://exss.unc.edu>)
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(919) 843-9630

Chair

Troy Blackburn

Director of Undergraduate Studies

J.D. DeFreese
defreese@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 Tony Patterson (tonyp@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. 711).

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
Core Requirements		
EXSS 221	Introduction to Sport Administration ¹	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 424	Sport Sales and Revenue Production Seminar	3
Nine (9) additional credits must be earned in EXSS courses (at least one course, 3 hours, must be at the 200 level or above). ²		9
Additional Requirements		
ECON 101	 Introduction to Economics (prerequisite for EXSS 324) ^{H, F}	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		
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.

¹ EXSS 221 is a prerequisite for EXSS 322, EXSS 323, and EXSS 493.
² EXSS 420 and EXSS 430 may also be used. Note: EXSS 493 may be taken twice for a maximum total of six credits, but only three credits may be used to fill this elective requirement.

Students considering graduate work in sport administration should take EXSS 273.

Exercise and Sport Science (EXSS) course descriptions (p.).

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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Experiential Education/High-Impact Experience

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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

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Study Abroad

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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 Dr. Zachary Yukio Kerr, the EXSS director of undergraduate research.

Department Programs

Majors

- Exercise and Sport Science Major, B.A.—General (p. 372)
- Exercise and Sport Science Major, B.A.—Fitness Professional (p. 370)
- Exercise and Sport Science Major, B.A.—Sport Administration (p. 374)

- Exercise and Sport Science Major, B.S. (<https://catalog.unc.edu/undergraduate/programs-study/exercise-sport-science-major-bs/>)

Minors

- Coaching Education Minor (p. 375)
- Exercise and Sport Science Minor (p. 376)
- Sports Medicine Minor (p. 377)

Graduate Program

- Exercise and Sport Science (<https://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>), M.A. (<https://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>)

Courses

- Exercise and Sport Science (EXSS) (<https://catalog.unc.edu/courses/exss/>)
- Lifetime Fitness (LFIT) (<https://catalog.unc.edu/courses/lfit/>)
- Physical Activities (PHYA) (<https://catalog.unc.edu/courses/phya/>)

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. 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.

Contact Information

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Program Director
Tony Patterson
tonyp@unc.edu

Chair
Troy Blackburn

Director of Undergraduate Studies
J.D. DeFreese
deffreese@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 for the coaching education minor can be found in the Undergraduate Catalog archives (p. 762).

The Department of Exercise and Sport Science has paused enrollment in the coaching education minor and is no longer accepting applications.

Department Programs

Majors

- Exercise and Sport Science Major, B.A.—General (p. 372)
- Exercise and Sport Science Major, B.A.—Fitness Professional (p. 370)
- Exercise and Sport Science Major, B.A.—Sport Administration (p. 374)
- Exercise and Sport Science Major, B.S. (<https://catalog.unc.edu/undergraduate/programs-study/exercise-sport-science-major-bs/>)

Minors

- Coaching Education Minor (p. 375)
- Exercise and Sport Science Minor (p. 376)
- Sports Medicine Minor (p. 377)

Graduate Program

- Exercise and Sport Science (<https://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>), M.A. (<https://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>)

Courses

- Exercise and Sport Science (EXSS) (<https://catalog.unc.edu/courses/exss/>)
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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. 711).

Code	Title	Hours
Core Requirements		
Five courses chosen from:		15
EXSS 180	Physical Activity in Contemporary Society	
EXSS 181	Sport and Exercise Psychology	
EXSS 265	Fundamentals of Sports Medicine ¹	
	or EXSS 288 Emergency Care of Athletic Injuries and Illnesses	
EXSS 360	Sports Nutrition ¹	
EXSS 376	Physiological Basis of Human Performance ¹	
EXSS 380	Neuromuscular Control and Learning ¹	
EXSS 385	Biomechanics of Sport ¹	
EXSS 408	Theory and Application of Strength Training and Conditioning for Fitness Professionals ¹	
Additional Requirements		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory ^{H, F}	4
Total Hours		19

^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.

¹ Please note that some EXSS courses require prerequisites.

See the program page here (p. 372) for special opportunities.

Department Programs

Majors

- Exercise and Sport Science Major, B.A.—General (p. 372)
- Exercise and Sport Science Major, B.A.—Fitness Professional (p. 370)
- Exercise and Sport Science Major, B.A.—Sport Administration (p. 374)
- Exercise and Sport Science Major, B.S. (<https://catalog.unc.edu/undergraduate/programs-study/exercise-sport-science-major-bs/>)

Minors

- Coaching Education Minor (p. 375)
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Graduate Program

- Exercise and Sport Science (<https://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>), M.A. (<https://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>)

Courses

- Exercise and Sport Science (EXSS) (<https://catalog.unc.edu/courses/exss/>)
- Lifetime Fitness (LFIT) (<https://catalog.unc.edu/courses/lfit/>)
- Physical Activities (PHYA) (<https://catalog.unc.edu/courses/phya/>)

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. 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.

Contact Information

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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. 711).

Code	Title	Hours
Core Requirements		
Select one of the following options:		6
EXSS 155 & EXSS 256	 Human Anatomy and Physiology I and Human Anatomy and Physiology II ^{H, F}	
EXSS 175 & EXSS 276	 Human Anatomy and Human Physiology ^F	
EXSS 265	Fundamentals of Sports Medicine	3

EXSS 366	Foundations of Sports Medicine Rehabilitation	3
EXSS 393	 Sports Medicine Clinical	1
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	

Total Hours **14-16**

- ^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 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. 372) for additional special opportunities.

Department Programs

Majors

- Exercise and Sport Science Major, B.A.–General (p. 372)
- Exercise and Sport Science Major, B.A.–Fitness Professional (p. 370)
- Exercise and Sport Science Major, B.A.–Sport Administration (p. 374)
- Exercise and Sport Science Major, B.S. (<https://catalog.unc.edu/undergraduate/programs-study/exercise-sport-science-major-bs/>)

Minors

- Coaching Education Minor (p. 375)
- Exercise and Sport Science Minor (p. 376)
- Sports Medicine Minor (p. 377)

Graduate Program

- Exercise and Sport Science (<https://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>), M.A. (<https://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>)

Courses

- Exercise and Sport Science (EXSS) (<https://catalog.unc.edu/courses/exss/>)
- Lifetime Fitness (LFIT) (<https://catalog.unc.edu/courses/lfit/>)
- Physical Activities (PHYA) (<https://catalog.unc.edu/courses/phya/>)

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. 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.

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
J.D. DeFreese
deffreese@email.unc.edu

Department of Geography and Environment

Introduction

Geography and environment is the science of space, place, and environment. The department offers classes spanning the social and natural sciences, training students in qualitative, quantitative, spatial analysis and modeling, and laboratory methodologies. Human geographers study the spatial aspects of human activities, and physical geographers study patterns of climate, vegetation, landforms, land surface processes, 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 ranges from local to global scales. Geography and environment is an inherently interdisciplinary field and offers students skills to gain insights into pressing issues that the world faces. Geographic and environmental knowledge is highly valuable for policymakers. For example, how does climate change impact people's livelihood and health? 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, economics, development, and tourism planning; urban and regional planning; research and education; community development; resource management; and environmental regulation and modeling.

With geography and environment, 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, freshwater ecology and biogeochemistry 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 and environment from UNC–Chapel Hill are well trained for graduate programs in geography and environment 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 and Environment, degree requirements, and connections to other sites of interest, visit the department's website (<http://geography.unc.edu>).

Major

- Geography and Environment Major, B.A. (p. 379)

Minor

- Climate Change Minor (p. 384)
- Environmental Justice Minor (p. 385)
- Geography Minor (p. 387)
- Geographic Information Sciences Minor (p. 388)

Graduate Programs

- M.A. in Geography and Environment (<https://catalog.unc.edu/graduate/schools-departments/geography/>)
- Ph.D. in Geography and Environment (<https://catalog.unc.edu/graduate/schools-departments/geography/>)

Courses

- Geography (GEOG) (<https://catalog.unc.edu/courses/geog/>)

Professors

Shorna Allred, Michael E. Emch, Banu P. Gokariksel, Clark Gray, Elizabeth Havice, Scott Kirsch, Charles E. Konrad, Elizabeth Olson, Diego Riveros-Iregui, 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.

Assistant Professors

Amanda Gay DelVecchia, Maliheh Ghajargar, Ruth Matamoros-Mercado, Danielle Purifoy, Paul Taillie.

Research Professors

Richard E. Bilborrow, John Pickles, Stephen J. Walsh.

Research Associate Professor

Chris Fuhrmann.

Research Assistant Professors

Chao Wang, Qi Zhang.

Teaching Associate Professor

Jun Liang.

Teaching Assistant Professors

Julia Cardwell, Adrian Drummond-Cole, David Parr.

Professors Emeriti

Stephen Birdsall, John W. Florin, Wilbert M. Gesler, Richard J. Kopec, John Pickles, Stephen J. Walsh, Thomas Whitmore.

Contact Information

Department of Geography and Environment

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

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Geography and Environment 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 and environment program, students should be able to:









- Apply current research methods in geography to understand and/or solve real-world problems.
- 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.
- Analyze cultural and social contexts to understand and theorize human activities/behavior on human well-being.
- Report satisfaction with the geography and environment 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. 711).

Code	Title	Hours
Core Requirements		
GEOG 110	 The Blue Planet: An Introduction to Earth's Environmental Systems ^H	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 ^F	
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 ¹	3
Four GEOG elective courses, at least two of which must be at the 400-level or above.		12
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.
- 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.

¹ 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.).

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
Core Classes		
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
Methods and Research		
GEOG 391	Quantitative Methods in Geography ¹	3
GEOG 392	Research Methods in Geography ¹	3
GEOG 491	Introduction to GIS ¹	3
GEOG 591	Applied Issues in Geographic Information Systems ¹	3
GEOG 697	Capstone Seminar in Geographic Research ²	3

¹ Qualitative, quantitative, and GIS skills.

² Research opportunities.

Pursuing a minor in urban studies and planning (p. 251) 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
Building Blocks		
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
Advanced Courses		
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	3
GEOG 650	Technology and Democracy Research	3
Methods		
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
Core Classes		
GEOG 110	The Blue Planet: An Introduction to Earth's Environmental Systems ^H	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
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Geography Methods and Skills

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 ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	3
STOR 151	 Introduction to Data Analysis	3
or STOR 155	 Introduction to Data Models and Inference	
COMP 110	 Introduction to Programming ^H	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
Building Block Courses		
GEOG 120	 World Regional Geography	3
GEOG 121	 Geographies of Globalization	3
GEOG 123	 Cultural Geography	3
GEOG 130	 Development and Inequality: Global Perspectives ^F	3
Region Specific		
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
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Advanced Concepts

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








Contemporary Issues


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	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
GIScience Courses		
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
Courses Outside of Geography		
COMP 116	Introduction to Scientific Programming	3
COMP 401	Foundation of Programming ^H	4
COMP 410	Data Structures	3
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4













MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	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
Health Courses in Geography		
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
Geography Methods & Skills		
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
Classes Outside Geography		
ANTH 319	 Global Health	3
BIOL 101	 Principles of Biology ^{H, F}	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 ^{H, F}	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 nvironmental 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
Core Courses		
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
Methods and Skills ¹		
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
Classes Outside of Geography		
ANTH 139	Ecological Anthropology	3
ANTH 151	 Anthropological Perspectives on Food and Culture	3
ANTH 238	 Human Ecology of Africa	3
ANTH 306	Water and Inequality: Anthropological Perspectives	3
ANTH 320	Anthropology of Development	3
NUTR/AMST 175	 Introduction to Food Studies: From Science to Society	3

¹ 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
Core Courses		
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
Methods and Skills		
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
Classes Outside Geography		
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 ^H	3
COMM 140	 Introduction to Media History, Theory, and Criticism ^{H, F}	3
COMM 450	 Media and Popular Culture	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.

Special Opportunities in Geography and Environment

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 and Environment 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 and environment faculty member for academic credit through GEOG 493.

Independent Study

Independent study with a geography and environment 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 and environment 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 and Environment Major, B.A. (p. 379)

Minor

- Climate Change Minor (p. 384)
- Environmental Justice Minor (p. 385)
- Geography Minor (p. 387)
- Geographic Information Sciences Minor (p. 388)

Graduate Programs

- M.A. in Geography and Environment (<https://catalog.unc.edu/graduate/schools-departments/geography/>)
- Ph.D. in Geography and Environment (<https://catalog.unc.edu/graduate/schools-departments/geography/>)

Courses

- Geography (GEOG) (<https://catalog.unc.edu/courses/geog/>)

Contact Information

Department of Geography and Environment

Visit Program Website (<http://geography.unc.edu>)
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(919) 962-8901

Chair

Conghe Song
csong@email.unc.edu

Director of Undergraduate Studies

Shorna Allred
shorna@unc.edu

Undergraduate Program Administrator

Nell Phillips
nphillip@email.unc.edu

Climate Change Minor

Climate change is arguably the most pressing concern of our times. The impacts of climate change touch nearly every aspect of nature and society. Climate change is producing increasingly frequent and intense disturbances to natural resources and the environment, including droughts, flooding, wildfire, cyclones and heat waves. These impacts disrupt nearly every human endeavor, including public health and safety, environmental management and conservation, transportation, settlement patterns, food production, economics, migration, water resources and conflict. The climate change minor will help prepare students for this monumental challenge of global citizenship, and to prepare them for nearly all major fields of employment.










The minor offers a broad and integrated perspective on the intersections of society, nature, and our changing climate systems. Students will learn about the environmental science driving climate change through three foundational courses. Students will also learn about the impacts and vulnerabilities of the scientific and human dimensions of climate change, and methods for researching and presenting findings on climate.






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. 711).

Code	Title	Hours
Core Requirements		
ENVR 275	Global Climate Change: Interdisciplinary Perspectives (spring semester)	1
One course from the following list:		3
GEOG 110	 The Blue Planet: An Introduction to Earth's Environmental Systems ^H	
GEOG 111	 Weather and Climate	
ENEC 201	 Introduction to Environment and Society ^{H, F}	
ENEC 202	 Introduction to the Environmental Sciences	
Climate Science and Methods (select two courses from the following list):		6
EMES 203	 Data Analysis for Earth, Marine, and Environmental Sciences	
EMES 432	Paleoclimatology	
EMES 434	Blue Carbon and Coastal Environments	
ENEC 530	Principles of Climate Modeling ¹	
GEOG 212	 Environmental Conservation and Global Change	
GEOG 410	 Modeling of Environmental Systems	
GEOG 412	Synoptic Meteorology	
GEOG 414	 Climate Change	
GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	

GEOG 477	 Introduction to Remote Sensing of the Environment ¹	
PHYS/EMES 108	Climate and Energy Transitions: Understanding the Forecasts	
Human Impacts or Additional Climate Perspectives (select two courses from the following list):		6
ENEC/POLI 254	International Environmental Politics	
ENEC 330	Principles of Sustainability	
ENEC 373	Confronting Climate Change in the Anthropocene	
ENEC 471	Human Impacts on Estuarine Ecosystems ¹	
ENVR 575	Global Climate Change: Science, Impacts, Solutions	
GEOG 232	 Agriculture, Food, and Society	
GEOG 436	Governance, Institutions, and Global Environmental Change	
GEOG/ENEC 437	 Social Vulnerability to Climate Change	
GLBL 413	 Socialist and Decolonial Ecologies ¹	
HIST 204	 Global Environmental Histories: People, Climate, and Landscapes	
PLAN 655	Planning for Natural Hazards and Climate Risk	
PLAN 656	 Climate Change Impacts and Adaptation	
PLCY 373	Confronting Climate Change in the Anthropocene	

Total Hours 16

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.

¹ Course requires a prerequisite(s) not otherwise counting in the minor. Please review prerequisite information carefully when planning your course selection.

See the program page here (p. 383) for special opportunities.

Department Programs

Major

- Geography and Environment Major, B.A. (p. 379)

Minor

- Climate Change Minor (p. 384)
- Environmental Justice Minor (p. 385)
- Geography Minor (p. 387)
- Geographic Information Sciences Minor (p. 388)

Graduate Programs

- M.A. in Geography and Environment (<https://catalog.unc.edu/graduate/schools-departments/geography/>)
- Ph.D. in Geography and Environment (<https://catalog.unc.edu/graduate/schools-departments/geography/>)

Courses

- Geography (GEOG) (<https://catalog.unc.edu/courses/geog/>)

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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. 711).

A minimum of 4 courses (12 credit hours) is required to complete the minor.

Code	Title	Hours
Core Requirements		
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
Total Hours		12

List One

Code	Title	Hours
GEOG 125	Cultural Landscapes	3
GEOG 141	 Geography for Future Leaders	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 294	 Beyond Sustainability	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 ^H	3
GEOG 470	 Political Ecology: Geographical Perspectives	3
GEOG 480	 Liberation Geographies	3
GEOG 542	Neighborhoods and Health	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 ^H	3
PHIL 274	 Race, Racism, and Social Justice: African-American Political Philosophy ^H	3
PHIL/ENEC 368	 Living Things, Wilderness, and Ecosystems: An Introduction to Environmental Ethics ^H	3

SOCI 122	 Race and Ethnicity	3
SOCI 421	Environmental Sociology	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.

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 for Food, Energy, and Health ^H	3-4
ENEC 309	Environmental Values and Valuation	3
ENEC 350	 Environmental Law and Policy	3
MEJO 560	Environmental and Science Journalism ^H	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 ^H	3
PHIL 280	 Morality, Law, and Justice: Issues in Legal Philosophy ^H	3
PHIL 364	 Ethics and Economics	3
SOCI 411	Social Movements	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. 383) for special opportunities.

Department Programs

Major

- Geography and Environment Major, B.A. (p. 379)

Minor

- Climate Change Minor (p. 384)
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Graduate Programs

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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. 711).

To minor requires five geography courses.

Code	Title	Hours
Core Requirements		
Any two core courses:		6
GEOG 110	 The Blue Planet: An Introduction to Earth's Environmental Systems ^H	
GEOG 111	 Weather and Climate	
GEOG 120	 World Regional Geography	
GEOG 121	 Geographies of Globalization	

GEOG 130  Development and Inequality: Global Perspectives ^F

GEOG 370  Introduction to Geographic Information

GEOG 697  Capstone Seminar in Geographic Research

Three GEOG elective courses	9
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.

Elective courses may be any on the departmental list (p. 387), 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. 383) for special opportunities.

Department Programs

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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. Students in the GISc minor will learn spatial reasoning, geographic theory, hands-on experiences in cutting-edge geographic information systems (GIS), remote sensing (RS), global positioning systems (GPS), and their application in solving real-world problems, such as the impacts of climate and environmental changes on ecosystem goods and services, natural and anthropogenic factors affecting freshwater availability, biodiversity, and public health, among others. 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. 711).

Code	Title	Hours
Core Requirements		
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. 383) for special opportunities.

Department Programs

Major

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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 (one concentration), Russian (one concentration), and Slavic and East European (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.

All majors and minors have a primary academic advisor as assigned by Academic Advising (<https://advising.unc.edu/>). 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.

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, Russian, and Slavic/East European majors often go on to graduate programs in comparative literature, linguistics, history, law, international business and management, international relations, professional translation, medicine, education, and more. Some pursue careers as college professors. Many Chapel Hill German, Russian, and Slavic/East European 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. –German Studies Concentration (p. 393)
- Germanic and Slavic Languages and Literatures Major, B.A. –Russian Language and Culture Concentration (p. 396)
- Germanic and Slavic Languages and Literatures Major, B.A. –Slavic and East European Studies Concentration (p. 390)

Minors

- German Studies Minor (p. 399)
- Russian Culture Minor (p. 401)
- Slavic and East European Studies Minor (p. 404)

Graduate Programs

- M.A. in German Studies (<https://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)
- Ph.D. in German Studies (<https://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)

Courses

- Germanic and Slavic Languages and Literatures (GSLL) (<https://catalog.unc.edu/courses/gssl/>)
- Dutch (DTCH) (<https://catalog.unc.edu/courses/dtch/>)
- German (GERM) (<https://catalog.unc.edu/courses/germ/>)
- Bosnian-Croatian-Serbian (BCS) (<https://catalog.unc.edu/courses/bcs/>)
- Czech (CZCH) (<https://catalog.unc.edu/courses/czch/>)
- Hungarian (HUNG) (<https://catalog.unc.edu/courses/hung/>)
- Macedonian (MACD) (<https://catalog.unc.edu/courses/macd/>)
- Polish (PLSH) (<https://catalog.unc.edu/courses/plsh/>)
- Russian (RUSS) (<https://catalog.unc.edu/courses/russ/>)
- Slavic Languages (SLAV) (<https://catalog.unc.edu/courses/slav/>)

Professors

Ruth von Bernuth, Richard Langston, Priscilla Layne, David Pike.

Associate Professors

Radislav Lapushin, Inga Pollmann, Aleksandra Prica, Stanislav Shvabrin, Gabriel Trop.

Assistant Professors

Adi Nester, Eliza Rose, Sophia Strietholt, Tobias Wilke.

Teaching Associate Professors

Jocelyn Aksin, Natalia Chernysheva, Eleonora Magomedova.

Adjunct Associate Professor

Dan Thornton.

Teaching Assistant Professor

Matthew McGarry.

Lecturer

Agnieszka Majewska.

Professors Emeriti

Eric Downing, Clayton Koelb, Madeline G. Levine, Hana Pichova, Paul Roberge, Peter Sherwood.

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Germanic and Slavic Languages and Literatures Major, B.A. –Slavic and East European Studies Concentration

The Slavic and East European Studies concentration in the Department of Germanic and Slavic Languages and Literatures (GSLL) equips students with linguistic, communicative, literary, cultural, and historical competencies necessary to thrive in a diverse, networked world. With this major concentration, Carolina students are poised to succeed in a wide variety of professional fields including government, non-governmental organizations, policy think tanks, journalism, law, civil service, education, and beyond. The program offers a thorough and rigorous education in small seminars where students receive individualized attention from faculty members.

Coursework for this major ranges from language instruction to advanced research in the cultures of Poland, Ukraine, Czechia, and their regional neighbors. Course offerings focus on modern literature, film and new media, visual art, cultural theory, and history. Courses situate regional subject matter within its broadest global contexts. Carolina also offers for rising sophomores and beyond a portfolio of study abroad options in East Central Europe.

Many Carolina students complement their Slavic and East European degree with second majors in different fields. By combining Slavic and East 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. 711).

Code	Title	Hours
Core Requirements		
GSLL 260	 From Berlin to Budapest: Literature, Film, and Culture of Central Europe	3
HIST 250 or HIST 260	 Central Europe, Medieval to Modern  From Kings to Communists: East-Central Europe in the Modern Era	3
Four departmental courses (12 credit hours) in CZCH, GSLL, PLSH, RUSS, or SLAV numbered above 200 (not including introductory or intermediate foreign language courses) ¹		6

Two additional courses (6 credit hours), which may include departmental courses in CZCH, GSLL, PLSH, RUSS, or SLAV numbered above 100, or approved Slavic & East European studies electives (see list below)¹

Additional Requirements

Students must establish credit for level 4 (four semesters) of one East or Central European language (3 credit hours):^{2,3}

BCS 404	Intermediate Bosnian-Croatian-Serbian Language II	3
CZCH 404	Intermediate Czech II	
PLSH 404	Intermediate Polish II	
RUSS 204	Intermediate Russian Communication II	
Total Hours		27

² 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.

³ By exam credit (BE) and placement credit (PL) may be used.

Approved Electives

Code	Title	Hours
ANTH 449	 Anthropology and Marxism	3
HIST 140	 The World since 1945	3
HIST/EURO 159	 Europe and the World Since 1900	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
JWST/RELI 420	 Post-Holocaust Ethics and Theology ^H	3
JWST 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3
POLI/PWAD/SOCI 260	 Crisis and Change in Russia and Eastern Europe	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.

- 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: GSLL 691H, GSLL 692H, or GSLL 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.) include:

- Germanic and Slavic Languages and Literatures (GSLL)
- 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 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 and Slavic Club, provide an atmosphere for effective learning and for enjoying German and Slavic cultures. 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, Austria, and Eastern or Central Europe. The department also often presents a poetry night with poems recited by learners of various languages, as well as full-length plays and dramatic readings in German performed by undergraduate students.

The German and Slavic clubs, sponsored by the department, encourage students to independently plan cultural events, films, and conversation opportunities.

A number of the above events will be approved for IDEAs in Action CLE credit.

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; at the Freie University in Berlin; 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 Programs in Vienna and Berlin.

Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend programs at the Freie University in Berlin, the University of Zürich, in Tübingen, or the IES program in Freiburg, or also the Baden-Württemberg exchange at the University of Mannheim 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 may begin in August but more commonly in October, 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 (German Academic Exchange Service) 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 one of SIT Netherlands' semester or summer programs, for example "Human Traffic, Sex Trade, and Modern Slavery in Europe," or "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 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, and Krakow, Poland, and also a semester program in Budapest, Hungary.

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, CET in Prague, Czech Republic
- BCS: API Croatia, API Serbia, Bosnia, and Kosovo

- PLSH: API Poland
- HUNG: API Hungary

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, often 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 any associated 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 coursework at the 300 level or above that was conducted in the German language, 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. –German Studies Concentration (p. 393)
- Germanic and Slavic Languages and Literatures Major, B.A. –Russian Language and Culture Concentration (p. 396)
- Germanic and Slavic Languages and Literatures Major, B.A. –Slavic and East European Studies Concentration (p. 390)

Minors

- German Studies Minor (p. 399)
- Russian Culture Minor (p. 401)
- Slavic and East European Studies Minor (p. 404)

Graduate Programs

- M.A. in German Studies (<https://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)

- Ph.D. in German Studies (<https://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)

Courses

- Germanic and Slavic Languages and Literatures (GSLL) (<https://catalog.unc.edu/courses/gsl/>)
- Dutch (DTCH) (<https://catalog.unc.edu/courses/dtch/>)
- German (GERM) (<https://catalog.unc.edu/courses/germ/>)
- Bosnian-Croatian-Serbian (BCS) (<https://catalog.unc.edu/courses/bcs/>)
- Czech (CZCH) (<https://catalog.unc.edu/courses/czch/>)
- Hungarian (HUNG) (<https://catalog.unc.edu/courses/hung/>)
- Macedonian (MACD) (<https://catalog.unc.edu/courses/macd/>)
- Polish (PLSH) (<https://catalog.unc.edu/courses/plsh/>)
- Russian (RUSS) (<https://catalog.unc.edu/courses/russ/>)
- Slavic Languages (SLAV) (<https://catalog.unc.edu/courses/slav/>)

Contact Information

Department of Germanic and Slavic Languages and Literatures

Visit Program Website (<https://gsl.unc.edu/>)

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Germanic and Slavic Languages and Literatures Major, B.A. – German Studies Concentration

The German 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.

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 German for professional purposes, business German, translation studies, and internship courses. Students may also learn about foreign language pedagogy and gain practical experience teaching German to K–12 students through our course on German for Educational and Community

Engagement. Carolina also offers for rising sophomores and beyond an extensive portfolio of study abroad options in German-speaking Europe as well as the chance to apply for internships in Germany through our partnership with the German American Exchange.

German at Carolina offers a thorough and rigorous education in small seminars where students are able to receive individualized attention from faculty members. 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. 711).

Code	Title	Hours
Core Requirements		
A minimum of eight courses (24 credit hours). Three of these courses are taught in German (204, 301, 302). The courses for the German Studies Major include:		
GERM 204	 Intermediate German II ^H	3
GERM 301	 Advanced Applied German: Life, Work, Fun	3
GERM 302	 Advanced Communication in German: Media, Arts, Culture	3
One “Themes” course: GERM 210-290 and GSLL 212-259, 269, 270, 274, 278, 280, 282, 284, 288, 295 (taught in English)		3
One “Histories” course: GERM 401-492 (taught in English)		3
One “Theories” course: GERM 550-589 (taught in English)		3
Two Electives: Students can choose two German-language classes, or two English-language classes, or one German-language and one English-language class from the following options: A) Applied German (these courses are taught in German): GERM 303, 304, 305, 306, 493 and B) Histories, Themes or Theories (see above)		6
Total Hours		24

^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 Requirements

- Students must establish credit for GERM 203 (or GERM 206) as a prerequisite for a German Studies Major.
- Three German LAC credit hours may be used as a substitute for one three-hour elective course for the major.
- 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 elective courses taught in the target language (i.e., not in English).
- At least four courses (12 credit hours) beyond GERM 203 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.
- Students who wish to write a longer research paper have the possibility to sign up for the two-semester honors course designed to lead to the completion of the honors thesis (GSLL 691H and GSLL 692H). Only one of these courses can count as an elective towards the German Major.

Students who receive placement credit (PL) or By-Examination credit (BE) for GERM 204 and/or GERM 301 must substitute this credit with coursework (three credit hours each to replace GERM 204 and/or GERM 301) to complete the requirements for the major. The additional coursework must be German-language coursework numbered above the

German-language course that the students test out of. 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 as an elective toward the major:

Code	Title	Hours
GSLL 691H	 Honors Course	3
GSLL 692H	 Honors Course	3
GSLL 693H	 Honors Seminar	3

German (GERM) and Germanic and Slavic Languages and Literatures (GSLL) course descriptions (p.).

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 and Slavic Club, provide an atmosphere for effective learning and for enjoying German and Slavic cultures. 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, Austria, and Eastern or Central Europe. The department also often presents a poetry night with poems recited by learners of various languages, as well as full-length plays and dramatic readings in German performed by undergraduate students.

The German and Slavic clubs, sponsored by the department, encourage students to independently plan cultural events, films, and conversation opportunities.

A number of the above events will be approved for IDEAs in Action CLE credit.

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; at the Freie University in Berlin; 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 Programs in Vienna and Berlin.

Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend programs at the Freie University in Berlin, the University of Zürich, in Tübingen, or the IES program in Freiburg, or also the Baden-Württemberg exchange at the University of Mannheim 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 may begin in August but more commonly in October, 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 (German Academic Exchange Service) 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 one of SIT Netherlands' semester or summer programs, for example "Human Traffic, Sex Trade, and Modern Slavery in Europe," or "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 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, and Krakow, Poland, and also a semester program in Budapest, Hungary.

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, CET in Prague, Czech Republic
- BCS: API Croatia, API Serbia, Bosnia, and Kosovo
- PLSH: API Poland
- HUNG: API Hungary

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, often 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 any associated 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 coursework at the 300 level or above that was conducted in the German language, 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.—German Studies Concentration (p. 393)
- Germanic and Slavic Languages and Literatures Major, B.A.—Russian Language and Culture Concentration (p. 396)
- Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Studies Concentration (p. 390)

Minors

- German Studies Minor (p. 399)
- Russian Culture Minor (p. 401)
- Slavic and East European Studies Minor (p. 404)

Graduate Programs

- M.A. in German Studies (<https://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)
- Ph.D. in German Studies (<https://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)

Courses

- Germanic and Slavic Languages and Literatures (GSLL) (<https://catalog.unc.edu/courses/gsll/>)
- Dutch (DTCH) (<https://catalog.unc.edu/courses/dtch/>)
- German (GERM) (<https://catalog.unc.edu/courses/germ/>)
- Bosnian-Croatian-Serbian (BCS) (<https://catalog.unc.edu/courses/bcs/>)
- Czech (CZCH) (<https://catalog.unc.edu/courses/czch/>)
- Hungarian (HUNG) (<https://catalog.unc.edu/courses/hung/>)
- Macedonian (MACD) (<https://catalog.unc.edu/courses/macd/>)
- Polish (PLSH) (<https://catalog.unc.edu/courses/plsh/>)
- Russian (RUSS) (<https://catalog.unc.edu/courses/russ/>)
- Slavic Languages (SLAV) (<https://catalog.unc.edu/courses/slav/>)

Contact Information

Department of Germanic and Slavic Languages and Literatures

Visit Program Website (<https://gsll.unc.edu/>)

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Germanic and Slavic Languages and Literatures Major, B.A. –Russian Language and Culture Concentration

The Russian language and culture 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. 711).

Code	Title	Hours
Core Requirements		
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) ¹		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

¹ GSLL 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
GSLL 691H	Honors Course	3
GSLL 692H	Honors Course	3
GSLL 693H	Honors Seminar	3

Russian (RUSS) and Germanic and Slavic Languages and Literatures (GSLL) course descriptions (p.).

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 and Slavic Club, provide an atmosphere for effective learning and for enjoying German and Slavic cultures. 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, Austria, and Eastern or Central Europe. The department also often presents a poetry night with poems recited by learners of various languages, as well as full-length plays and dramatic readings in German performed by undergraduate students.

The German and Slavic clubs, sponsored by the department, encourage students to independently plan cultural events, films, and conversation opportunities.

A number of the above events will be approved for IDEAs in Action CLE credit.

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; at the Freie University in Berlin; 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 Programs in Vienna and Berlin.

Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend programs at the Freie University in Berlin, the University of Zürich, in Tübingen, or the IES program in Freiburg, or also the Baden-Württemberg exchange at the University of Mannheim 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 may begin in August but more commonly in October, 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 (German Academic Exchange Service) 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 one of SIT Netherlands' semester or summer programs, for example "Human Traffic, Sex Trade, and Modern Slavery in Europe," or "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 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, and Krakow, Poland, and also a semester program in Budapest, Hungary.

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, CET in Prague, Czech Republic
- BCS: API Croatia, API Serbia, Bosnia, and Kosovo
- PLSH: API Poland
- HUNG: API Hungary

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, often 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 any associated 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 coursework at the 300 level or above that was conducted in the German language, 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. –German Studies Concentration (p. 393)
- Germanic and Slavic Languages and Literatures Major, B.A. –Russian Language and Culture Concentration (p. 396)
- Germanic and Slavic Languages and Literatures Major, B.A. –Slavic and East European Studies Concentration (p. 390)

Minors

- German Studies Minor (p. 399)
- Russian Culture Minor (p. 401)
- Slavic and East European Studies Minor (p. 404)

Graduate Programs

- M.A. in German Studies (<https://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)
- Ph.D. in German Studies (<https://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)

Courses

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- Macedonian (MACD) (<https://catalog.unc.edu/courses/macd/>)
- Polish (PLSH) (<https://catalog.unc.edu/courses/plsh/>)
- Russian (RUSS) (<https://catalog.unc.edu/courses/russ/>)
- Slavic Languages (SLAV) (<https://catalog.unc.edu/courses/slav/>)

Contact Information

Department of Germanic and Slavic Languages and Literatures

Visit Program Website (<https://gsll.unc.edu/>)

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German Studies Minor

The German studies minor 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. By including a German minor as part of their undergraduate program, Carolina graduates succeed in an endless variety of professional fields.

Courses range from basic and advanced language instruction to research in the cultures of Germany, Austria, and Switzerland. Electives include applied German courses taught in German as well as themes-, histories- and theories-oriented courses taught in English that introduce students to cultural and historical problems of the German-speaking lands and allow them to explore conceptual thought. The program's offerings focus on medieval and modern literature, philosophy and cultural theory as well as theater, film, and other media. Praxis-oriented courses include German for professional purposes, business German, translation studies, and internship courses. Students may also learn about foreign language pedagogy and gain practical experience teaching German to K-12 students through our course on German for Educational and Community Engagement. Carolina also offers for rising sophomores and beyond an extensive portfolio of study abroad options in German-speaking Europe as well as the chance to apply for internships in Germany through our partnership with the German American Exchange.

German at Carolina offers a thorough and rigorous education in small seminars where students are able to receive individualized attention from faculty members. 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 minor have a 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.

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. 711).

Code	Title	Hours
Core Requirements		
GERM 204	 Essential German for Advanced Proficiency: Vielfalt in Practice ^H	3
GERM 301	 Advanced Spoken German: Vielfalt in Media	3
GERM 302	 Advanced Written German: Vielfalt in Analytic and Creative Writing	3
Two electives courses. Students can choose two German-language classes, or two English-language classes, or one German-language and one English-language class from the following options:		6
A. Applied German courses (taught in German): GERM 303, GERM 304, GERM 305, GERM 306, GERM 493		
B. Themes courses (taught in English) numbered GERM 210- GERM 290 and GSLL 212-GSLL 259, GSLL 269, GSLL 270, GSLL 274, GSLL 278, GSLL 280, GSLL 282, GSLL 284, GSLL 288, GSLL 295		
C. Histories courses (taught in English) numbered GERM 401 - GERM 492		
D. Theories courses (taught in English) numbered GERM 550 - GERM 589		
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 must take at least nine hours of their minor "core" requirements at UNC–Chapel Hill.
- Minors who study abroad or wish to transfer credit from another institution may apply to transfer two courses (6 hours) 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.
- Three German LAC credit hours may be used as a substitute for one three-hour elective course taught in German for the minor.

- Dutch language courses (DTCH 402, DTCH 403, and DTCH 404) may not count toward the German minor. However, DTCH 396 and DTCH 405 may be counted toward the German minor as elective courses taught in the target language (i.e., not in English).
- Students must establish credit for GERM 203 (or GERM 206) as a prerequisite for a German minor.

Students who receive placement credit (PL) or By-Examination credit (BE) for GERM 204 and/or GERM 301 must substitute this credit with coursework (three credit hours each to replace GERM 204 and/or GERM 301) to complete the requirements for the major. The additional coursework must be German-language coursework numbered above the German-language course that students test out of. 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.).

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 and Slavic Club, provide an atmosphere for effective learning and for enjoying German and Slavic cultures. 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, Austria, and Eastern or Central Europe. The department also often presents a poetry night with poems recited by learners of various languages, as well as full-length plays and dramatic readings in German performed by undergraduate students.

The German and Slavic clubs, sponsored by the department, encourage students to independently plan cultural events, films, and conversation opportunities.

A number of the above events will be approved for IDEAs in Action CLE credit.

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; at the Freie University in Berlin; 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 Programs in Vienna and Berlin.

Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend programs at the Freie University in Berlin, the University of Zürich, in Tübingen, or the IES program in Freiburg, or also the Baden-Württemberg exchange at the University of Mannheim 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 may begin in August but more commonly in October, 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 (German Academic Exchange Service) 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 one of SIT Netherlands' semester or summer programs, for example "Human Traffic, Sex Trade, and Modern Slavery in Europe," or "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 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, and Krakow, Poland, and also a semester program in Budapest, Hungary.

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, CET in Prague, Czech Republic
- BCS: API Croatia, API Serbia, Bosnia, and Kosovo
- PLSH: API Poland
- HUNG: API Hungary

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, often 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 any associated 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 coursework at the 300 level or above that was conducted in the German language, 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.—German Studies Concentration (p. 393)
- Germanic and Slavic Languages and Literatures Major, B.A.—Russian Language and Culture Concentration (p. 396)
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Minors

- German Studies Minor (p. 399)
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Graduate Programs

- M.A. in German Studies (<https://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)
- Ph.D. in German Studies (<https://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)

Courses

- Germanic and Slavic Languages and Literatures (GSL) (<https://catalog.unc.edu/courses/gsl/>)
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- Russian (RUSS) (<https://catalog.unc.edu/courses/russ/>)
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Contact Information

Department of Germanic and Slavic Languages and Literatures

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Assistant Director of Undergraduate Studies

Radislav Lapushin
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Administrative Manager

Valerie Bernhardt
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Russian Culture Minor

The Russian culture minor in the Department of Germanic and Slavic Languages and Literatures (GSL) equips students with regional expert knowledge and communicative, literary, cultural, and medial competencies necessary to answer geostrategic and civilizational challenges emerging from the post-Soviet and Russophone spheres. This minor can complement major concentrations in diverse fields across the humanities, arts, and natural and social sciences. The Russian minor prepares students for their professional careers in sectors like banking, business, education, government, IT, journalism, law, military or civil service, non-governmental organizations, non-profits, policy think tanks,

start-ups, research labs, and a wide variety of careers associated with national security.

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. 711).

Code	Title	Hours
Core Requirements		
A minimum of five RUSS courses (15 hours) covering any aspect of Russian language, literature, or culture. ¹		15
Total Hours		15

¹ The first two semesters of Russian (i.e., RUSS 101 and RUSS 102) may not be counted toward this minor.

- GSLL 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.).

Special Opportunities in Germanic and Slavic Languages and Literatures
Honors in Germanic and Slavic Languages and Literatures

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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
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Administrative Manager

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Slavic and East European Studies Minor

The Slavic and East European Studies minor in the Department of Germanic and Slavic Languages and Literatures (GSLL) equips students with regional expert knowledge and communicative, literary, cultural, and historical 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. With this minor concentration, Carolina students are poised to succeed in a wide variety of professional fields including government, non-governmental organizations, policy think tanks, journalism, law, civil service, education and beyond. The program offers a thorough and rigorous education in small seminars where students receive individualized attention from faculty members.

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. 711).

Code	Title	Hours
Core Requirements		
A minimum of five courses (15 hours) in BCS, CZCH, GSLL, PLSH, RUSS, or SLAV. ¹		15
Total Hours		15

¹ The first two semesters of any language may not be counted toward this minor (e.g., BCS 401/BCS 402, CZCH 401/CZCH 402, PLSH 401/PLSH 402, RUSS 101/RUSS 102).

- 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, 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.) include:

- Germanic and Slavic Languages and Literatures (GSLL)
- Bosnian-Croatian-Serbian (BCS)
- Czech (CZCH)
- 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.

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 and Slavic Club, provide an atmosphere for effective learning and for enjoying German and Slavic cultures. 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, Austria, and Eastern or Central Europe. The department also often presents a poetry night with poems recited by learners of various languages, as well as full-length plays and dramatic readings in German performed by undergraduate students.

The German and Slavic clubs, sponsored by the department, encourage students to independently plan cultural events, films, and conversation opportunities.

A number of the above events will be approved for IDEAs in Action CLE credit.

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; at the Freie University in Berlin; 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 Programs in Vienna and Berlin.

Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend programs at the Freie University in Berlin, the University of Zürich, in Tübingen, or the IES program in Freiburg, or also the Baden-Württemberg exchange at the University of Mannheim 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 may begin in August but more commonly in October, 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 (German Academic Exchange Service) 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 one of SIT Netherlands' semester or summer programs, for example "Human Traffic, Sex Trade, and Modern Slavery in Europe," or "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 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, and Krakow, Poland, and also a semester program in Budapest, Hungary.

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, CET in Prague, Czech Republic
- BCS: API Croatia, API Serbia, Bosnia, and Kosovo
- PLSH: API Poland
- HUNG: API Hungary

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, often 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 any associated 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 coursework at the 300 level or above that was conducted in the German language, 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.—German Studies Concentration (p. 393)
- Germanic and Slavic Languages and Literatures Major, B.A.—Russian Language and Culture Concentration (p. 396)
- Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Studies Concentration (p. 390)

Minors

- German Studies Minor (p. 399)
- Russian Culture Minor (p. 401)
- Slavic and East European Studies Minor (p. 404)

Graduate Programs

- M.A. in German Studies (<https://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)
- Ph.D. in German Studies (<https://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)

Courses

- Germanic and Slavic Languages and Literatures (GSLI) (<https://catalog.unc.edu/courses/gsl/>)
- Dutch (DTCH) (<https://catalog.unc.edu/courses/dtch/>)
- German (GERM) (<https://catalog.unc.edu/courses/germ/>)
- Bosnian-Croatian-Serbian (BCS) (<https://catalog.unc.edu/courses/bcs/>)
- Czech (CZCH) (<https://catalog.unc.edu/courses/czch/>)
- Hungarian (HUNG) (<https://catalog.unc.edu/courses/hung/>)
- Macedonian (MACD) (<https://catalog.unc.edu/courses/macd/>)
- Polish (PLSH) (<https://catalog.unc.edu/courses/plsh/>)
- Russian (RUSS) (<https://catalog.unc.edu/courses/russ/>)
- Slavic Languages (SLAV) (<https://catalog.unc.edu/courses/slav/>)

Contact Information

Department of Germanic and Slavic Languages and Literatures

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Curriculum in Global Studies Introduction

Global studies is an interdisciplinary curriculum that brings together diverse perspectives and frameworks to analyze the complex relationships between local, national, and global structures.

The Curriculum in Global Studies provides students with the necessary knowledge and skills to develop effective and innovative responses to some of today's most critical global challenges — such as racial and gender injustice, economic inequality, increasing war and conflict,

migration and displacement, and environmental crisis — by training them in a variety of methodologies drawn from multiple academic disciplines and supporting them with internationally renowned faculty across more than ten departments at UNC.

Stay up to date on all things UNC Global Studies by following us on Instagram: [@uncglobalstudies](https://www.instagram.com/uncglobalstudies)

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 also 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

The Curriculum in Global Studies combines a global perspective with regional and linguistic expertise as well as diverse academic methodological training to prepare students for jobs in a variety of fields and/or graduate education. The curriculum's interdisciplinary training offers the flexibility and adaptability that are crucial for continued success in shifting job markets and global circumstances. Our alumni have pursued successful careers across the public and private sectors, obtaining positions in governmental and non-governmental organizations and fields such as education, foreign service and diplomacy, law, healthcare, global business, international development, and consulting.

Our 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. 407)

Graduate Programs

- Global Studies M.A. (<https://catalog.unc.edu/graduate/schools-departments/global-studies/#programtext>)

Courses

- Global Studies (GLBL) (<https://catalog.unc.edu/courses/glbl/>)

Professors

Inger S B Brodey (English and Comparative Literature), Renée Alexander Craft (Communication), Chad Bryant (History), Mark Driscoll (Asian Studies), Banu Gökarişel (Geography), Liesbet Hooghe (Political Science), Arne Kalleberg (Sociology), Elizabeth Olson (Geography), John Pickles (Geography), Graeme Robertson (Political Science), Meenu Tewari (City and Regional Planning), Milada A. Vachudova (Political Science).

Associate Professors

Andrea F Bohlman (Music), Stephanie DeGooyer (English and Comparative Literature), Lucy Martin (Political Science), Nina Martin (Geography), Townsend Middleton (Anthropology), Michael Morgan

(History), Christopher Nelson (Anthropology), Eunice Sahle (African, African American, and Diaspora Studies), Mark Sorensen (Anthropology), Angela Stuesse (Anthropology), Michael Tsin (History).

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).

Contact Information

Curriculum in Global Studies

Visit Program Website (<http://globalstudies.unc.edu>)
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Global Studies Major, B.A.

Global studies is an interdisciplinary curriculum that brings together diverse perspectives and frameworks to analyze the complex relationships between local, national, and global structures.

The Curriculum in Global Studies provides students with the necessary knowledge and skills to develop effective and innovative responses to some of today's most critical global challenges — such as racial and gender injustice, economic inequality, increasing war and conflict, migration and displacement, and environmental crisis — by training them in a variety of methodologies drawn from multiple academic disciplines and supporting them with internationally renowned faculty across more than ten departments at UNC.

Students choose from one of five thematic areas:

1. International Politics, Nation States, and Social Movements
2. Global Economics, Trade, and Development

3. Global Health and Environment
4. Transnational Cultures, Identities, and Arts
5. Global Justice and Liberation

In addition, students will focus on one geographic area, from among:

1. Africa
2. Asia
3. Latin America
4. Middle East
5. Russia and Eastern Europe
6. Western Europe/the European Union.

Stay up to date on all things UNC Global Studies by following us on Instagram: @uncglobalstudies (<https://catalog.unc.edu/undergraduate/programs-study/global-studies-major-ba/@uncglobalstudies/>).

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 broader global developments
- 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. 711).

Note: Students who enroll in the University in fall 2024 or later will take one methods course and one other core course from the additional core course list (see below). Students who enrolled in fall 2023 or earlier will take two courses from the additional core course list.

Code	Title	Hours
Core Requirements		
GLBL 210	 Global Issues and Globalization	3
One core methodology/methods course		3
AMST 203	 Approaches to American Indian Studies	
FOLK 202	 Everyday Cultures: Folklore in America	

GEOG 124	 Feminist Geographies	
GEOG 391	Quantitative Methods in Geography	
GEOG 392	 Research Methods in Geography	
HIST 395	 Research Related Skills (for 3 credits)	
POLI 285	Applied Experimental Research: Politics in the US and Europe	
POLI 350	 Peace Science Research	
PLCY 310	Microeconomic Foundations of Public Policy	
PLCY 435	Designing for Impact: Social Enterprise Lab	
SOCI 251	 Research Methods	
SOCI 252	 Data Analysis	
Additional core course:		3
ANTH 142	 Local Cultures, Global Forces ^H	
ARTH 150	 The Visual World ^H	
ASIA/RELI 180	 Islam and Muslim Life before 1500	
ASIA/RELI 181	 Islam and Muslim Life since 1500	
COMM 82	 First-Year Seminar: Food Politics from an Organizational Communication Perspective	
DRAM 117	Perspectives in World Drama ^H	
ECON 360	Survey of International and Development Economics ^H	
ENEC 201	 Introduction to Environment and Society ^{H, F}	
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 ^F	
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/PWAD 110	 Global Policy Issues ^H	
POLI 130	 Introduction to Comparative Politics ^{H, F}	
POLI 150	 International Relations and Global Politics ^{H, F}	
SOCI 111	Human Societies ^H	
SOCI 121	 Population Problems	
SOCI/WGST 124	 Sex and Gender in Society	
WGST 281	 Gender and Global Change	
Four courses from one of the following thematic areas ¹		12

Three courses from one of the following world areas ¹	9
Additional Requirements	
Credit for six levels of modern language study. ²	9-10
Total Hours	39-40

^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.

¹ Of the seven courses in the thematic and world area concentrations, five must be numbered 200 and above.

² 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	 Sustainable Development: Emergence, Debates, and Dynamics in Africa	3
AAAD 403	 Human Rights: Theories and Practices in Africa	3
AMST 277	 America's Role in the Global Environment	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
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 ^F	3
GLBL 383	 Global Whiteness	3
GLBL 401	 Right Wing Populism in Global Perspective ^H	3
GLBL 415	Dealing with Difference: Criminal Justice, Race, and Social Movements in Globalization ^H	3
GLBL 450	 Social Change in Times of Crisis: Knowledge, Action, and Ontology ^H	3
GLBL 481	 NGO Politics ^H	3
GLBL 487	 Social Movements: Rethinking Globalization ^H	3
GLBL 489	 Paradigms of Development and Social Change ^H	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 ^H	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 ^{H, F}	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 ^H	3
POLI 236	Politics of East-Central Europe ^H	3
POLI 238	 Politics of the Global South: Latin America ^H	3
POLI 239	 Introduction to European Government ^H	3
POLI 252	International Organizations and Global Issues ^H	3
POLI 253	Problems in World Order	3
POLI 255	 International Migration and Citizenship Today ^H	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 ^H	3

POLI 435	 Democracy and Development in Latin America ^H	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 ^H	3
POLI 451	Race, Ethnicity, and Political Change in Comparative Perspective	3
POLI 457	International Conflict Processes	3
POLI 459	Trans-Atlantic Security ^H	3
POLI 470	Social and Political Philosophy ^H	3
POLI 471	Contemporary Political Thought ^H	3
POLI/PWAD 150	 International Relations and Global Politics ^{H, F}	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 ^H	3
PWAD 352	The History of Intelligence Operations	3
PWAD 489	Empire and Diplomacy ^H	3
RELI 181	 Islam and Muslim Life since 1500	3
SOCI 111	Human Societies ^H	3
SOCI 121	 Population Problems	3
SOCI 274	Advocacy Strategies: Communication Across Movements	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
BUSI 611	International Development: Focus on Indigenous Issues	3
ECON 360	Survey of International and Development Economics ^H	3

ECON 434	History of Economic Doctrines	3	ENEC/PLCY 372	Global Environment: Policy Analysis and Solutions	3
ECON 450	Health Economics: Problems and Policy	3	ENEC/GEOG 437	 Social Vulnerability to Climate Change	3
ECON 460	 International Economics	3	ENEC 510	Policy Analysis of Global Climate Change	3
ECON 461	European Economic Integration	3	ENGL 268	 Medicine, Literature, and Culture ^H	3
ECON 465	 Economic Development	3	ENVR 600	Environmental Health	3
ECON 468	Socialism, Planning, and the Contemporary Russian Economy	3	ENVR 610	Global Environmental Health Inequities	3
ECON 469	 Asian Economic Systems	3	FREN 305	 Healthcare in France and the Francophone World	3
ECON 560	 Advanced International Economics	3	GEOG 212	 Environmental Conservation and Global Change	3
GEOG 428	 Global Cities: Space, Power, and Identity in the Built Environment	3	GEOG 222	Health and Medical Geography	3
GEOG 453	 Political Geography	3	GEOG 237	Natural Resources	3
GEOG 458	Urban Latin America: Politics, Economy, and Society	3	GEOG 269	 Human-Environment Interactions in the Galapagos Islands	3
GEOG 460	 Geographies of Economic Change	3	GEOG 334	Human Ecology of Health and Disease	3
GEOG 464	Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe	3	GEOG 435	 Global Environmental Justice	3
GLBL 413	 Socialist and Decolonial Ecologies	3	GEOG 437	 Social Vulnerability to Climate Change	3
PLAN 574	Political Economy of Poverty and Inequality	3	GEOG 446	Geography of Health Care Delivery	3
PLAN 773	Economic Development Seminar	3	GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources ^H	3
POLI 435	 Democracy and Development in Latin America ^H	3	GEOG/ENEC 451	 Population, Development, and the Environment	3
POLI 442	 International Political Economy	3	GLBL 483	 Comparative Health Systems ^H	3
SOCI 58	 First-Year Seminar: Globalization, Work, and Inequality	3	HPM 660	International and Comparative Health Systems	3
			MHCH 610	Issues in Maternal and Child Health	3
			PLCY 661	Global Health Law & Policy	3
			SOCI 469	Health and Society	3
			WGST 388	 The International Politics of Sexual and Reproductive 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.




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 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 for Food, Energy, and Health ^H	3-4
ENEC 330	Principles of Sustainability	3
ENEC 370	Agriculture and the Environment ^H	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 Justice and Liberation
















Code	Title	Hours
AAAD 200	 Gender and Sexuality in Africa	3
AAAD 391	 Human Development, Sustainability and Rights in Africa and the African Diaspora	3
AAAD 461	 Race, Gender, and Activism in Cuba	3
ANTH 427	 Race	3
ANTH 461	Colonialism and Postcolonialism: History and Anthropology	3
CMPL 442	 Postcolonial Literature of the Middle East	3
GEOG 124	 Feminist Geographies	3
GEOG 435	 Global Environmental Justice	3
GEOG 480	 Liberation Geographies	3
GLBL 435	 Love and Liberation: Spirituality and Social Change, a Global Perspective ^H	3
GLBL 450	 Social Change in Times of Crisis: Knowledge, Action, and Ontology ^H	3

HIST 110	 Introduction to the Cultures and Histories of Native North America	3
HIST 278	 The Trans-Atlantic Slave Trade ^H	3
WGST 211	 Introduction to Latina Feminisms: Literature, Theory, and Activism	3
WGST 352	 Rahtid Rebel Women: An Introduction to Caribbean Women	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.











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 Climate Change	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 ^H	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 ^H	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 ^H	3
RELI 284	 The Buddhist Tradition: East Asia	3
RELI 285	 Monks, Magic, & Meditation: Theravada Buddhism Across Space and Time	3
RELI 345	 Black Atlantic Religions ^H	3
RELI 428	Religion and Anthropology ^H	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

^H 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	 Sustainable Development: Emergence, Debates, and Dynamics 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, Sustainability and Rights 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 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 ^H	3
POLI 431	African Politics and Societies	3
WGST/HIST 313	 Women and the Law in Africa and the Middle East	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 288	 Modern Japan	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	 Global Korea: Migration, Identity, and Community in the Korean Diaspora	3
KOR 346	 Body Politics in Modern Korean Literature ^H	3
PHIL 213	 Asian Philosophy	3
RELI 285	 Monks, Magic, & Meditation: Theravada Buddhism Across Space and Time	3
RELI 287	 Modern Japanese Religions	3
RELI 288	 Chinese Religions	3








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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
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
ASIA 231	 Bollywood Cinema	3
ASIA 261	 India and Orientalism	3
ASIA 262	 Nation, Film, and Novel in Modern India	3
ASIA/RELI 285	 Monks, Magic, & Meditation: Theravada Buddhism Across Space and Time	3
ASIA 331	 Cracking India: Partition and Its Legacy in South Asia ^H	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

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








Latin America

Code	Title	Hours
AAAD 260	 Blackness 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 ^H	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 ^H	3
POLI 434	Politics of Mexico	3
POLI 435	 Democracy and Development in Latin America ^H	3
POLI 450	Contemporary Inter-American Relations ^H	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
















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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	 Islam and Muslim Life before 1500	3
RELI 181	 Islam and Muslim Life since 1500	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
ARTH 152	 Art in Life: An Introduction to Western Art from the Renaissance to the Modern Period ^H	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	 Europe and the World Since 1900	3
EURO 270	 Religion in Western Europe ^H	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 302	 Advanced Written German: Vielfalt in Analytic and Creative Writing	3
GERM 382	Representations of Violence and Terrorism in Contemporary German Literature and Film	3
GERM 560	 20th-Century German Philosophy and Modern Youth Cultures	3
GSLI 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 ^H	3
POLI 433	Politics of the European Union ^H	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

^H 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 ^H	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 ^H	3
POLI 236	Politics of East-Central Europe ^H	3
POLI/PWAD 469	^H Conflict and Intervention in the Former Yugoslavia	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
SLAV 248	Childhood and Adolescence in Slavic Literature ^H	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 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.

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
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)	3
IDST 111L  Data Literacy Lab	1
Foreign language level 1 (language 1)	4

Foreign language level 2 (language 1)	4
Major Courses	
Core course #1	3
Hours	19
Sophomore Year	
GLBL 210  Global Issues and Globalization ¹	3
Foreign language level 3 (language 1)	3
Foreign language level 4 (language 1)	3
Core methodology/methods course	3
Theme/area course (2 courses)	6
Hours	18
Junior Year	
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
Hours	15
Senior Year	
Theme/area courses (2 courses)	6
Hours	6
Total Hours	58

¹ 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 their 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.

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 pre-approved.

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>)
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Department of Health Behavior

Introduction

In 2024, the department received approval to begin a new bachelor of public health (B.S.P.H.) program focused on community and global public health, designed to prepare students to work in partnership with local and global communities to identify, assess, and address health problems and to achieve health equity. The new program, commencing in academic year 2025–2026, aligns with the mission of UNC–Chapel Hill by ensuring students acquire the knowledge and skills needed to collaboratively address public health issues in North Carolina and with global partners. The department has a strong record of local and global community engagement that will be extended to undergraduate training.

Public health challenges that threaten public safety, economic growth, and security, including climate change, water crises, the opioid epidemic,

and the coronavirus pandemic, have sparked students' interest in understanding the systems and behaviors that contribute to these challenges. The program will give students skills to improve health behaviors (e.g., vaccination, illicit drug use, hand washing) and develop structural interventions in partnership with the local and global communities where people live, learn, work, and play.

Upon graduation, students will be prepared for either entry-level positions at public health or related organizations (e.g., non-profits, community-based organizations, government) or for advanced degree programs (e.g., graduate school, medical school).

Advising and Mentoring

Student Orientation: B.S.P.H. advising begins with student orientation at the beginning of the first fall semester. After general orientation activities, the CGPH students will have separate orientation sessions with the program director and B.S.P.H. instructors to welcome them and provide an overview of departmental and school resources along with expectations for the program. As part of the orientation, students receive copies of the B.S.P.H. handbook, which details requirements, policies, and procedures.

Academic Coordinator (AC): Academic coordinators are student affairs professionals who have expert knowledge of the degree requirements within each program of study and a working knowledge of academic options and resources at Gillings and throughout the University. The AC will be available to students by email, appointment, or drop-in hours. ACs serve as primary academic advisors for students, helping them navigate academic policies, procedures, program requirements, and campus resources. They also assist with necessary paperwork including registration information and processes, policy exceptions, transfer requests, and continuous enrollment or leaves of absence.

Cohort Advising. Students will receive cohort advising and this is an effective mechanism for disseminating timely information (e.g., course registration, support services, elective and course guidance, graduation requirements, etc.) that is relevant to all students in the cohort. In addition, this helps foster a supportive community environment. We will have opportunities for a series of "lunch and learn" where students can receive information from doctoral students, faculty, and other public health professionals.

Graduate School and Career Opportunities

Upon graduation, students will be prepared for either entry-level positions at public health or related organizations (e.g., nonprofits, community-based organizations, government) or for advanced degree programs (e.g., graduate school, medical school). As students begin to graduate from this program beginning in 2027, we will have the opportunity to track our graduates' future steps and successes and share them with current students.

Major

- Community and Global Public Health Major, B.S.P.H. (p. 417)

Courses

- Health Behavior (HBEH) (<https://catalog.unc.edu/courses/hbeh/>)

Professors

Clare Barrington, Global Health, Infectious Diseases, Minority Health, Sexually Transmitted Diseases

Noel Brewer, Biases in Health Decisions, Health Communication, Decision Making, Cancer Prevention and Control

Edwin Fisher, Diabetes, Community and Peer Interventions, Chronic Disease Management, Smoking and Smoking Cessation

Vivian Go, Global Health, Opiates, HIV/AIDS, Sexually Transmitted Diseases, Substance Abuse, Violence Prevention

Carol Golin, Adherence to Chronic Medical Therapy, Patient-Provider Communication, Medical Decision Making for HIV Therapy and Prevention

Laura Linnan, Applied Research in Worksites and Other Community-Based Settings, Multiple Risk Factor Behaviors, Organizational Change

Suzanne Maman, HIV/AIDS, Global Health, Associations Between HIV and Violence

Kurt Ribisl, Tobacco Control Policy, Built Environment and Health, Cancer Prevention and Control

Deborah Tate, Obesity, Computer/Internet Interventions, Health Communication

Associate Professors

Lynn White Blanchard, Research Around Public Service (Including Community Partnerships and Collaborations), Program Evaluation, Service Learning

Liz Chen, Adolescent Health, Design Thinking, Technology

Carolyn Crump, Worksites Health Promotion and Evaluation, Program Planning, Management

Melissa Gilkey, Adolescent Health, Cancer Prevention, Health Services Research, Barriers to Vaccination

Shelley Golden, Public Policies and Health Behavior, Tobacco Policy, Place-Based Health

Abigail Hatcher, Interventions for Intimate Partner Violence

Larissa Jennings Mayo-Wilson, Adolescent Health, Sexual and Reproductive Health, Economic/Mobile Health Interventions

Alexandra Lightfoot, Community-Based Participatory Research, Health Disparities, Healthy Choices and Behaviors to Support the Growth and Development of Youth, Educational Inequities

K. Elizabeth (Beth) Morocco, Women's Health, Violence Against Women, Evaluation Research

H. Luz McNaughton Reyes, Adolescent Health, Reproductive Health, Global Health

Nora Rosenberg, HIV/AIDS, Adolescent Health, Global Health, Women's Health, Sexual Behavior

Assistant Professors

Kristin Black, Reproductive Health, Health Equity, Community Engagement

Melissa Cox, Adolescent Health, Alcohol Use, Place-Based Health

Dane Emmerling, Pedagogy, Health Equity

Marissa Hall, Cancer Prevention Policy, Chronic Disease, Obesity Prevention

Lauren Hill, HIV/AIDS, Global Health

Megan Ellenson Landfried, Community Engagement, Culturally Relevant Interventions

Yesenia Merino, Health Equity, Community Engagement, Pedagogy

Sarah Mills, Racial/Ethnic and Socioeconomic Disparities in Tobacco Use, Tobacco-Related Disease

Patsy Polston, Community Engagement, Health Inequities

Natalicio Serrano, Physical Activity, Neighborhood Environments, Health Equity

Deshira Wallace, Cardiovascular Disease, Type 2 Diabetes, U.S. Latin and Latin American Health

Contact Information

Department of Health Behavior

Visit Program Website (<https://sph.unc.edu/hb/health-behavior-home/>)
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Academic Program Support Specialist

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Community and Global Public Health Major, B.S.P.H.

The BSPH program in Community and Global Public Health (CGPH) prepares students to work in partnership with local and global communities to identify, assess, and address health challenges while advancing health equity. Recognizing that health challenges and their solutions transcend borders, the program emphasizes community-driven, sustainable health interventions that address a broad range of health behaviors in local and global settings.

The curriculum is rooted in high-impact, community-centered practices, incorporating team-based learning, experiential education, and interdisciplinary perspectives. Students engage with diverse viewpoints on public health topics, equipping them to develop evidence-based behavioral and structural interventions that improve health in the communities where people live, learn, work, and play.

Through a focus on community partnership and health equity, students gain the skills to:

- Assess public health research
- Identify root causes of health issues
- Address social and structural barriers that shape health outcomes
- Design, implement, and evaluate health behavior interventions
- Collaborate with communities to co-create solutions tailored to their strengths, needs, and priorities

The program also provides specialized training in data-driven, community-based, and systems-level public health approaches, preparing graduates to engage and lead meaningful and sustainable health initiatives.

Students complete the program in a cohort of approximately 40 students, fostering a strong sense of community and collaboration within the program and department. The supportive learning

environment encourages teamwork, mentorship, and personal growth, empowering students to become future public health leaders.

Student Learning Outcomes

Upon completion of the B.S.P.H. program in community and global public health, students should be able to demonstrate the following competencies:

Community and Global Public Health Knowledge and Skills

- Implement principles of community-engaged public health practice and identify strategies to involve communities in public health policies and programs
- Investigate the determinants that impact health and contribute to health inequities
- Examine how quantitative and qualitative data are used to inform intervention development, adaptation, evaluation, and dissemination aligned with community needs and priorities
- Develop and apply skills to enable collaboration with diverse teams from local and global communities and engage with complex problems to promote holistic health, justice, and health equity

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 BSPH 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 ^{H, F}	4
One of the following courses:		3-4
MATH 130	 Precalculus Mathematics ^F	
MATH 152	 Calculus for Business and Social Sciences ^F	
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	
One of the following courses:		3
SOCI 101	 Sociological Perspectives ^{H, F}	
PSYC 101	 General Psychology ^F	
ANTH 102	 Introduction to Cultural Anthropology	
Total Hours		10-11

^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 five undergraduate majors: biostatistics, community and global public health, 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 their sophomore year for admission beginning in the fall of their junior year.

For current UNC–Chapel Hill students, additional information on application deadlines and how to apply can be found on 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 (<https://admissions.unc.edu/apply/types-of-applications/transfer/>) using the Transfer Common application.

For high school seniors, our five 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 2025–2026 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 sections of the catalog (p. 711).

Code	Title	Hours
Core Requirements ¹		
Public health core courses:		
SPHG 351	Foundations of Public Health	3
SPHG 352	Public Health Systems and Solutions	4
BIOS 600	Principles of Statistical Inference	3
EPID 600	Principles of Epidemiology for Public Health	3
Health Behavior courses:		
HBEH 510	Foundations of Equity, Ethics, and Engagement in Public Health	3
HBEH 520	Introduction to Global Health	3
HBEH 531	Community Engagement and Assessment to Advance Health Equity and Social Justice	3
HBEH 532	Development and Evaluation of Health Behavior Interventions	4
HBEH 555	Collaboration & Community Organizing in Public Health: A Community Based Culminating Experience	4
HBEH 571	Global Health and Human Rights	3
Three additional elective courses chosen from the list below.		9
Additional Requirements ²		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
One of the following courses:		3-4
MATH 130	 Precalculus Mathematics ^F	
MATH 152	 Calculus for Business and Social Sciences ^F	
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	
One of the following courses:		3
SOCI 101	 Sociological Perspectives ^{H, F}	
PSYC 101	 General Psychology ^F	

ANTH 102	 Introduction to Cultural Anthropology
Total Hours	52-53

^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.

¹ Requires a grade of C (not C-) or better.

² Prerequisite courses required for admission.

Code	Title	Hours
Suggested Elective Courses ¹		
ANTH 142	 Local Cultures, Global Forces ^H	3
BUSI 405	 Leading and Managing: An Introduction to Organizational Behavior	3
BUSI 406	Marketing	3
BUSI 510	The Challenge of Healthcare: A System Overview	1.5
BUSI 521	Design Thinking: The Innovation Process for Complex Problems	3
BUSI 529	Intercultural Communication in the Global Workplace	1.5
BUSI 555	Groups and Teams in Organizations	1.5
COMM 223	 Small Group Communication	3
GEOG 130	 Development and Inequality: Global Perspectives ^F	3
GEOG 141	 Geography for Future Leaders	3
GLBL 210	 Global Issues and Globalization	3
GLBL 483	 Comparative Health Systems ^H	3
NUTR 245	Sustainable Local Food Systems: Intersection of Local Foods and Public Health	3
NUTR 250	Global Sustainable Food Systems	3
NUTR 405	Fundamentals of Food and Nutrition Policy in Public Health	3
PLAN 101	 Cities and Urban Life	3
PLCY/PWAD 110	 Global Policy Issues ^H	3
SOCI 172	 Introduction to Population Health in the United States	3
SOCI 180	 Introduction to Global Population Health	3
SOCI 422	 Sociology of Mental Health and Illness	3
SOCI 469	Health and Society	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.

¹ Additional electives may be taken with the approval of the Program Director and Academic Coordinator.

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
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)		3
IDST 111L	 Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Major Courses		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
One of the following courses:		3-4
MATH 130	 Precalculus Mathematics ^F	
MATH 152	 Calculus for Business and Social Sciences ^F	
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	
Hours		15-16
Sophomore Year		
One of the following courses:		3
SOCI 101	 Sociological Perspectives ^{H, F}	
PSYC 101	 General Psychology ^F	
ANTH 102	 Introduction to Cultural Anthropology	
Hours		3
Junior Year		
Fall Semester		
HBEH 510	Foundations of Equity, Ethics, and Engagement in Public Health	3
HBEH 520	Introduction to Global Health	3
SPHG 351	Foundations of Public Health	3
EPID 600	Principles of Epidemiology for Public Health	3
Hours		12
Spring Semester		
HBEH 531	Community Engagement and Assessment to Advance Health Equity and Social Justice	3

SPHG 352	Public Health Systems and Solutions	4
BIOS 600	Principles of Statistical Inference	3
—	Elective course #1	3
Hours		13
Senior Year		
Fall Semester		
HBEH 532	Development and Evaluation of Health Behavior Interventions	4
HBEH 555	Collaboration & Community Organizing in Public Health: A Community Based Culminating Experience	4
HBEH 691H	Honors Research (optional)	3
Hours		11
Spring Semester		
HBEH 571	Global Health and Human Rights	3
—	Elective course #2	3
—	Elective course #3	3
HBEH 692H	Honors Research (optional)	3
Hours		12
Total Hours		66-67

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 Community and Global Public Health

Experiential Education

HBEH 555 is an experiential education course students take during the fall of their senior year with a 150-hour internship with a partner organization, providing hands-on experience in community-centered public health.

Honors Research Courses

The Community and Global Public Health major provides an opportunity for honors thesis study for qualified students. To be eligible for admission to the honors thesis program students must have, at a minimum, a cumulative grade point average of 3.3 or higher and a 3.5 grade point average or higher in the major at the beginning of their senior year and must maintain the grade point average throughout the major if they intend to pursue honors. Students must have an approved thesis concept prior to enrolling in the honors thesis course series. Students will take HBEH 691H (3 credits) in the fall semester of their senior year and then complete HBEH 692H (3 credits) in the spring semester.

Study Abroad

There are several opportunities for pursuing study abroad programs in the summers or before matriculating to the BSPH in CGPH both through the department and through the UNC Study Abroad Office (<https://studyabroad.unc.edu/>).

Identification of a study abroad program early in the student's career is necessary for course planning purposes.

B.S.P.H. in Community and Global Public Health Ambassadors

Current student ambassadors for the bachelor of science in public health program in community and global public health 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.

Contact Information

Department of Health Behavior

Visit Program Website (<https://sph.unc.edu/hb/health-behavior-home/>)
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Department of Health Policy and Management

Introduction

Health policy and management students are motivated to improve individual and population health, advance health equity, and strengthen access to the resources needed to be healthy through effective policy and management of health-related organizations and programs. Our B.S.P.H. program prepares students with a strong public health foundation, in-depth knowledge of the U.S. health system, and essential analytical, teamwork, and management skills, who pursue careers as health leaders, managers, policymakers, practitioners, clinicians, 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. 421)

Courses

- Health Policy and Management (HPM) (<https://catalog.unc.edu/courses/hpm/>)

Professors

Antonia Bennett, Bill Gentry, Kristen Hassmiller Lich, George Mark Holmes, Valerie Lewis, Benjamin Meier, Jonathan Oberlander, Kristin Reiter, Chris Shea, Justin Trogon, Karen Volmar, Lynne Wagner, Stephanie Wheeler.

Associate Professors

Leah Frerichs, Susan Helm-Murtagh, Lindsey Haynes-Maslow, Erin Kent, Angela Stover, Sean Sylvia, Kat Tumlinson, Karl Umble.

Assistant Professors

Samuel Baxter, Arrianna Planey, Mya Roberson, Jeffrey Simms, Melanie Studer, Tara Templin, Elizabeth Tomlinson, Lauren Wallace, Ciara Zachary.

Professor of the Practice

John Wiesman.

Adjunct Professor

David Zepeda.

Adjunct Instructor

Franklin Farmer.

Professors Emeriti

Edward Brooks, Laurel Files, Sagar Jain, Arnold Kaluzny, Joe Morrissey, John Paul, Morris Weinberger, William Zelman.

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/>)

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(919) 966-7350

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Program Director

Melanie Studer
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Academic Coordinator

Jennifer Joyce Moore
jenjoyce@email.unc.edu

Academic Program Support Coordinator

Danielle Lehner
lehner@unc.edu

Health Policy and Management Major, B.S.P.H.

Health policy and management students are motivated to improve individual and population health, advance health equity, and strengthen access to the resources needed to be healthy through effective policy and management of health-related organizations and programs. Our B.S.P.H. program prepares students with a strong public health foundation, in-depth knowledge of the U.S. health system, and essential analytical, teamwork, and management skills, who pursue careers as health leaders, managers, policymakers, practitioners, clinicians, and researchers.

The curriculum includes a combination of core public health courses, required courses in health policy and management, an eight-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/hpm/hpm-degrees-and-certificates/bachelor-of-science-in-public-health-bsph/>).

Admission (<https://catalog.unc.edu/undergraduate/programs-study/health-policy-management-major-bsph/#admissiontext>) 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 ^{H, F}	4
ECON 101	 Introduction to Economics ^{H, F}	4
One of the following courses:		3-4
STOR 120	 Foundations of Statistics and Data Science ^{H, F}	3-4
STOR 155	 Introduction to Data Models and Inference ^{H, F}	
One of the following courses:		3-4
MATH 130	 Precalculus Mathematics ^F	3-4
MATH 152	 Calculus for Business and Social Sciences ^F	
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	3-4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	3-4
STOR 113	 Decision Models for Business and Economics	
Total Hours		14-16

- ^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 five undergraduate majors: biostatistics, community and global public health, 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 their sophomore year for admission beginning in the fall of their junior year.

For current UNC–Chapel Hill students, additional information on application deadlines and how to apply can be found on 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 (<https://admissions.unc.edu/apply/types-of-applications/transfer/>) using the Transfer Common application.

For high school seniors, our five 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 2025–2026 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. 711).

Code	Title	Hours
Core Requirements		
Public Health Core Courses: ¹		
BIOS 600	Principles of Statistical Inference	3
or ECON 400	 Introduction to Data Science and Econometrics	
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: ¹		
HPM 501	HPM BSPH Professional Development Seminar	1
HPM 502	Introduction to the U.S. Health System I	3
HPM 503	 Introduction to the U.S. Health System II	3
HPM 510	 Introduction to Health Law and Ethics	3
HPM 520	Introduction to Strategic Planning and Marketing in Health Care	3
HPM 530	Introduction to Health Organization Leadership, Management, and Behavior	3
HPM 540	Foundations of Health Care Financial Management	3
HPM 541	Information Systems, Technology, and Tools in Health Care	3
HPM 570	Politics, Public Health, and Health Policy	3
HPM 593	 Internship in Health Policy and Management (requires a \$400.00 field training fee)	2
HPM 697	 Health Policy and Management BSPH Capstone	3
Additional Requirements ²		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
ECON 101	 Introduction to Economics ^{H, F}	4
STOR 120 or STOR 155	 Foundations of Statistics and Data Science ^{H, F} or  Introduction to Data Models and Inference	3-4
One of the following courses:		3-4
MATH 130	 Precalculus Mathematics ^F	

MATH 152	 Calculus for Business and Social Sciences ^F
MATH 231	 Calculus of Functions of One Variable I ^{H, F}
MATH 232	 Calculus of Functions of One Variable II ^{H, F}
MATH 233	 Calculus of Functions of Several Variables ^{H, F}
STOR 113	 Decision Models for Business and Economics

Total Hours **57-59**













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- ^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.










¹ Requires a grade of C (not C-) or better

² 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
First-Year Foundation Courses		
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 101	 College Thriving	1
IDST 111L	 Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Major Courses		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
ECON 101	 Introduction to Economics ^{H, F}	4
Hours		16
Sophomore Year		
STOR 120 or STOR 155	 Foundations of Statistics and Data Science ^{H, F} or  Introduction to Data Models and Inference	3-4
Select one of the following:		3-4
MATH 130	 Precalculus Mathematics ^F	
MATH 152	 Calculus for Business and Social Sciences ^F	
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	

MATH 233	 Calculus of Functions of Several Variables ^{H, F}	
STOR 113	 Decision Models for Business and Economics	
Hours		6-8
Junior Year		
Fall Semester:		
HPM 501	HPM BSPH Professional Development Seminar	1
HPM 502	Introduction to the U.S. Health System I	3
HPM 541	Information Systems, Technology, and Tools in Health Care	3
SPHG 351	Foundations of Public Health	3
Spring Semester:		
HPM 503	 Introduction to the U.S. Health System II	3
HPM 520	Introduction to Strategic Planning and Marketing in Health Care	3
SPHG 352	Public Health Systems and Solutions	4
Any Semester in the Junior Year:		
EPID 600	Principles of Epidemiology for Public Health ³	3
Any Semester in the Junior or Senior Year:		
BIOS 600	Principles of Statistical Inference ¹	3
or ECON 400	or  Introduction to Data Science and Econometrics	
Hours		26
Senior Year		
Fall Semester:		
HPM 593	 Internship in Health Policy and Management	2
HPM 510	 Introduction to Health Law and Ethics	3
HPM 530	Introduction to Health Organization Leadership, Management, and Behavior	3
HPM 540	Foundations of Health Care Financial Management	3
HPM 691H	 Honors Research I (optional elective)	3
Spring Semester:		
HPM 570	Politics, Public Health, and Health Policy	3
HPM 697	 Health Policy and Management BSPH Capstone	3
HPM 692H	 Honors Research II (optional elective)	3
Hours		23
Total Hours		71-73

^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.

¹ BIOS 600 or ECON 400 can be taken any semester in the Junior or Senior year.

² HPM 593 is completed during the summer between the Junior and Senior year.

³ 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/112/2024/11/Internships-Outcomes-Documents-Document_CO25_v2.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/112/2024/11/Internships-Outcomes-Documents-Document_CO25_v2.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.

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 Consulting Club, 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/>)

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Department of Health Sciences

The mission of the Department of Health Sciences is to improve the health and wellbeing of all people of North Carolina, the nation, and globally through exemplary and culturally sensitive teaching, innovative research, and person-centered care.

- **Exemplary Teaching:** To produce a diverse, interprofessional, and culturally competent workforce of health care practitioners, educators, researchers, and health care leaders.
- **Innovative Research:** To conduct research aimed at generating new knowledge that advances the practices and policies of health care.
- **Person-Centered Care:** To advance the science and practice of person-centered care with a focus on patient outcomes, families, communities, integrative health care, health promotion/disease prevention, and the improvement of overall quality of life.

Throughout our teaching, research, and clinical care, we are committed to engagement with diverse student, faculty, and patient/client populations and to creating an inclusive and equitable environment in which to work and learn.

Majors

- Clinical Laboratory Science Major, B.S. (p. 425)
- Neurodiagnostics and Sleep Science, B.S. (p. 429)
- Radiologic Science, B.S. (p. 432)

Minor

- Speech and Hearing Sciences (p. 435)

Courses

- Clinical Laboratory Sciences (CLSC) (<https://catalog.unc.edu/courses/clsc/>)
- Neurodiagnostics and Sleep Science (NDSS) (<https://catalog.unc.edu/courses/ndss/>)
- Radiologic Science (RADI) (<https://catalog.unc.edu/courses/radi/>)
- Speech and Hearing Sciences (SPHS) (<https://catalog.unc.edu/courses/sphs/>)

Professor

Elizabeth R. Crais, Karen Erickson, John Grose, Katarina Haley, Tara C. Moon, Jordan B. Renner, Stephanie Sjoblad.

Associate Professors

Lisa Domby, Sarah Hess, Adam Jacks, Nancy McKenna, Brenda Mitchell, Joy J. Renner, Devon Weist, Mary Ellen Wells, Sharon W. Williams.

Assistant Professors

Lindsey Byom, Amy Dela Cruz, Julia Drouin, Kenya Haugen, Kimberly Jenkins, Patricia Johnson, Bai Li, Shawn Luby, Hannah Hodson McLean, Lauren Noble, Hannah Siburt, Katrina Steinsultz, Laine Stewart, Sara Taylor, Susan Taylor.

Adjunct Assistant Professor

Melissa Culp.

Instructors

Kristine Barnette, Randy Gay, Caroline Henderson, Susan MacNeela, Wendy Ross.

Professors Emeriti

Charles B. Burns, Janice C. Keene, Robert L. Thorpe.

Contact Information

Department of Health Sciences

Visit Program Website (<https://www.med.unc.edu/healthsciences/>)
Bondurant Hall, CB #7120
(919) 843-4495

Chair

Christopher Ingersoll

Clinical Laboratory Science Major, B.S.

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 2025–2026 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/healthsciences/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/healthsciences/clinical/alumni/>) for examples of careers in clinical laboratory science.

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. 711).

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
Additional Requirements		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	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 ^{H, F}	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
CHEM 241	Modern Analytical Methods for Separation and Characterization ^H	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 ^F	
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	
STOR 151	 Introduction to Data Analysis	
Total Hours		22-24

^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 (<https://www.med.unc.edu/healthsciences/clinical/prospectivestudents/cls-program/applying-to-cls-program/>) 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
Core Requirements		
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 (<https://catalog.unc.edu/undergraduate/departments/division-clinical-laboratory-science/>) 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
Fall Semester		
IDST 101	College Thriving	1
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I (C- or better required) ^{1, H, F}	4
ENGL 105	English Composition and Rhetoric	3
Global language level 1		3
One of the following:		3
MATH 130	Precalculus Mathematics ^{1, F}	
MATH 231	Calculus of Functions of One Variable I ^{1, H, F}	
STOR 151	Introduction to Data Analysis	
Lifetime fitness		1
Hours		15
Spring Semester		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory ^{1, H, F}	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{1, H, F}	4
Global language level 2		3
IDST 111L	Data Literacy Lab	1
First-Year Seminar or First-Year Launch (p. 640)		3
Hours		15
Sophomore Year		
Fall Semester		
CHEM 241 & 241L	Modern Analytical Methods for Separation and Characterization and Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds ^H	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
Hours		16
Spring Semester		
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
Hours		18
Junior Year		
Fall Semester		
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
Hours		14
Spring Semester		
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
Hours		19
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

^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.

¹ FY-Launch options available on designated sections.

Special Opportunities in Clinical Laboratory Science

Departmental Involvement

Student ambassadors in the Department of 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 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>).

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 Kay Johnson, Allene W. Alphin and Jesse C. Alphin CLS 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.

Department Programs

Majors

- Clinical Laboratory Science Major, B.S. (p. 425)
- Neurodiagnostics and Sleep Science, B.S. (p. 429)
- Radiologic Science, B.S. (p. 432)

Minor

- Speech and Hearing Sciences (p. 435)

Courses

- Clinical Laboratory Sciences (CLSC) (<https://catalog.unc.edu/courses/clsc/>)
- Neurodiagnostics and Sleep Science (NDSS) (<https://catalog.unc.edu/courses/ndss/>)
- Radiologic Science (RADI) (<https://catalog.unc.edu/courses/radi/>)
- Speech and Hearing Sciences (SPHS) (<https://catalog.unc.edu/courses/sphs/>)

Contact Information

Department of Health Sciences

Visit Program Website (<https://www.med.unc.edu/healthsciences/>)
Bondurant Hall, CB #7120
(919) 843-4495

Professor and Director

Tara Moon, PhD, MLS(ASCP)CM
tara_moon@med.unc.edu

Student Services Support Specialist

Carolyn Oakes
carolyn_oakes@med.unc.edu

Chair

Christopher Ingersoll

Neurodiagnostics and Sleep Science Major, B.S.

The Neurodiagnostics and Sleep Science (NDSS) major prepares individuals for professional practice in the health specialties of neurodiagnostics and sleep science. The NDSS major also allows current practitioners to continue their professional development, while learning new skills in an increasingly important and rapidly expanding segment of health science.

The emphasis of the curriculum is to enhance and advance the student's professional career in neurodiagnostics and sleep sciences with additional education skills in critical thinking and creative problem solving needed for key leadership, educational, and management positions. The curriculum offers specific professional coursework in advanced methods and monitoring, program administration, and clinical

outcomes evaluation. The program culminates in a capstone experience that is developed around the students' specific professional interest area.

This degree program is offered as a limited residency program that is a combination of both distance education or on-campus through the UNC–Chapel Hill Department of Health Sciences.











Neurodiagnostic and sleep science procedures record and study the electrical activity of the brain, spinal cord, and peripheral nerves, the function of the cardiovascular system, and the function of the respiratory system. A variety of diagnostic tests are performed including recording sleep studies (polysomnograms), recording brain wave activity (electroencephalography), recording responses from peripheral nerve stimulation (nerve conduction velocities), recording stimulus evoked responses from the brain and spinal cord (Evoked Potentials), and monitoring brain and spinal cord activity during surgery (intraoperative monitoring). Therapeutic procedures are also performed including positive airway pressure and supplemental oxygen titration for people with certain sleep disorders such as apnea.



Accreditation

The program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Committee on Accreditation for Polysomnographic Technologist Education (CoAPSG).

Admission to the Program

Students must complete all First-Year Foundation requirements, all Reflection and Integration requirements, and complete at least six Focus Capacity requirements. Please visit IDEAs in Action General Education curriculum (<https://catalog.unc.edu/undergraduate/ideas-in-action/>) for specific information regarding the general education course requirements. Additionally, the following pre-admission math/science courses are required:

Code	Title	Hours
Prerequisite Course List		
MATH 130 or MATH 231	 Precalculus Mathematics ^F  Calculus of Functions of One Variable I	3-4
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
BIOL 252 & 252L	 Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory ^H	4
CHEM 101 & 101L or BIOC 107	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F} Introduction to Biochemistry	4
PHYS 114 or PHYS 118	 General Physics I: For Students of the Life Sciences ^F  Introductory Calculus-based Mechanics and Relativity	4
PHYS 115	 General Physics II: For Students of the Life Sciences ^F	4

or PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta	
PSYC 101	 General Psychology ^F	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.

Transfer Credit Equivalency

The UNC Transfer Credit list provides a list of courses that students have previously transferred to UNC–Chapel Hill from other community college or four-year institutes.

UNC (https://tes.collegesource.com/publicview/TES_publicview01.aspx?rid=ff81c5a2-3ec7-4b31-a7fb-04e2fd5f0345&aid=ca8ebc64-42ca-4a2d-b16b-f8f68bbb6767)–(https://tes.collegesource.com/publicview/TES_publicview01.aspx?rid=ff81c5a2-3ec7-4b31-a7fb-04e2fd5f0345&aid=ca8ebc64-42ca-4a2d-b16b-f8f68bbb6767)Chapel Hill Transfer Credit List (https://tes.collegesource.com/publicview/TES_publicview01.aspx?rid=ff81c5a2-3ec7-4b31-a7fb-04e2fd5f0345&aid=ca8ebc64-42ca-4a2d-b16b-f8f68bbb6767)

Application Process

Application may be submitted prior to completing all course requirements but decisions will be given on a conditional basis if that is the case. All general education requirements need to be completed prior to being admitted.

Applicants will be reviewed using the following criteria:

- Clarity and quality of personal statement
- Academic progress and promise
- Supportive references
- Knowledge of the field

If you need to apply for an F-1 visa, please contact us before you apply to our program.

Application Instructions

Current UNC–Chapel Hill Students (Internal):

Click Apply (<https://connectcarolina.unc.edu/>) and log in to the ConnectCarolina Student Center. In the “other academic” dropdown, select “Apply for Change of Major.” Once you complete and submit this request, you will receive an email with instructions for completing your application.

Transfer Students:

Click Apply (<https://connectcarolina.unc.edu/>):

- Go to the Common Application to create an account and start your application.
- Submit the application, the common application supplement, and the application fee by the deadline.
- Upload the essay requested in your common application supplement.

- Submit the official transcript from all secondary and post-secondary schools to: University of North Carolina at Chapel Hill, Office of Undergraduate Admissions, Jackson Hall, Campus Box 2200, Chapel Hill, NC 27599-2200.
- Arrange to have two letters of recommendation written on your behalf sent to uncsubmit@admissions.unc.edu. Recommendations should be completed by college professors or teaching assistants who are familiar with your academic abilities, work supervisors, or volunteer project supervisors.

You must apply to UNC and to the NDSS program through Undergraduate Admissions. When you indicate that you are applying to the NDSS program, you should also get the NDSS-specific questions on your application.

For more information on application deadlines, please go to our website. (<https://www.med.unc.edu/healthsciences/ndss/the-program/>)

Student Learning Outcomes

Upon completion of the Neurodiagnostics and Sleep Science program, students should be able to:

- Perform as competent entry-level neurodiagnostic and polysomnographic technologists in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.
- Investigate healthcare issues individually and within teams that uniquely involve the overlap of electrophysiology, laboratory science, management, and education.
- Demonstrate leadership skills necessary to oversee electrophysiological and sleep science facilities (laboratory, hospitals, industry, colleges).
- Teach courses related to neurodiagnostic studies and sleep science.
- Exemplify innovation and sound scientific theory for the use of verified methodology and principles of neurodiagnostics and sleep science practice.
- Explain advanced, clinical diagnostic measurements, disease prevention techniques, and theories supporting current neurodiagnostic and sleep science practices.
- Demonstrate effective written and oral communication skills.
- Establish a practical connection between the undergraduate major and the professional world.













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. 711).

The schedule of academic work includes the following General Education requirements that are listed under “Additional Requirements.” Students must complete all First-Year Foundation requirements, all Reflection and 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 found under “Additional Requirements.”

Code	Title	Hours
Additional Requirements		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
BIOL 252 & 252L	 Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory ^H	4
CHEM 101 & 101L or BIOC 107	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F} Introduction to Biochemistry	4
MATH 130 or MATH 231	 Precalculus Mathematics ^F  Calculus of Functions of One Variable I	3
PHYS 114 or PHYS 118	 General Physics I: For Students of the Life Sciences ^F  Introductory Calculus-based Mechanics and Relativity	4
PHYS 115 or PHYS 119	 General Physics II: For Students of the Life Sciences ^F  Introductory Calculus-based Electromagnetism and Quanta	4
PSYC 101	 General Psychology ^F	3
Core Requirements		
NDSS 393	Clinical rotation in Neurophysiology and Polysomnography ¹	2
NDSS 401	Basic Neurophysiology and Sleep for Clinical Neurophysiology ¹	3
NDSS 410	Intro to Basic Sleep and Neurophysiology Instrumentation and Technology ¹	4
NDSS 415L	Polysomnographic and Neurophysiologic Technology/Lab ¹	7
NDSS 420	Pathophysiology of Sleep, Neurological, and Related Disorders	3
NDSS 430	Neurological and Sleep Diagnostic and Therapeutic Methods, and Monitoring	3
NDSS 440	Evidence Based Practice in Neurodiagnostics and Sleep Science	3
NDSS 450	Advanced Sleep and Neurodiagnostic Clinical Procedures	3
NDSS 460	Informational Technology and Analytics in Neurodiagnostics and Sleep Science	3
NDSS 493	Neurodiagnostics and Sleep Science Practicum	3
NDSS 500	Principals and Practice of Healthcare Education	3

NDSS 510	Program Administration: Neurodiagnostics and Sleep Science Department Management	3
NDSS 520	Advanced Physiological Monitoring and Data Acquisition	3
NDSS 530	Leadership in Healthcare Organizations	3
NDSS 593	 Neurodiagnostics and Sleep Science Internship	3
NDSS 697	 Neurodiagnostics and Sleep Science Capstone	3
NDSS 698	 Neurodiagnostics and Sleep Science Capstone II	3
Total Hours		81

^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.

¹ This course is open to all students. Non-degree or prospective students may have the option to take this course prior to applying and receive credit towards the NDSS major once they have applied and been admitted to the program.

Sample Plan

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 specific 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 suggested course sequence for the required pre NDSS courses at UNC–Chapel Hill can be found here (<https://www.med.unc.edu/healthsciences/ndss/the-program/curriculum-2/>). Transfer students receiving placement credit may have a slightly different sequence.

Scholarships and Grants

Students in the Neurodiagnostics and Sleep Sciences degree program are eligible for scholarships and grants that can be found here.

Department Programs

Majors

- Clinical Laboratory Science Major, B.S. (p. 425)
- Neurodiagnostics and Sleep Science, B.S. (p. 429)
- Radiologic Science, B.S. (p. 432)

Minor

- Speech and Hearing Sciences (p. 435)

Courses

- Clinical Laboratory Sciences (CLSC) (<https://catalog.unc.edu/courses/clsc/>)
- Neurodiagnostics and Sleep Science (NDSS) (<https://catalog.unc.edu/courses/ndss/>)
- Radiologic Science (RADI) (<https://catalog.unc.edu/courses/radi/>)
- Speech and Hearing Sciences (SPHS) (<https://catalog.unc.edu/courses/sphs/>)

Contact Information

Department of Health Sciences

Visit Program Website (<https://www.med.unc.edu/healthsciences/>)
Bondurant Hall, CB #7120
(919) 843-4495

Program Director

Mary Ellen Wells
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Chair

Christopher Ingersoll

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 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 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 Department of Health Sciences 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 Department of Health Sciences 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 2025–2026 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 Radiologic Science is available to meet with current and prospective majors by appointment (see contact information above). The department'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 (<https://www.med.unc.edu/healthsciences/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.

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. 711).

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
Quantitative reasoning requirement:		3-4
MATH 130	Precalculus Mathematics ^F	
or MATH 231	Calculus of Functions of One Variable I	
Six courses in the physical and life sciences		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory ^{H, F}	4
BIOL 252 & 252L	Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory ^H	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{H, F}	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 ^F	8
PSYC 101	General Psychology ^F	3
Total Hours		26-27

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

^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 (<https://catalog.unc.edu/undergraduate/departments/division-radiologic-science/>) 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
Summer Session II (Junior Year)		
RADI 440	Gross Anatomy for Health Sciences	3
RADI 442	Introduction to Radiologic Science	3
Junior Year Fall Semester		
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

Junior Year Spring Semester

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
Summer Session I and II (Senior Year)		
RADI 574	Clinical Education III	3
RADI 575	Clinical Education IV	5

Senior Year Fall Semester

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

Senior Year Spring Semester

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

Total Hours**72-74**

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.

Department Programs

Majors

- Clinical Laboratory Science Major, B.S. (p. 425)
- Neurodiagnostics and Sleep Science, B.S. (p. 429)
- Radiologic Science, B.S. (p. 432)

Minor

- Speech and Hearing Sciences (p. 435)

Courses

- Clinical Laboratory Sciences (CLSC) (<https://catalog.unc.edu/courses/clsc/>)
- Neurodiagnostics and Sleep Science (NDSS) (<https://catalog.unc.edu/courses/ndss/>)
- Radiologic Science (RADI) (<https://catalog.unc.edu/courses/radi/>)
- Speech and Hearing Sciences (SPHS) (<https://catalog.unc.edu/courses/sphs/>)

Contact Information

Department of Health Sciences

Visit Program Website (<https://www.med.unc.edu/healthsciences/>)
Bondurant Hall, CB #7120
(919) 843-4495

Director

Joy Renner
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Chair

Christopher Ingersoll

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/healthsciences/sphs/>).

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/healthsciences/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. 711).

Code	Title	Hours
Core Requirements		
SPHS 510	Introduction to Communication Disorders (spring only)	3
SPHS 530	Introduction to Phonetics (fall 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 540	Speech Science (spring only)	3
Total Hours		15

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 510) early in the sequence and in speech science (SPHS 540) last in the sequence.

With permission of the program director, SPHS 520, SPHS 521, or SPHS 583 may be substituted for SPHS 510.

Department Programs

Majors

- Clinical Laboratory Science Major, B.S. (p. 425)
- Neurodiagnostics and Sleep Science, B.S. (p. 429)
- Radiologic Science, B.S. (p. 432)

Minor

- Speech and Hearing Sciences (p. 435)

Courses

- Clinical Laboratory Sciences (CLSC) (<https://catalog.unc.edu/courses/clsc/>)
- Neurodiagnostics and Sleep Science (NDSS) (<https://catalog.unc.edu/courses/ndss/>)
- Radiologic Science (RADI) (<https://catalog.unc.edu/courses/radi/>)
- Speech and Hearing Sciences (SPHS) (<https://catalog.unc.edu/courses/sphs/>)

Contact Information

Department of Health Sciences

Visit Program Website (<https://www.med.unc.edu/healthsciences/>)
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Chair

Christopher Ingersoll

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. 437)

Minors

- History Minor (p. 446)

Graduate Programs

- M.A. in History (<https://catalog.unc.edu/graduate/schools-departments/history/>)
- Ph.D. in History (<https://catalog.unc.edu/graduate/schools-departments/history/>)

Courses

- History (HIST) (<https://catalog.unc.edu/courses/hist/>)

Professors

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Assistant Professors

Ana Maria Silva Campo, Raquel Escobar, Camille Goldmon, Jennifer Grayson, Henry Gruber, Jens-Uwe Guettel, Antwain Hunter.

Teaching Professors

Matthew Andrews, Joseph W. Caddell.

Teaching Assistant Professor

Max Owre.

Joint Professors

Claude Clegg, Morgan J. Pitelka, Daniel J. Sherman.

Adjunct Professors

Daniel M. Cobb, Kenneth Janken.

Adjunct Associate Professors

Jessica A. Boon, Christian C. Lentz, Raúl Necochea.

Professors Emeriti

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, Konrad H. Jarausch, John F. Kasson, Richard H. Kohn, Lloyd S. Kramer, William E. Leuchtenburg, Fred S. Naiden, Donald G. Mathews, Genna Rae McNeil, Louise McReynolds, Michael R. McVaugh, John K. Nelson, Theda Perdue, Cynthia Radding, Donald J. Raleigh, John E. Semonche, Richard Talbert, Harry L. Watson, Gerhard L. Weinberg.

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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. 711).

Code	Title	Hours
Core Requirements		
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.) ^H	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.

- 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.).














Field According to Topic

Code	Title	Hours
HIST 190	Special Topics in History	3
HIST 291	 Putting Literature and History in Dialogue ^H	3
HIST 390	Special Topics in History ^H	3
HIST 398	 Undergraduate Seminar in History ^H	3
HIST 490	Special Topics in History ^H	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 ^H	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 before 1800 through Digital History	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 ^H	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 ^H	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 ^H	3
HIST 279	 Modern South Africa ^H	3
HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
HIST 282	 China in the World	3
HIST 284	Late Imperial China	3
HIST 285	 20th-Century China	3
HIST 288	Modern Japan	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 ^H	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 ^H	3
HIST 534	Slavery and the US Civil War ^H	3
HIST 535	Women and Gender in African History ^H	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

^H 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 ^H	3
HIST 526	History of the Andes	3
HIST 531	History of the Caribbean	3
HIST 532	History of Cuba	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.

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 ^H	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

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.


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 ^H	3

HIST 81	 First-Year Seminar: Diaries, Memoirs, and Testimonies of the Holocaust	3	HIST 308	The Renaissance and the Jews	3
HIST 84	 First-Year Seminar: Monsters, Murders, and Mayhem in Microhistorical Analysis: French Case Studies ^H	3	HIST 309	Old Regime France, 1661-1787	3
HIST 85	 First-Year Seminar: What Concentration Camp Survivors Tell Us ^H	3	HIST 310	The French Revolution	3
HIST 104	Introduction to Major Problems in European History	3	HIST 320	 Art, History, and the Modern Museum	3
HIST 151	 European History to 1650	3	HIST 325	Food and History	3
HIST 152	European History since 1650	3	HIST 332	Identity and Community in Modern Jewish History: The Case of Durham	3
HIST 153	 From the Bible to Broadway: Jewish History to Modern Times	3	HIST 334	Rasputin's Russia: Erotic, Decadent, Revolutionary	3
HIST 158	 Early Modern European History, 1450-1815	3	HIST 347	Fascist Challenge in Europe, 1918-1945	3
HIST 159	 Europe and the World Since 1900	3	HIST 348	History of Migration	3
HIST 161	 Russia Becomes an Empire	3	HIST 353	Cinema, Culture, and Society	3
HIST 162	 Russia under the Last Tsars and Soviet Commissars	3	HIST 354	War and Gender in Movies ^H	3
HIST 164	 Victorian Britain: From Slavery to South African War	3	HIST 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3
HIST 165	 20th Century Britain: from the Great War to Brexit	3	HIST 453	Mediterranean Societies and Economics in the Renaissance World	3
HIST 177H	Honors Seminar in Early European History	3	HIST 454	The Reformation	3
HIST 178H	Honors Seminar in Modern European History	3	HIST 458	Europe and the World Wars, 1914-1945	3
HIST 205	 War, Diplomacy, and Statecraft, 1618-1815	3	HIST 462	Germany, 1806-1918: Politics, Society, and Culture ^H	3
HIST 206	 War, Diplomacy, and Statecraft, 1815-1945	3	HIST 463	Germany since 1918: Politics, Society, and Culture ^H	3
HIST 251	 The Thirty Years War (1618-1648): Europe in an Age of Crisis	3	HIST 466	Modern European Intellectual History ^H	3
HIST 252	 Politics, Society, and Culture in Modern Germany (1871-1945)	3	HIST 468	 Culture on the Move: Art, Empire, and Restitution since 1800	3
HIST 254	 War and Society in Early Modern Europe	3	HIST 469	European Social History	3
HIST 255	 Manor to Machine: The Economic Shaping of Europe	3	HIST 474	Britain in World Affairs: British Foreign Policy since World War II	3
HIST 256	 France, 1940 to the Present ^H	3	HIST 476	Religion and Ethnicity	3
HIST 257	 Politics, Society, and Culture in Postwar Germany	3	HIST 477	Revolution in Russia, 1900-1930	3
HIST 258	Modern Italy since 1848	3	HIST 478	Stalin and After: The USSR, 1929-Present	3
HIST 259	 Towards Emancipation? Women in Modern Europe	3	HIST 479	History of Female Sexualities	3
HIST 260	 From Kings to Communists: East-Central Europe in the Modern Era ^H	3	HIST 480	 Russia's 19th Century: Cultural Splendor, Imperial Decay	3
HIST 261	France, 1870-1940	3	HIST 481	From Communists to Capitalists: Eastern Europe since 1945	3
HIST 262	 History of the Holocaust: The Destruction of the European Jews	3	HIST 482	Russia, Eurasian Empire	3
HIST 264	Gender in Russian History	3	HIST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History	3
HIST 269	Modern London: Empire, Race, and Culture ^H	3	HIST 486	Extremism, Terrorism, and Security in Postwar Europe ^H	3
HIST 306	 Princes and Reformations in Germany, 1400-1600	3	HIST 500	Gender, Empire, and Nation	3
HIST 307	 Religion, Statecraft, and Enlightenment in Germany, 1600-1815	3	HIST 508	Europe and Humanitarian Aid since 1945: Concepts, Actors, Practices	3
			HIST 510	Human Rights in the Modern World ^H	3
			HIST 516	Historical Time ^H	3
			HIST 517	Gender, Military, and War	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.

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 United States History	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 ^H	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 ^H	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 ^H	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 ^H	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 ^H	3
HIST 382	 The History of the Civil Rights Movement ^H	3
HIST 383	Big-Time College Sports and the Rights of Athletes, 1874 to the Present	3
HIST 384	 America in the Sixties ^H	3
HIST 385	 African American Women's History	3
HIST 459	Global Evangelicalism since 1600	3
HIST 475	History of Feminism ^H	3
HIST 510	Human Rights in the Modern World ^H	3
HIST 517	Gender, Military, and War	3
HIST 562	 Oral History and Performance ^H	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	3

HIST 670	Introduction to Oral History	3
HIST 671	Introduction to Public 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.



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	 The Rise 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 ^H	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 ^H	3
HIST 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3
HIST 453	Mediterranean Societies and Economics in the Renaissance World	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 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 ^H	3
HIST 242	 United States-Latin American Relations	3
HIST 243	 The United States and Africa ^H	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 ^H	3
HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
HIST 282	 China in the World	3
HIST 283	 Chairman Mao's China in World History ^H	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 ^H	3
HIST 330	Jesus and the Jews: From the Bible to the Big Screen ^H	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 ^H	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 ^H	3

HIST 511	9/11 in World History ^H	3
HIST 514	 Monuments and Memory	3
HIST 516	Historical Time ^H	3
HIST 517	Gender, Military, and War	3
HIST 534	Slavery and the US Civil War ^H	3
HIST 538	The Middle East and the West	3
HIST 578	Transatlantic Relations and Contemporary Geo-Politics from the Cold War to the Present	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.

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 ^H	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 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 225	 History of Greece	3
HIST 226	 The Rise of Rome	3










HIST 235	 Native America in the 20th Century	3
HIST 238	 The American Revolution, 1763-1815	3
HIST 244	 History of the American Presidency	3
HIST 252	 Politics, Society, and Culture in Modern Germany (1871-1945)	3
HIST 255	 Manor to Machine: The Economic Shaping of Europe	3
HIST 256	 France, 1940 to the Present ^H	3
HIST 257	 Politics, Society, and Culture in Postwar Germany	3
HIST 260	 From Kings to Communists: East-Central Europe in the Modern Era ^H	3
HIST 272	Modern South Asia	3
HIST 273	 Water, Conflict, and Connection in the Middle East	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 ^H	3
HIST 284	Late Imperial China	3
HIST 309	Old Regime France, 1661-1787	3
HIST 310	The French Revolution	3
HIST 313	 Women and the Law in Africa and the Middle East	3
HIST 335	 Cracking India: Partition and Its Legacy in South Asia ^H	3
HIST 346	Dictators in the 20th Century	3
HIST 352	The Great Depression and Its Legacies ^H	3
HIST 354	War and Gender in Movies ^H	3
HIST 359	The Early American Republic, 1789-1848	3
HIST 364	 History of American Business	3
HIST 365	The Worker and American Life	3
HIST 372	 History of American Politics, 1932-Present ^H	3
HIST 382	 The History of the Civil Rights Movement ^H	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 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3
HIST 462	Germany, 1806-1918: Politics, Society, and Culture ^H	3
HIST 463	Germany since 1918: Politics, Society, and Culture ^H	3
HIST 468	 Culture on the Move: Art, Empire, and Restitution since 1800	3
HIST 481	From Communists to Capitalists: Eastern Europe since 1945	3
HIST 482	Russia, Eurasian Empire	3
HIST 489	 The History of the 2008 Financial Crisis ^H	3

HIST 500	Gender, Empire, and Nation	3
HIST 510	Human Rights in the Modern World ^H	3
HIST 565	Civil War and Reconstruction, 1848-1900	3
HIST 581	American Constitutional History to 1876	3
HIST 582	American Constitutional History since 1876	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.







Religion, Culture, and Intellectual Life

Code	Title	Hours
HIST 50	 First-Year Seminar: Time and the Medieval Cosmos	3
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 74	 First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	3
HIST 107	 Medieval History	3
HIST 108	 Introduction to Early Medieval History 500-1050	3
HIST 110	 Introduction to the Cultures and Histories of Native North America	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 135	 History of the Indian Subcontinent to 1750	3
HIST 138	History of Muslim Societies to 1500	3
HIST 139	 History of Muslim Societies since 1500	3
HIST 153	 From the Bible to Broadway: Jewish History to Modern Times	3
HIST 203	 Empires and Cultures in the Modern World	3
HIST 221	Under Crescent and Cross: Jews in the Medieval World	3
HIST 239	Religion in North America since 1865	3
HIST 247	 Early Modern Japanese History and Culture	3
HIST 249	 Modern Global Christianity	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 257	 Politics, Society, and Culture in Postwar Germany	3
HIST 259	 Towards Emancipation? Women in Modern Europe	3
HIST 263	 Gender and Religion in Premodern Europe ^H	3
HIST 270	Mughal India	3

HIST 271	 Ancient and Medieval Japanese History and Culture	3
HIST 291	 Putting Literature and History in Dialogue ^H	3
HIST 302	 Movies Make History: Films as Primary Sources in Europe and America ^H	3
HIST 306	 Princes and Reformations in Germany, 1400-1600	3
HIST 307	 Religion, Statecraft, and Enlightenment in Germany, 1600-1815	3
HIST 308	The Renaissance and the Jews	3
HIST 311	Ghettos and Shtetls? Urban Life in East European Jewish History ^H	3
HIST 331	Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia	3
HIST 332	Identity and Community in Modern Jewish History: The Case of Durham	3
HIST 333	Love and Politics in Early India	3
HIST 353	Cinema, Culture, and Society	3
HIST 360	 Ideas in Modern America ^H	3
HIST 363	Popular Culture and American History ^H	3
HIST 431	The Medieval Church	3
HIST 432	The Crusades	3
HIST 434	 Medieval England	3
HIST 437	 Aristocratic Culture in the Central Middle Ages	3
HIST 438	 Medieval Masculinities, 500-1200 ^H	3
HIST 442	Religion, Co-existence, and Conflict in Pre-Colonial India	3
HIST 454	The Reformation	3
HIST 459	Global Evangelicalism since 1600	3
HIST 466	Modern European Intellectual History ^H	3
HIST 468	 Culture on the Move: Art, Empire, and Restitution since 1800	3
HIST 483	Nation and Religion in Russia	3
HIST 484	Islam in Tsarist and Soviet Russia	3
HIST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish 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.







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	 Europe and the World Since 1900	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
HIST 246	 The Long Cold War: U.S. Foreign Relations in the 20th and 21st Centuries	3
HIST 248	Guerrillas and Counterinsurgencies in Latin America	3
HIST 251	 The Thirty Years War (1618-1648): Europe in an Age of Crisis	3
HIST 254	 War and Society in Early Modern Europe	3
HIST 266	 Global History of Warfare	3
HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
HIST 307	 Religion, Statecraft, and Enlightenment in Germany, 1600-1815	3
HIST 310	The French Revolution	3
HIST 315	 Nation-Building in Latin America ^H	3
HIST 354	War and Gender in Movies ^H	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 388	Chinese Strategic Thought: Antiquity to the Present	3
HIST 421	Alexander	3
HIST 422	Ancient Greek Warfare ^H	3
HIST 434	 Medieval England	3
HIST 458	Europe and the World Wars, 1914-1945	3
HIST 477	Revolution in Russia, 1900-1930	3
HIST 517	Gender, Military, and War	3
HIST 518	Colloquium in World Military History	3
HIST 536	Revolution in the Modern Middle East	3
HIST 570	The Vietnam War	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.

Women's and Gender History

Code	Title	Hours
HIST 72	 First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory ^H	3
HIST 130	 Modern African History	3
HIST 144	 Women in United States History	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 ^H	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
HIST 438	 Medieval Masculinities, 500-1200 ^H	3
HIST 475	History of Feminism ^H	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 ^H	3
HIST 537	Women in the Middle East	3
HIST 562	 Oral History and Performance ^H	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

^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 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. 437)

Minors

- History Minor (p. 446)

Graduate Programs

- M.A. in History (<https://catalog.unc.edu/graduate/schools-departments/history/>)
- Ph.D. in History (<https://catalog.unc.edu/graduate/schools-departments/history/>)

Courses

- History (HIST) (<https://catalog.unc.edu/courses/hist/>)

Contact Information

Department of History

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

556 Hamilton Hall, CB# 3195

(919) 962-2115

Chair

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Business Manager

Jonathan Woody

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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. 711).

Code	Title	Hours
Core Requirements		
Five history (HIST) courses taken in the Department of History ^{1, 2}		15
Total Hours		15

¹ A maximum of two courses can be numbered below 200.

² 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.).

See the program page here (p. 445) for special opportunities.

Department Programs

Major

- History Major, B.A. (p. 437)

Minors

- History Minor (p. 446)

Graduate Programs

- M.A. in History (<https://catalog.unc.edu/graduate/schools-departments/history/>)
- Ph.D. in History (<https://catalog.unc.edu/graduate/schools-departments/history/>)

Courses

- History (HIST) (<https://catalog.unc.edu/courses/hist/>)

Contact Information

Department of History

Visit Program Website (<http://history.unc.edu>)
556 Hamilton Hall, CB# 3195
(919) 962-2115

Chair

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Business Manager

Jonathan Woody
jfwoody@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. 711).

This interdisciplinary minor requires students to take five classes representing at least three different subject codes.




Code	Title	Hours
Core Requirements		
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 ^H	
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
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.

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
Medieval and Early Modern Studies Course List		
AMST/ANTH 54	First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800 ¹	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 ^{1, H}	3
ARTH 151	History of Western Art I ^H	3
ARTH 264	Medieval Art in Western Europe	3
ARTH 265	Medieval Iconography ^H	3
ARTH 274	European Baroque Art	3
ARTH 450	The City as Monument ^H	3
ARTH 466	History of the Illuminated Book	3
ARTH 471	Northern European Art of the 14th and 15th Centuries	3
ARTH 472	Early Modern Art, 1400-1750 ^H	3
ARTH 490	Special Topics in Art History (based on topic)	3
ASIA/HIST 131	Southeast Asia before 1800 through Digital History	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	3
CLAS/CMPL 364	The Classical Background of English Poetry ^H	3
CMPL 120	Great Books I: Epic and Lyric Traditions	3
CMPL 121	Great Books I: Romancing the World ^H	3
CMPL 122	Great Books I: Visual Arts and Literature from Antiquity to 1750 ^H	3
CMPL 123	Great Books I: Politics and Literature from Antiquity to 1750	3
CMPL 124	Great Books I: Science and Literature from Antiquity to 1750	3
CMPL 223	Global Authors: Cervantes	3
CMPL 317	Myth, Fable, Novella: The Long History of the Short Story ^H	3
CMPL 452	The Middle Ages	3
CMPL 453	The Erotic Middle Ages	3
CMPL 454	Literature of the Continental Renaissance in Translation ^H	3
CMPL 456	The 18th-Century Novel	3
CMPL 473	Drama, Pageantry, and Spectacle in Medieval Europe	3
CMPL/ENGL 621	Arthurian Romance	3
ENGL 120	British Literature, Medieval to 18th Century ^H	3
ENGL 153	Sex, Gender, and Sexuality in the Premodern World	3
ENGL 223	Chaucer ^H	3
ENGL 224	Survey of Medieval English Literature, excluding Chaucer ^H	3
ENGL 225	Shakespeare ^H	3
ENGL 226	Renaissance Drama ^H	3
ENGL 227	Literature of the Earlier Renaissance ^H	3
ENGL 228	Literature of the Later Renaissance ^H	3
ENGL 230	Milton ^H	3
ENGL 237	18th-Century Drama ^H	3
ENGL 325	Shakespeare and His Contemporaries ^H	3
ENGL 327	Renaissance Literature and Its Intellectual Contexts	3
ENGL 329	Medieval Feminisms	3
ENGL 330	Perspectives on the Renaissance	3
ENGL 331	18th-Century Literature ^H	3
ENGL 430	Renaissance Literature—Contemporary Issues	3
ENGL/PWAD 660	War in Shakespeare's Plays	3
FREN 315	Imposteur!: Faking and False Identities in French and Francophone Drama and Film	3
FREN 370	French and Francophone Studies to 1789	3
FREN 387	Paris/Versailles: The Court and the City in the 17th Century	3
FREN 554	Writing the Mediterranean	3
FREN 675	Literature and Enlightenment, 17th - 18th Centuries	3
GERM 210	Getting Medieval: Knights, Violence, and Romance	3
GERM 216	The Viking Age	3
GERM 500	History of the German Language	3
GERM 505	Early New High German	3
GERM 511	Old Saxon	3
GERM 514	Old Norse I (Old Icelandic)	3
GERM 515	Old Norse II (Old Icelandic)	3
GERM 615	Foundations in German Studies II	3
GERM/WGST 220	Women in the Middle Ages	3
GERM 508	Old High German	3
GSLL 53	First-Year Seminar: Early Germanic Culture: Myth, Magic, Murder, and Mayhem ¹	3
HIST 107	Medieval History	3
HIST 127	American History to 1865	3
HIST 142	Latin America under Colonial Rule	3

HIST 151	 European History to 1650	3
HIST 177H	Honors Seminar in Early European History	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 307	 War and Enlightenment in Germany, 1600-1815	3
HIST 398	 Undergraduate Seminar in History (based on topic) ^H	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 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3
HIST 453	Mediterranean Societies and Economics in the Renaissance World	3
HIST/PWAD 254	 War and Society in Early Modern Europe	3
HIST/PWAD 266	 Global History of Warfare	3
HIST/RELI 454	The Reformation	3
HIST/WGST 280	 Women and Gender in Latin American History	3
ITAL 241	 The Renaissance Mind and Body	3
ITAL 357	Dante, Petrarch, and Boccaccio in English	3
LATN 205	Medieval Latin	3
MUSC 251	 Studies in Medieval and Early Modern Music	3
PHIL 215	 Medieval Philosophy	3
PHIL 220	 17th and 18th Century Western Philosophy ^H	3
PHIL 415	Medieval Philosophy	3
PHIL 421	 Rationalism	3
PHIL 422	 Empiricism	3
PHIL 470	Political Philosophy from Hobbes to Rousseau	3
PORT 501	Survey of Portuguese Literature I	3
RELI 64	 First-Year Seminar: Reintroducing Islam ¹	3
RELI 161	 Introduction to the History of Christian Traditions ^H	3
RELI 165	 Mysticism ^H	3
RELI 362	 Mary in the Christian Tradition ^H	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 613	Colonial and 19th-Century Spanish American Literature	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.

¹ Restricted to first-year students only.

See the program page here (p. 445) for special opportunities.

Department Programs

Majors

- English and Comparative Literature Major, B.A. (p. 314)

Minors

- Comparative Literature Minor (p. 323)
- Creative Writing Minor (p. 324)
- English Minor (p. 326)
- Global Cinema Minor (p. 327)
- Latina/o Studies Minor (p. 329)
- Medicine, Literature, and Culture Minor (p. 330)
- Medieval and Early Modern Studies Minor (p. 447)
- Writing, Editing, and Digital Publishing Minor (<https://catalog.unc.edu/undergraduate/programs-study/writing-editing-digital-publishing-minor/>)

Graduate Programs

- Ph.D. in English and Comparative Literature (https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD_English)
- M.A. in English (<https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture (https://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English)

Courses

- Comparative Literature (CMPL) (<https://catalog.unc.edu/courses/cmpl/>)
- English (ENGL) (<https://catalog.unc.edu/courses/engl/>)

Contact Information

Department of English and Comparative Literature

Visit Program Website (<http://englishcomplit.unc.edu>)
Greenlaw Hall, CB# 3520
(919) 962-5481

Chair

Marsha Collins

ECL Undergraduate Advisor
Hilary Lithgow
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Director of Undergraduate Studies
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Interdisciplinary Studies

The Office of Undergraduate Curricula manages the interdisciplinary studies (IDST) curriculum. The IDST curriculum includes an interdisciplinary studies major (p. 450) 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. It also includes a collection of interdisciplinary studies (IDST) courses (<https://catalog.unc.edu/courses/idst/>).

Major

- Interdisciplinary Studies Major, B.A. (p. 450)

Courses

- Interdisciplinary Studies (IDST) (<https://catalog.unc.edu/courses/idst/>)

Contact Information

Interdisciplinary Studies
Visit Program Website (<http://curricula.unc.edu/students/interdisciplinary-studies/>)
3018A Steele Building, CB# 3504

Interdisciplinary Studies Major, B.A. Overview

The interdisciplinary studies major provides an innovative space and a flexible, individualized program structure 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. Interdisciplinary studies majors are designed to support rigorous investigation of a topic, theme, or area of inquiry, mastery of which requires advanced coursework in multiple disciplinary fields. An IDST major allows motivated students to engage complex problems and emerging areas of knowledge that exceed traditional disciplinary boundaries. They must be well conceived and substantially different from majors that students pursue through traditional departments, schools, and curricula. While encouraging creativity, IDST majors will be focused and coherent. Interdisciplinary studies should not be seen as a default major for someone undecided about their course of study.

Interdisciplinary studies majors work with their individually selected faculty advisors to develop a customized program of courses that will constitute the requirements for their IDST major. Besides guiding students on course selections, faculty advisors serve as mentors on career planning, graduate work, and co-curricular opportunities. To be admitted to the major, students must have a grade point average of at least 3.0 and at least 45 hours left before graduation. Students are strongly encouraged to meet most of the General Education requirements (e.g., First-Year Foundations and Focus Capacities) before pursuing the interdisciplinary studies major.

Admission to the Program

The interdisciplinary studies major is an application-based program. Students can apply to the major after their first year at UNC. The program has two application deadlines (<https://curricula.unc.edu/interdisciplinary-studies-major/>) per academic year, one at the start of each semester.

Additional instructions about the application process can be found on the Office of Undergraduate Curricula website (<https://curricula.unc.edu/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. 711).

Interdisciplinary Studies Major, B.A.

Code	Title	Hours
Core Requirements		
Eight courses chosen from at least three departments and which must be appropriate for juniors and seniors majoring in those departments. ^{1, 2, 3}		24
Total Hours		24

- ¹ A maximum of four courses from any one department
- ² For students interested in Cultural Studies, COMM 350 Practices of Cultural Studies must be included as one of the eight courses. For more information, please contact the Cultural Studies Faculty Director and Advisor in the Department of Communication (<https://comm.unc.edu/undergraduate-studies/major-in-cultural-studies/>).
- ³ 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 summarized by the title. Additionally, students are encouraged to select electives that complement the eight courses chosen for the major to prepare for, extend, and deepen their topical knowledge. To maximize the interdisciplinary synergy that the IDST major aims to facilitate, students are advised to include courses from at least two divisions in the College of Arts and Sciences (i.e., Fine Arts & Humanities, Natural Sciences and Mathematics, Social Sciences and Global Programs) in their eight-course core curriculum.

Special Opportunities in Interdisciplinary Studies

Qualified students may pursue honors by registering for IDST 691H and IDST 692H or through one of the departments or curricula included in their major core. IDST students are encouraged to take advantage of opportunities to extend or apply their knowledge through hands-on learning opportunities related to their program of study. This may include undergraduate research opportunities available in the departments and curricula that constitute their program of study; an internship or service-learning experience in the summer or during the academic year, study abroad, and/or 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

Lauren Leve
IDST-Director@unc.edu

Faculty Director and Advisor, Cultural Studies

Avi Santo
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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 and on support for academic research and study, contact the director of undergraduate studies.

Major

- Latin American Studies Major, B.A. (p. 452)

Courses

- Latin American Studies (LTAM) (<https://catalog.unc.edu/courses/ltam/>)

Affiliated Faculty

Juan Alamo (Music), Javier Arce Nazario (Geography and Environment), 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), Ashley Hernandez (Department of City and Regional Planning), Evelyne Huber (Political Science), Miguel LaSerna (History), Nina Martin (Geography and Environment), Cecilia Martínez-Gallardo (Political Science), Ruth Matamoros-Mercado (Geography and Environment), 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 and Environment), 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 and Environment), Richard Vernon (Romance Studies), Adam Versényi (Dramatic Art), Ariana Vigil (Women's and Gender Studies), Laura Villa Torres (Health Behavior), Deborah Weissman (Law), Deshira Wallace (Global Public Health), Lyneise Williams (Art).

Contact Information

Curriculum in Latin American Studies

Visit Program Website (<http://isa.unc.edu>)
FedEx Global Education Center, CB# 3205
(919) 962-2418

Chair

Gabriela Valdivia

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 and Caribbean 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 and the Caribbean;
- 5. to foster an understanding of the historical and cultural origins of the Latin American and Caribbean communities in the United States.

Student Learning Outcomes

Upon completion of the Latin American and Caribbean 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 and Caribbean 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. 711).

The Curriculum in Latin American and Caribbean Studies is an interdisciplinary major designed to ensure access to diverse approaches to the study of Latin America and the Caribbean and to guide majors in developing a deeper knowledge of a particular geographic area in the region.

Code	Title	Hours
Core Requirements (9 courses)		
Select two (2) courses numbered under 200 (see list below). LTAM 101 is strongly recommended		6

Select three (3) courses numbered 200-399 (see list below).		9
Select three (3) courses numbered 400 and above (see list below).		9
LTAM 697	Capstone Seminar	3
Additional Requirements (2 courses)		
Spanish or Portuguese at least through the fifth-semester course ¹		6
Total Hours		33

¹ 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.

Listed below are commonly offered courses for the major. Not all the courses on Latin American and Caribbean topics are listed; other courses may satisfy the major requirements as well. Special topics courses, first-year seminars, undergraduate seminars, independent studies, and capstone courses on Latin American and Caribbean topics also may count. To inquire about whether these courses count towards the major, contact the Director of Undergraduate Studies.

Courses numbered under 200














Select two courses from the following list.















Code	Title	Hours
AAAD 57	First-Year Seminar: Afro-Latinx in the U.S.	3
ANTH 68	First-Year Seminar: Forced Out and Fenced In: Ethnography of Latinx Immigration	3
ANTH 121	Ancient Cities of the Americas	3
ARTH 160	Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica ^H	3
ENGL 164	Introduction to Latina/o Studies ^H	3
HIST 51	First-Year Seminar: Latin American Revolutions	3
HIST 142	Latin America under Colonial Rule	3
HIST 143	Latin America since Independence	3
HIST 145	Latin American Indigenous Peoples	3
LTAM 52	First-Year Seminar: The Cuban Revolution, Latin America, and the United States	3
LTAM 101	Introduction to Latin American Studies	3
MUSC 147	Introduction to the Music of the Américas	3
POLI 57	First-Year Seminar: Democratic Governance in Contemporary Latin America	3
RELI 151	Religion in Latin America	3
ROML 58	First-Year Seminar: Mexican Women across Borders and Genres	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.

Courses numbered 200-399

Select three courses from the following list.

Code	Title	Hours
AAAD 260	 Blackness in Latin America	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 286	 The African Diaspora in the Colonial Americas, 1450-1800	3
AAAD 360	 Black Women's Struggles and Resistance in Latin America and the Caribbean	3
AAAD 362	 Black Latin American Politics	3
AAAD 389	 The Caribbean Anticolonial: Caribbean Literature, Film, Aesthetics, and Politics	3
ANTH 231	 The Inca and Their Ancestors: The Archaeology of Andean South America	3
ANTH 232	 Ancestral Maya Civilizations ^H	3
ANTH 360	 Latin American Economy and Society	3
ARTH 267	 Latin American Modernisms	3
ARTH 277	 Art and Architecture of Viceregal Latin America	3
ENGL 240	Caribbean Literature	3
ENGL 359	 Latina Feminisms: Civil Rights, Ecofeminism, and Health Studies	3
FREN 280	 French "Discoveries" of the Americas in Translation	3
FREN 288	 Francophone Caribbean Literature in Translation	3
GEOG 259	 Society and Environment in Latin America	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 280	 Women and Gender in Latin American History	3
HIST 314	 Law and Society in Latin America	3
HIST 315	 Nation-Building in Latin America ^H	3
LTAM 215	 Peoples, Cultures, and Landscapes of Latin America	3
LTAM 241	 History of Latinos in the United States	3
LTAM 261	 Afro-Cuban Dance: History, Theory, and Practice	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
LTAM 362	 Black Latin American Politics	3
LTAM 390	Special Topics in Latin American Studies	3
MUSC 258	 Musical Movements: Migration, Exile, and Diaspora	3

POLI 231	Latin America and the United States in World Politics	3
POLI 238	 Politics of the Global South: Latin America ^H	3
PORT 316	 Brazilian Performance: Capoeira, Resilience and Resistance through Movement, Music and Dance	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 387	 Brazilian Religious Movements through Film and Literature	3
PORT 388	 Portuguese, Brazilian, and African Identity in Film	3
PLCY 349	Immigration Policy in the 21st Century	3
RELI 245	Latina/o Religions in the United States-Mexico Borderlands ^H	3
RELI 246	 Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas ^H	3
SPAN 270	Contemporary Spanish American Prose Fiction in Translation	3
SPAN 344	 Latin American Cultural Topics	3
SPAN 361	 Hispanic Film	3
SPAN 363	 Experiences of Disease and Health through Hispanic Literature and Culture	3
SPAN 373	 Studies in Latin American Literature	3
SPAN 388	Narratives of the Mexican Revolution	3
WGST 352	 Rahtid Rebel Women: An Introduction to Caribbean Women	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.

Courses numbered 400 and above

Select three courses from the following list.

Code	Title	Hours
AAAD 460	 Race, Culture, and Politics in Brazil	3
AAAD 461	 Race, Gender, and Activism in Cuba	3
ANTH 453	Field School in South American Archaeology ^H	6
ARTH 445	The Mexican Mural Renaissance, 1921-1945	3
ARTH 452	Brazilian Modernism	3
ARTH 469	 Art of the Aztec Empire	3
DRAM 486	 Latin American Theatre	3
DRAM 488	 United States Latino/a Theatre	3
EDUC 510	 Latinx Experience in Education	3
GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources ^H	3

Undergraduate Research

Latin American and Caribbean Studies majors are eligible to develop independent and/or senior thesis projects. A small number of grants (<https://isa.unc.edu/undergraduate-funding/>) 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

Gabriela Valdivia

Director of Undergraduate Studies

Beatriz Riefkohl-Muñiz
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. 456)

Minor

- Linguistics Minor (p. 458)

Graduate Programs

- M.A. in Linguistics (<https://catalog.unc.edu/graduate/schools-departments/linguistics/>)
- M.A. in Linguistics–Ph.D. in Romance Languages and Literatures (Hispanic Linguistics) (<https://catalog.unc.edu/graduate/schools-departments/linguistics/>)
- Graduate Certificate in Computational Linguistics (<https://linguistics.unc.edu/graduate-program/computational-linguistics-certificate/>)

Courses

- Linguistics (LING) (<https://catalog.unc.edu/courses/ling/>)

Professors

Misha Becker, David Mora-Marín, Elliott Moreton, Jennifer Smith.

Associate Professors

Brian Hsu, Katya Pertsova, J. Michael Terry.

Assistant Professors

Daoxin Li, Jamilláh Rodríguez, Jessica Vélez-Avilés.

Adjunct Faculty

Becky Butler (Carolina Asia Center), Masako Hirotsu (Carleton University), 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), Laura Demsey (Romance Studies), Bruno Estigarribia (Romance Studies), Peter C. Gordon (Psychology and Neuroscience), Lamar Graham (Romance Studies), Thomas Hofweber (Philosophy), Joseph Lam (Religious Studies), Jim Pryor (Philosophy), Martha Ruiz-Garcia (Romance Studies), Patricia E. Sawin (American Studies), Khalid Shahu

(Asian Studies), Sophia Strietholt (Germanic and Slavic Languages and Literatures).

Professors Emeriti

Nina Furry, Randall Hendrick, Wendan Li, H. Craig Melchert, Paul Roberge.

Contact Information

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

Director of Graduate Studies

Elliott Moreton
moreton@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. 711).

Code	Title	Hours
Gateway Course		
LING 101	 Introduction to Language (with a grade of C or better) ^H	3
Core Requirements		
One course each from three of the following four pairs (total of three courses): ¹		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 ²		
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	
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.

¹ 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.

² 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.).

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. (<https://catalog.unc.edu/graduate/schools-departments/linguistics/#programtext>). 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. 456)

Minor

- Linguistics Minor (p. 458)

Graduate Programs

- M.A. in Linguistics (<https://catalog.unc.edu/graduate/schools-departments/linguistics/>)
- M.A. in Linguistics–Ph.D. in Romance Languages and Literatures (Hispanic Linguistics) (<https://catalog.unc.edu/graduate/schools-departments/linguistics/>)
- Graduate Certificate in Computational Linguistics (<https://linguistics.unc.edu/graduate-program/computational-linguistics-certificate/>)

Courses

- Linguistics (LING) (<https://catalog.unc.edu/courses/ling/>)

Contact Information

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

Director of Graduate Studies

Elliott Moreton
moreton@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. 711).

The minor in linguistics consists of four linguistics courses numbered 200 or higher.

Code	Title	Hours
Core Requirements		
Two courses selected from: ¹		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. ^{2,3}		6
Total Hours		12

¹ LING 101 is a prerequisite for these courses.
² 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.
³ 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.).
See the program page here (p. 457) for special opportunities.

Department Programs

Major

- Linguistics Major, B.A. (p. 456)

Minor

- Linguistics Minor (p. 458)

Graduate Programs

- M.A. in Linguistics (<https://catalog.unc.edu/graduate/schools-departments/linguistics/>)

- M.A. in Linguistics–Ph.D. in Romance Languages and Literatures (Hispanic Linguistics) (<https://catalog.unc.edu/graduate/schools-departments/linguistics/>)
- Graduate Certificate in Computational Linguistics (<https://linguistics.unc.edu/graduate-program/computational-linguistics-certificate/>)

Courses

- Linguistics (LING) (<https://catalog.unc.edu/courses/ling/>)

Contact Information

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

Director of Graduate Studies

Elliott Moreton
moreton@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, data analyst, modeler, optimizer, statistician, and computer analyst.

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 middle and high school mathematics the opportunity to earn their degree and obtain licensure as a North Carolina middle and high school teacher in four years. For more details, visit the School of Education website (<https://ed.unc.edu/academics/programs/unc-baccalaureate-education-in-science-and-teaching/>).

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 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) or Scholastic Aptitude Test (SAT) can be used for placement into mathematics courses. Students who do not have placement scores via the AP, ACT or SAT may take the department's ALEKS Placement Test. Please visit the placement page (<https://math.unc.edu/undergraduate/registration-advising/>) 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, data 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. 459)
- Mathematics Major, B.S. (p. 462)

Minor

- Mathematics Minor (p. 467)

Graduate Programs

- M.A. in Mathematics (<https://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- M.S. in Mathematics (<https://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- Ph.D. in Mathematics (<https://catalog.unc.edu/graduate/schools-departments/mathematics/>)

Courses

- Mathematics (MATH) (<https://catalog.unc.edu/courses/math/>)

Professors

David Adalsteinsson, Idris Assani, Prakash Belkale, Roberto Camassa, Yaiza Canzani, Ivan V. Cherednik, Hans Christianson, M. Gregory Forest, Karin Leiderman Gregg, Boyce Griffith, Jingfang Huang, Shrawan Kumar, Jeremy Marzuola, Richard McLaughlin, Jason Metcalfe, Sorin Mitran, Richárd Rimányi, Lev Rozansky, Justin Sawon, Alexander N. Varchenko, Mark Williams.

Associate Professors

Olivia Dumitrescu, Jiuzu Hong, Yifei Lou, Katherine Newhall, David Rose, Andrey Smirnov.

Assistant Professors

Arunima Bhattacharya, Shahar Kovalsky, Caroline Moosmueller, Casey Rodriguez, Pedro Sáenz, Philip Tosteson, Daping Weng.

Teaching Faculty

Emily Burkhead, Joseph Compton, Mark McCombs, Elizabeth McLaughlin, Miranda Thomas.

Professors Emeriti

Joseph A. Cima, Patrick B. Eberlein, Ladnor D. Geissinger, Sue E. Goodman, Jane M. Hawkins, Christopher Jones, Ancel Mewborn, Karl E. Peterson, Joseph F. Plante, Robert Proctor, Michael Schlessinger, William W. Smith, James D. Stasheff, Michael E. Taylor, Jonathan M. Wahl, Warren R. Wogen.

Contact Information

Department of Mathematics

Visit Program Website (<http://www.math.unc.edu>)
Phillips Hall, CB# 3250
(919) 962-1294

Chair

Jason Metcalfe
metcalfe@email.unc.edu

Director of Undergraduate Studies

Jeremy Marzuola
marzuola@email.unc.edu

Undergraduate Student Services Manager

Jaxon Miller
jaxmill@unc.edu

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. 711).

Code	Title	Hours
Core Requirements		
MATH 347	Linear Algebra for Applications (previously offered as MATH 547)	3
or MATH 577	Linear Algebra	
MATH 381	Discrete Mathematics ^{1, H}	3
MATH 383	First Course in Differential Equations ^H	3
MATH 521	Advanced Calculus I ^H	3
At least three more MATH courses numbered above 500. ²		9
Additional Requirements		
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
or MATH 235	 Mathematics for Data Science	
Total Hours		33

^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.

¹ A current or former major in statistics and analytics may substitute STOR 215 for MATH 381.

² 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. 634) 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 ^H	3
MATH 522	Advanced Calculus II ^H	3
MATH 577	Linear Algebra	3
MATH 578	Algebraic Structures	3



Enough upper-level mathematics courses to satisfy the degree requirements


^H 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 ^{H, F}	4
ECON 410	 Intermediate Microeconomics ^H	4
ECON 420	Intermediate Macroeconomics ^H	3
At least two of:		6

ECON 510	 Advanced Microeconomic Theory ^H	
ECON 511	Advanced Game Theory in Economics ^H	
ECON 520	Advanced Macroeconomic Theory ^H	
MATH 521	Advanced Calculus I ^H	3
At least three of:		9






MATH 522	Advanced Calculus II ^H	
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 ^H	
MATH 347	 Linear Algebra for Applications ^F	
or MATH 577Linear Algebra		

- 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.

Course Suggestions for Future High School Teachers





Code	Title	Hours
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
MATH 381	Discrete Mathematics ^H	3
MATH 383	First Course in Differential Equations ^H	3
At least one of:		3
MATH 534	Elements of Modern Algebra	
MATH 535	Introduction to Probability	
MATH 548	Combinatorial Mathematics	
MATH 550	Topology	
MATH 347	 Linear Algebra for Applications ^F	3
or MATH 577	Linear Algebra	
MATH 521	Advanced Calculus I ^H	3
MATH 533	Elementary Theory of Numbers	3
MATH 551	Euclidean and Non-Euclidean Geometries	3
STOR 155	 Introduction to Data Models and Inference ^{H, F}	3
The Supplemental General Education requirement		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 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
First and Second Years		
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
or MATH 235	 Mathematics for Data Science	
MATH 381	Discrete Mathematics ^{1,4, H}	3
MATH 383	First Course in Differential Equations ^{3, H}	3
MATH 347	Linear Algebra for Applications ³	3
or MATH 577	Linear Algebra	
Third and Fourth Years		
MATH 521	Advanced Calculus I ^H	3
At least three more MATH courses numbered above 500. ²		9
Total Hours		33

- 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.

¹ 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>).

² For this requirement, taking the three lab courses MATH 383L + MATH 528L + MATH 529L counts as one 500-level course.

³ One of these courses could be moved to the third year with minimal consequence.

⁴ 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, and the Putnam Mathematical Competition. 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. For more details, see the School of Education (p. 69) section of the Catalog.

Department Programs

Majors

- Mathematics Major, B.A. (p. 459)
- Mathematics Major, B.S. (p. 462)

Minor

- Mathematics Minor (p. 467)

Graduate Programs

- M.A. in Mathematics (<https://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- M.S. in Mathematics (<https://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- Ph.D. in Mathematics (<https://catalog.unc.edu/graduate/schools-departments/mathematics/>)

Courses

- Mathematics (MATH) (<https://catalog.unc.edu/courses/math/>)

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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. 711).

Mathematics Major, B.S.

Code	Title	Hours
Core Requirements		
One of the following:		3
COMP 110	 Introduction to Programming ^H	
COMP 116	Introduction to Scientific Programming	

STOR 120	Foundations of Statistics and Data Science ^{H, F}	4
or STOR 155	Introduction to Data Models and Inference	
MATH 347	Linear Algebra for Applications (preferably before the junior year; previously offered as MATH 547) ^F	3
or MATH 577	Linear Algebra	
MATH 381	Discrete Mathematics ^{1, H}	3
MATH 383	First Course in Differential Equations ^H	3
MATH 521	Advanced Calculus I ^H	3
One of the following:		3
MATH 522	Advanced Calculus II ^H	
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
Additional Requirements		
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	Calculus of Functions of Several Variables ^{H, F}	4
or MATH 235	Mathematics for Data Science	
Physics course chosen from the following options:		4
PHYS 118	Introductory Calculus-based Mechanics and Relativity (recommended) ^{H, F}	
PHYS 114	General Physics I: For Students of the Life Sciences ^F	
At least three additional courses in the Division of Natural Sciences and Mathematics		9
Remaining General Education requirements and enough free electives to accumulate 120 academic hours		61
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.

¹ 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
Core Requirements		
COMP 110	Introduction to Programming ^H	3
or COMP 116	Introduction to Scientific Programming	
STOR 120	Foundations of Statistics and Data Science ^{H, F}	4
or STOR 155	Introduction to Data Models and Inference	
MATH 381	Discrete Mathematics ^{1, H}	3
MATH 383	First Course in Differential Equations ^H	3
MATH 521	Advanced Calculus I ^H	3
Five courses chosen from the following list: ²		15
MATH 522	Advanced Calculus II ^H	
MATH 523	Functions of a Complex Variable with Applications	
MATH 524	Elementary Differential Equations	
MATH 528	Mathematical Methods for the Physical Sciences I ²	
MATH 529	Mathematical Methods for the Physical Sciences II ²	
MATH 535	Introduction to Probability	
MATH 548	Combinatorial Mathematics	
MATH 560	Optimization with Applications in Machine Learning ²	
MATH 563	Introduction to Fluid Mechanics ²	
MATH 564	Mathematical Modeling in the Life Sciences ²	
MATH 566	Introduction to Numerical Analysis ²	
MATH 661	Scientific Computation I ²	
MATH 668	Methods of Applied Mathematics I ²	
Sequence MATH 383L, MATH 528L, and MATH 529L ²		
MATH 347	Linear Algebra for Applications ^F	3
or MATH 577	Linear Algebra	
Additional Requirements		
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	Calculus of Functions of Several Variables ^{H, F}	4
or MATH 235	Mathematics for Data Science	
Physics course chosen from the following options:		4
PHYS 118	Introductory Calculus-based Mechanics and Relativity (recommended) ^{H, F}	
PHYS 114	General Physics I: For Students of the Life Sciences ^F	
Strongly recommended:		
MATH 535/ STOR 435	Introduction to Probability	
STOR 555	Mathematical Statistics	
At least three additional courses in the Division of Natural Sciences and Mathematics.		9
Remaining General Education requirements and enough free electives to accumulate 120 academic hours		61
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.

¹ A current or former major in statistics and analytics may substitute STOR 215 for MATH 381.

² with at least three from MATH 528, MATH 529, MATH 560, MATH 563, 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 ^H	3
MATH 522	Advanced Calculus II ^H	3
MATH 577	Linear Algebra	3
MATH 578	Algebraic Structures	3





Enough upper-level mathematics courses to satisfy the degree requirements


- ^H 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 ^{H, F}	3
CHEM 101	 General Descriptive Chemistry I ^{H, F}	3
or CHEM 102	 General Descriptive Chemistry II	
At least one of:		4
BIOL 201	Ecology and Evolution ^H	
BIOL 202	 Molecular Biology and Genetics ^{H, F}	
BIOL 205	Cellular and Developmental Biology ^H	
At least two of:		6

BIOL 454	Evolutionary Genetics	
BIOL 526	Computational Genetics ^H	
BIOL 551	Comparative Biomechanics	
BIOL 553	Mathematical and Computational Models in Biology	
MATH 521	Advanced Calculus I ^H	3
One of:		3
MATH 522	Advanced Calculus II ^H	
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 ^F	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




- ^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
First-Year Foundation Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F	3
IDST 111L  Data Literacy Lab	1
Global Language through level 3 (p. 649)	varies
Major Courses	

COMP 110 or COMP 116	 Introduction to Programming ^H or Introduction to Scientific Programming	3
Physics course chosen from the following options:		4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity (recommended) ^{H, F}	
PHYS 114	 General Physics I: For Students of the Life Sciences ^F	
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
STOR 120 or STOR 115	 Foundations of Statistics and Data Science ^{H, F} or  Reasoning with Data: Navigating a Quantitative World	4
Hours		27
Sophomore Year		
MATH 233 or MATH 235	 Calculus of Functions of Several Variables ^{H, F} or  Mathematics for Data Science	4
MATH 381	Discrete Mathematics ^{1, 2, H}	3
MATH 383	First Course in Differential Equations ^H	3
MATH 347	 Linear Algebra for Applications ^F	3
One of 3 courses in Division of Natural Sciences and Mathematics, but not in mathematics		3
Hours		16
Junior Year		
MATH 521	Advanced Calculus I ^H	3
MATH 522	Advanced Calculus II ^H	3
or MATH 523	or Functions of a Complex Variable with Applications	
or MATH 528	or Mathematical Methods for the Physical Sciences I	
or MATH 566	or Introduction to Numerical Analysis	
MATH 533 or MATH 534 or MATH 578 or MATH 548	Elementary Theory of Numbers or Elements of Modern Algebra or Algebraic Structures or Combinatorial Mathematics	3
One of 3 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 3 courses in Division of Natural Sciences and Mathematics, but not in mathematics		3
Hours		12
Total Hours		67














^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.

¹ 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>).

² 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
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	 Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Major Courses		
COMP 110 or COMP 116	 Introduction to Programming ^H or Introduction to Scientific Programming	3
Physics course chosen from the following options:		4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity (recommended) ^{H, F}	
PHYS 114	 General Physics I: For Students of the Life Sciences ^F	
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
STOR 120 or STOR 155	 Foundations of Statistics and Data Science ^{H, F} or  Introduction to Data Models and Inference	4
Hours		27
Sophomore Year		
MATH 233 or MATH 235	 Calculus of Functions of Several Variables ^{H, F} or  Mathematics for Data Science	4
MATH 381	Discrete Mathematics ^{1, 4, H}	3
MATH 383	First Course in Differential Equations ^H	3
MATH 347	 Linear Algebra for Applications ^F	3
One of 3 courses in Division of Natural Sciences and Mathematics, but not in mathematics ³		3
Hours		16
Junior Year		
MATH 521	Advanced Calculus I ^H	3
Two of the five MATH elective courses (see list) ²		6
One of 3 courses in Division of Natural Sciences and Mathematics, but not in mathematics ³		3
Hours		12

Senior Year

Three of the five MATH elective courses (see list) ²	9
One of 3 courses in Division of Natural Sciences and Mathematics, but not in mathematics ³	3
Hours	12
Total Hours	67

- ^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.
- ¹ 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>).
- ² with at least three from MATH 528, MATH 529, MATH 560, MATH 563, MATH 564, MATH 566, MATH 661, MATH 668, sequence MATH 383L + MATH 528L + MATH 529L.
- ³ 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.
- ⁴ 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, and the Putnam Mathematical Competition. 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. For more details, see the School of Education (p. 69) section of the Catalog.

Department Programs

Majors

- Mathematics Major, B.A. (p. 459)
- Mathematics Major, B.S. (p. 462)

Minor

- Mathematics Minor (p. 467)

Graduate Programs

- M.A. in Mathematics (<https://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- M.S. in Mathematics (<https://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- Ph.D. in Mathematics (<https://catalog.unc.edu/graduate/schools-departments/mathematics/>)

Courses

- Mathematics (MATH) (<https://catalog.unc.edu/courses/math/>)

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Undergraduate Student Services Manager

Jaxon Miller

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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. 711).

Code	Title	Hours
Core Requirements		
MATH 381	Discrete Mathematics ^H	3
MATH 383	First Course in Differential Equations ^H	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		
Additional Requirements		
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
	or MATH 235  Mathematics for Data Science	
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.

^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.

See the program page here (p. 459) for special opportunities.

Department Programs

Majors

- Mathematics Major, B.A. (p. 459)
- Mathematics Major, B.S. (p. 462)

Minor

- Mathematics Minor (p. 467)

Graduate Programs

- M.A. in Mathematics (<https://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- M.S. in Mathematics (<https://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- Ph.D. in Mathematics (<https://catalog.unc.edu/graduate/schools-departments/mathematics/>)

Courses

- Mathematics (MATH) (<https://catalog.unc.edu/courses/math/>)

Contact Information

Department of Mathematics

Visit Program Website (<http://www.math.unc.edu>)
Phillips Hall, CB# 3250
(919) 962-1294

Chair

Jason Metcalfe
metcalfe@email.unc.edu

Director of Undergraduate Studies

Jeremy Marzuola
marzuola@email.unc.edu

Undergraduate Student Services Manager

Jaxon Miller
jaxmill@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 (<https://catalog.unc.edu/graduate/schools-departments/microbiology-immunology/>)

Courses

- Microbiology (MCRO) (<https://catalog.unc.edu/courses/mcro/>)

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. 468)

Courses

- Army (ARMY) (<https://catalog.unc.edu/courses/army/>)

Professor

Lisa Klekowski, Lieutenant Colonel, U.S. Army

Assistant Professors

Stephen Rohrlack, Captain, U.S. Army

Oren Rosen, Captain, U.S. Army

Primary Trainers

James Calfa, Master Sergeant, U.S. Army
Eduardo Cenicerros-Rodriguez, Staff Sergeant, U.S. Army

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
Lisa Klekowski

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. 711).

Th minor in military science and leadership is a 15 semester-hour course of study selected from the list below.

Code	Title	Hours
Core Requirements		
ARMY 301	Army Training Management ¹	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 159	 Europe and the World Since 1900
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
Total Hours	
15	

¹ 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

Professor of Military Science

Lisa Klekowski
klisa@unc.edu

Chair

Lisa Klekowski

Army ROTC Admissions Officer

Ronald Henry
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. 471)
- Music Major, Bachelor of Music (B.Mus.) (p. 472)

Minor

- Music Minor (p. 475)
- Musical Theatre Performance Minor (p. 290)

Graduate Programs

- M.A. in Musicology (<https://catalog.unc.edu/graduate/schools-departments/music/>)
- Ph.D. in Musicology (<https://catalog.unc.edu/graduate/schools-departments/music/>)

Courses

- Music (MUSC) (<https://catalog.unc.edu/courses/musc/>)

Professors

Juan Álamo, Stephen Anderson, Naomi André, Evan Feldman, David Garcia, Mark Katz, Susan Klebanow, Jocelyn Neal, Donald L. Oehler, Lee Weisert, Brent S. Wissick.

Associate Professors

Andrea Bohlman, Nicholas DiEugenio, Michael Figueroa, LaToya Lain, Anne MacNeil, Clara Yang.

Assistant Professors

Rahsaan Barber, Anna Gatdula, Evan Harger, Deonte Harris.

Director of University Bands

Jeffrey Fuchs.

Teaching Professors

Jeanne Fischer, Michael Kris.

Teaching Associate Professor

William Stewart.

Teaching Assistant Professors

Donovan Livingston, Pablo Vega.

Lecturers

David Allen, Laura Byrne, John Caldwell, Daniel Collins, Dan Davis, Simon Ertz, Leonid Finkelshteyn, Jason Foureman, Sean Grier, Tatiana

Hargreaves, Russell Johnson, Eunho Kim, Rebecca Kleinmann, Jessica Kunttu, Anna Lampidis, JC Martin, Melissa Martin, Rachel Niketopoulos, Heidi Radtke, Teddy Robie, Anna Scott, Hank Smith, Rusty Smith, Mimi Solomon, Timothy Sparks, Stephanie Vial.

Professors Emeriti

Allen Anderson, Mark Evan Bonds, Timothy Carter, Annegret Fauser, Jon W. Finson, Lynn Glasscock, Daniel Huff, Tonu Kalam, James E. Ketch, Stefan Litwin, James Moeser, John L. Nádas, Severine Neff, Thomas Otten, Terry Rhodes, Thomas Warburton, Brooks de Wetter-Smith, Ann Woodward.

Contact Information

Department of Music

Visit Program Website (<http://music.unc.edu>)
Hill Hall, CB# 3320
(919) 962-1039

Chair

Jocelyn Neal
jneal@email.unc.edu

Associate Chair for Performance, Composition, and Music Education

Evan Feldman
evanfeldman@unc.edu

Associate Chair for Academic Studies

Michael Figueroa
mfigueroa@unc.edu

Director of Undergraduate Studies

Lee Weisert
weisert@email.unc.edu

Registrar

Adrian Mendoza
armendoz@unc.edu

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. 711).

Courses listed more than once can be counted for only one category.

Code	Title	Hours
Core Requirements		
Foundations:		
MUSC 120	 Foundations in Music ^F	3
Musicianship:		
MUSC 128	Improvisation Without Borders	1
One additional course (one hour), chosen from:		1
MUSC 129	Aural-based Musicianship	
MUSC 130	Tonal Musicianship Skills I	
Music theory (six hours), two of:		6
MUSC 131	Tonal Theory I (requires a grade of C or better) ^H	
MUSC 132	 Tonal Theory II ^H	
MUSC 135	Jazz Theory	
MUSC 137	 Patterns in Music	
MUSC 156	Beat Making Lab	
MUSC 166	Introduction to Composition	
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/group lessons (taken over two semesters) chosen from: ¹		2-6
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 110	Group Lessons in Piano
MUSC 111	Group Lessons in Voice
MUSC 112	Group Lessons in Strings
MUSC 113	Group Lessons in Woodwinds
MUSC 114	Group Lessons in Brass
MUSC 115	Group Lessons in Percussion
MUSC 156	Beat Making Lab
MUSC 157	Rap Lab
MUSC 200	Advanced Individual Lessons in Keyboard ^H
MUSC 202	Advanced Individual Lessons in Voice ^H
MUSC 203	Advanced Individual Lessons in Strings ^H
MUSC 204	Advanced Individual Lessons in Woodwinds ^H
MUSC 205	Advanced Individual Lessons in Brass ^H
MUSC 206	Advanced Individual Lessons in Percussion ^H
MUSC 207	Advanced Applied Instruction
MUSC 266	 Composition
MUSC 381	Inside the Song: Analysis of Songcraft
Ensemble performance (four hours) chosen from:	
MUSC 211	Ensemble I
MUSC 212	Ensemble II
MUSC 213	Ensemble III
MUSC 214	Chamber Music ^{2, H}
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.	
Total Hours	

4

9

35-39

^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.

¹ 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.

² Pursuant to area needs and preferences, or by DUS approval.

Music (MUSC) course descriptions (p.).

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.

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. 711) 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. 471)
- Music Major, Bachelor of Music (B.Mus.) (p. 472)

Minor

- Music Minor (p. 475)
- Musical Theatre Performance Minor (p. 290)

Graduate Programs

- M.A. in Musicology (<https://catalog.unc.edu/graduate/schools-departments/music/>)
- Ph.D. in Musicology (<https://catalog.unc.edu/graduate/schools-departments/music/>)

Courses

- Music (MUSC) (<https://catalog.unc.edu/courses/musc/>)

Contact Information

Department of Music

Visit Program Website (<http://music.unc.edu>)
Hill Hall, CB# 3320
(919) 962-1039

Chair

Jocelyn Neal
jneal@email.unc.edu

Associate Chair for Performance, Composition, and Music Education

Evan Feldman
evanfeldman@unc.edu

Associate Chair for Academic Studies

Michael Figueroa
mfigueroa@unc.edu

Director of Undergraduate Studies

Lee Weisert
weisert@email.unc.edu

Registrar

Adrian Mendoza
armendoz@unc.edu

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. 711).

Courses listed more than once can be counted for only one category.

Code	Title	Hours
Core Requirements		
Foundations:		
MUSC 120	 Foundations in Music ^F	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) ^H	3
Two courses (six hours), chosen from:		6
MUSC 132	 Tonal Theory II (requires a grade of C or better) ^H	
MUSC 135	Jazz Theory	
MUSC 137	 Patterns in Music	
MUSC 156	 Beat Making Lab	
MUSC 166	Introduction to Composition	
MUSC 232	Theory III ^H	

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). ¹		12
Ensemble performance (eight hours) chosen from:		8
MUSC 211	Ensemble I	
MUSC 212	Ensemble II	
MUSC 214	Chamber Music ^{2, H}	
Keyboard skills (two hours) chosen from:		2
MUSC 135	Jazz Theory	
MUSC 136	Keyboard Skills I	
MUSC 200	Advanced Individual Lessons in Keyboard ^{3, H}	
MUSC 236	Keyboard Skills II	
Senior Presentation		3
MUSC 300	 Advanced Keyboard Lessons and Recital	
MUSC 302	 Advanced Voice Lessons and Recital ^H	
MUSC 303	 Advanced String Lessons and Recital ^H	
MUSC 304	 Advanced Woodwind Lessons and Recital ^H	
MUSC 305	 Advanced Brass Lessons and Recital ^H	
MUSC 306	 Advanced Percussion Lessons and Recital ^H	
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.

¹ 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.

² Pursuant to area needs and preferences, or by approval of the director of undergraduate studies.

³ 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.

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
First-Year Foundation Courses	
IDST 101 College Thriving	1
ENGL 105 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^{1, F}	3
IDST 111L Data Literacy Lab	1
Global Language through level 3 (p. 649)	varies
Hours	8
Fall Semester	
MUSC 120 Foundations in Music ^{1, F}	3
Keyboard Skills	1-3
MUSC 135 Jazz Theory	
MUSC 136 Keyboard Skills I	
MUSC 200 Advanced Individual Lessons in Keyboard ^H	
Musicianship	1
MUSC 128 Improvisation Without Borders	
MUSC 20x Individual Lessons	2
Ensemble	1
Hours	8-10
Spring Semester	
MUSC 131 Tonal Theory I & MUSC 130 and Tonal Musicianship Skills I ^H	4
Keyboard Skills	1-3
MUSC 135 Jazz Theory	
MUSC 236 Keyboard Skills II	
MUSC 200 Advanced Individual Lessons in Keyboard ^H	
MUSC 20x Individual Lessons	2
Ensemble	1
Hours	8-10
Second Year	
Fall Semester	
Theory	3
MUSC 132 Tonal Theory II ^H	
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
Hours	10
Spring Semester	
Theory	3
MUSC 232 Theory III ^H	
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
Hours	9
Junior Year	
Fall Semester	
MUSC 351 Critical Approaches to Music: Guided Research	3
MUSC 20x Individual Lessons	2
Ensemble	1
MUSC --- Music Elective	3
Hours	9
Spring Semester	
MUSC 20x Individual Lessons	2
Ensemble	1
MUSC --- Music Elective	6
Hours	9
Senior Year	
Fall Semester	
MUSC 30x Senior Presentation (or in spring semester)	3
Ensemble	1
MUSC --- Music Elective	3
Hours	7
Spring Semester	
Senior Presentation (if not completed in Fall Semester)	
Ensemble	1
MUSC --- Music Elective	3
Hours	4
Total Hours	72-76

^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.

¹ 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. 711) 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. 471)
- Music Major, Bachelor of Music (B.Mus.) (p. 472)

Minor

- Music Minor (p. 475)
- Musical Theatre Performance Minor (p. 290)

Graduate Programs

- M.A. in Musicology (<https://catalog.unc.edu/graduate/schools-departments/music/>)
- Ph.D. in Musicology (<https://catalog.unc.edu/graduate/schools-departments/music/>)

Courses

- Music (MUSC) (<https://catalog.unc.edu/courses/musc/>)

Contact Information

Department of Music

Visit Program Website (<http://music.unc.edu>)
Hill Hall, CB# 3320
(919) 962-1039

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Lee Weisert
weisert@email.unc.edu

Registrar

Adrian Mendoza
armendoz@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. 711).

The minor in music requires 15 hours as follows:

Code	Title	Hours
Core Requirements		
One of:		3
MUSC 120	 Foundations in Music ^F	
MUSC 121	 Fundamentals of Tonal Music I	
MUSC 131	Tonal Theory I ^H	
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:	
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 ^H
MUSC 287	 Opera as Drama ^H
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 ^H
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.	

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.

Music (MUSC) course descriptions (p.).

Department Programs

Majors

- Music Major, B.A. (p. 471)
- Music Major, Bachelor of Music (B.Mus.) (p. 472)

Minor

- Music Minor (p. 475)
- Musical Theatre Performance Minor (p. 290)

Graduate Programs

- M.A. in Musicology (<https://catalog.unc.edu/graduate/schools-departments/music/>)
- Ph.D. in Musicology (<https://catalog.unc.edu/graduate/schools-departments/music/>)

Courses

- Music (MUSC) (<https://catalog.unc.edu/courses/musc/>)

Contact Information

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armendoz@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. 711).

The minor requires 15 credit hours. Students can pursue one of three tracks.



Music Track

Code	Title	Hours
Core Requirements		
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 ^H	
At least 4 hours in Movement Literacy:		4
EXSS 10	Beginning Ballet	
EXSS 11	Introduction to Dance Technique	
EXSS 12	Beginning Modern Dance	
EXSS 20	Intermediate Ballet	
EXSS 22	Intermediate Modern Dance	
EXSS 30	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	
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 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
Core Requirements		
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
EXSS 10	Beginning Ballet	
EXSS 11	Introduction to Dance Technique	
EXSS 12	Beginning Modern Dance	
EXSS 20	Intermediate Ballet	
EXSS 22	Intermediate Modern Dance	
EXSS 30	Advanced Ballet	
DRAM 154	Performers' Awareness	
DRAM 155	Movement for the Actor	
The remaining 4 hours can come from either list above		4
Total Hours		15

Students in the dramatic track may not also pursue the dramatic art major or minor.

Hybrid Track

Code	Title	Hours
Core Requirements		
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
Music Literacy		
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 ^H	
Acting Literacy		
DRAM 135	 Acting for Nonmajors	
DRAM 140	Voice Training I	
DRAM 144	Acting the Song	
Movement Literacy		
EXSS 10	Beginning Ballet	
EXSS 11	Introduction to Dance Technique	
EXSS 12	Beginning Modern Dance	
EXSS 20	Intermediate Ballet	
EXSS 22	Intermediate Modern Dance	
EXSS 30	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

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Minor

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Courses

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Contact Information

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Visit Program Website (<http://music.unc.edu>)
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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 zachtyra@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 Zach Tyra (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. 479)

Courses

- Naval Sciences (NAVS) (<https://catalog.unc.edu/courses/navs/>)

Professor

Brian Tanaka, Captain, USN

Associate Professor

Matthew Angel, Major, USMC

Instructors

Precious Cuaycong, Lieutenant, USN (Surface Warfare Officer – Nuclear)

Zach Tyra, Lieutenant, USN (Aviation Officer)

Derek McNamara, Captain, USMC (Marine Officer Instructor)

Contact Information

Department of Naval Science

Visit Program Website (<https://nrotc.sites.unc.edu/>)

Naval Armory, 221 South Columbia Street, CB# 3325
(919) 962-1198

Chair

Captain Brian Tanaka

Director of Undergraduate Studies

Lieutenant Zach Tyra
zachtyra@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. 711).

Code	Title	Hours
Core Requirements		
The minor includes 14 hours of coursework selected from among the following courses:		
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

Total Hours

14

Scholarship Requirements

Navy and Marine National Scholarship students must complete the following requirements:

Code	Title	Hours
Two English courses from the following options:		6
ENGL 100	Basic Writing	
ENGL 105	 English Composition and Rhetoric	
ENGL 123	 Introduction to Fiction ^H	
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 ^H	
ENGL 149	 Digital Composition	
ENGL 213	Grammar of Current English	
ENGL 230	 Milton ^H	
ENGL 283	 Life Writing ^H	
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:	
AAAD 101	Introduction to Africa
AAAD 301	Contemporary China-Africa Relations
AAAD 414	Senegalese Society and Culture
ANTH 280	Anthropology of War and Peace
ARAB 150	Introduction to Arab Cultures
ASIA 131	Southeast Asia before 1800 through Digital History
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	Islam and Muslim Life before 1500
ASIA 181	Islam and Muslim Life since 1500
ASIA 265	Eastern Asia
ASIA 267	South Asia
ASIA 277	The Conflict over Israel/Palestine
ASIA 282	China in the World
ASIA 288	Modern Japan
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 ^H
HIST 276	The Modern Middle East

3

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 ^{H, F}
POLI 237	The Politics of China
POLI 452	Africa and International Conflict
RELI 180	Islam and Muslim Life before 1500
RELI 181	Islam and Muslim Life since 1500
SOCI 419	Sociology of the Islamic World
Six hours of physics-based calculus and six hours of physics at or above MATH 231 and PHYS 118	
Total Hours	24

^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
First Year		
Fall Semester		
NAVS 101	Introduction to Naval Science	1
NAVS 500	Naval Science Laboratory	0
English elective		3
Hours		4



Spring Semester

HIST 212	History of Sea Power	3
NAVS 500	Naval Science Laboratory	0
English elective		3
Hours		6


Sophomore Year**Fall Semester**

NAVS 301	 Naval Ships Engineering Systems	3
NAVS 500	Naval Science Laboratory	0
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
American History or National Security Policy elective		3
Hours		10



Spring Semester

NAVS 201	 Naval Leadership and Management	3
NAVS 500	Naval Science Laboratory	0
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
World Culture and Regional Studies elective		3
Hours		10



Junior Year**Fall Semester**

NAVS 202	Navigation	3
NAVS 202L	Navigation Laboratory	1
NAVS 500	Naval Science Laboratory	0
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
Hours		8


Spring Semester

NAVS 302	 Naval Weapons Systems	3
NAVS 500	Naval Science Laboratory	0
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
Hours		7

Senior Year**Fall Semester**

NAVS 402	 Naval Leadership and Ethics	3
NAVS 500	Naval Science Laboratory	0
AERO 393	 Air and Space Expeditionary Training ^{Counts as University Experiential Learning Credit}	1
Hours		4

Spring Semester





NAVS 401	 Naval Operations	4
NAVS 500	Naval Science Laboratory	0
Hours		4

Total Hours 53

^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
First Year		
Fall Semester		
NAVS 101	Introduction to Naval Science	1
NAVS 500	Naval Science Laboratory	0
English elective		3
Hours		4
Spring Semester		
HIST 212	History of Sea Power	3
NAVS 500	Naval Science Laboratory	0
English elective		3
Hours		6
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
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/>)

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Chair

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Director of Undergraduate Studies

Lieutenant Zach Tyra
zachtyra@unc.edu

Department of Nutrition

Introduction

The Department of Nutrition is one of the top-ranked nutrition departments in the country. The curriculum offers a wide range of courses on the nutritional, epidemiological, intervention, and policy 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. 483)

Courses

- Nutrition (NUTR) (<https://catalog.unc.edu/courses/nutr/>)

Distinguished Professors

Linda Adair, Carla Smith Chamblee Distinguished Professor, Director of Graduate Studies

Alice Ammerman, Mildred Kaufman Distinguished Professor

Penny Gordon-Larsen, W. R. Kenan, Jr. Distinguished Professor, Vice Chancellor for Research

Stephen Hursting, AICR/WCRF Distinguished Professor

Elizabeth Mayer-Davis, Cary C. Boshamer Distinguished Professor, Dean of Graduate School

Barry Popkin, W.R. Kenan Jr. Distinguished Professor

Susan Smith, Dickson-Harris Teeter Distinguished Professor

Professors

Andrea M. Azcarate-Peril*

Cynthia Bulik*

Shufa Du

Anthony Hackney*

Thomas Keyserling*

Sergey Krupenko

Nobuyo Maeda*

ShuWen Ng

S. Raza Shaikh, Chair

Abbie Smith-Ryan*

Mirek Styblo

Susan Sumner

Deborah Tate

Amanda Thompson*

Saroja Voruganti

Associate Professors

John Batsis*

Melissa Bauserman*

Ian Carroll, B.S.P.H. and M.S. Program Co-Director

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

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Assistant Professors

Seema Agrawal

Ximena Bustamante Marin, B.S.P.H. and M.S. Program Co-Director

Michael Coleman

Molly De Marco

Beth Jenks

Anna Kahkoska

Stephanie Martin

Kamaria Mason

Katie Meyer

Brooke Nezami

Wimal Pathmasiri

Blake Rushing

Nipun Saini

Jessica Soldavini

Isis Trujillo

Matthew Ulgherait

Heather Wasser

*Primary appointment is in another UNC department; faculty's secondary appointment is Nutrition.

Contact Information

Department of Nutrition

Visit Program Website (<https://sph.unc.edu/nutr/unc-nutrition/>)

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Chair

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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 nutritional, epidemiological, intervention, and policy 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 required to take 18 credits (taken during the junior and senior years of the program) in a field of their choice that complement the nutrition major. The 18 credits could also be used to obtain a second major or minor in the 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; this program can be completed in one calendar year (summer, fall, spring) following completion of the B.S.P.H. in Nutrition 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. 483) to the program is required.

Student Learning Outcomes

Upon completion of the **nutrition program (both tracks)**, students should be able to:

- 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.
- 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.
- Apply the scientific method in the areas of nutritional biochemistry, nutrition epidemiology, and intervention and policy.

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.

- Demonstrate mastery of concepts in nutritional biochemistry and/or in other areas of nutrition science.

Students who complete the **nutrition health and society track** should be able to:

- Explain the role of food and nutrition as an essential element of life – from cell to an individual, and to society.
- Demonstrate effective communication of nutrition information within social, multiethnic, and environmental dimensions.
- Explain roles of the individual, society, government, and business in providing accessible, healthy food supplies and promoting healthy eating.

Prerequisite Courses Required for Admission to Both Tracks:

Code	Title	Hours
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory ^{1, H, F}	4
BIOL 252 & 252L	Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory ^{1, H}	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{1, H, F}	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{1, H, F}	4
Total Hours		16

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 ¹	3
CHEM 261	Introduction to Organic Chemistry I ^{1, H}	3
Total Hours		6

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ Must receive a C (not C-) or better in all prerequisite courses.

Admission

The Gillings School of Global Public Health offers five undergraduate majors: biostatistics, community and global public health, 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 their sophomore year for admission beginning in the fall of their junior year.

For current UNC–Chapel Hill students, additional information on application deadlines and how to apply can be found on 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 (<https://admissions.unc.edu/apply/types-of-applications/transfer/>) using the Transfer Common application.

For high school seniors, our five 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 2025–2026 academic year.

Requirements

The nutrition program provides two options:


- Nutrition Major, B.S.P.H.–Nutrition, Health, and Society (p. 484)
- Nutrition Major, B.S.P.H.–Nutrition Science and Research (p. 485)








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. 711).

Code	Title	Hours
Core Courses		
Public Health Core Courses:		
BIOS 600	Principles of Statistical Inference ¹	3
EPID 600	Principles of Epidemiology for Public Health ¹	3
SPHG 351	Foundations of Public Health ¹	3
SPHG 352	Public Health Systems and Solutions ¹	4
Other Core Courses: ²		
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
or NUTR 250	Global Sustainable Food Systems	

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 622	Nutrition Research Seminar	1
NUTR 630	Navigating Culture, Technology, and Communication in Nutrition	3
Research and Capstone:		
NUTR 295	 Undergraduate Research Experience in Nutrition ⁴	3
Additional Requirements		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4
BIOL 252 & 252L	 Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory ^H	4
18 hours of elective courses (e.g., 6 courses) from other fields of study ^{3,5,6}		18
Total Hours		72

^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.

¹ Must receive a C (not C-) or better.

² All other courses for the nutrition major, including science required courses, must receive a C (not C-) or better.

³ 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.

⁴ 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.

⁵ Students who pursue the food studies minor along with the NUTR major will use the core requirement NUTR 175 towards both degrees. Students should be aware that at least 51% of credits of the degree must belong only to the food studies minor. Generally, in a 5-class minor, 1 or 2 classes can overlap with the major, depending on how many credits are in each course.












⁶ 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. 711).

Code	Title	Hours
Core Courses		
Public Health Core Courses:		
BIOS 600	Principles of Statistical Inference ¹	3
EPID 600	Principles of Epidemiology for Public Health ¹	3
SPHG 351	Foundations of Public Health ¹	3
SPHG 352	Public Health Systems and Solutions ¹	4
Other Core Courses: ²		
NUTR 295	 Undergraduate Research Experience in Nutrition ⁵	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 622	Nutrition Research Seminar	1
NUTR 692H	 Honors Research in Nutrition (optional)	3
Additional Requirements ²		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{3, H, F}	4
BIOL 103	 How Cells Function ^{4, F}	3
BIOL 252 & 252L	 Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory ^{3, H}	4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{3, H, F}	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{3, H, F}	4
CHEM 241 & 241L	Modern Analytical Methods for Separation and Characterization and Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds ^H	4
CHEM 261	Introduction to Organic Chemistry I ^{3, H}	3
CHEM 262 & 262L	Introduction to Organic Chemistry II and  Laboratory in Organic Chemistry ^H	4
MATH 231	 Calculus of Functions of One Variable I ^{3, H, F}	4
NUTR 240	Introduction to Human Nutrition ³	3

PHYS 114	 General Physics I: For Students of the Life Sciences ^F	4
or PHYS 118	 Introductory Calculus-based Mechanics and Relativity	
PHYS 115	 General Physics II: For Students of the Life Sciences ^F	4
or PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta	
Total Hours		77

^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.

¹ Must receive a C (not C-) or better.

² All other courses for the nutrition major, including science required courses, must receive a C (not C-) or better.

³ Prerequisite course required for admission to the program.

⁴ BIOL 220 (Molecular Genetics) is also recommended for students planning to apply to graduate and medical schools

⁵ 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.

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

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Ian Carroll
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Program Co-Director

Ximena Bustamante Marin
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General Student Inquiries
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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 graduate 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 or the specific research lab they are interested in for more information. Contact information is available on the department's website (<https://www.med.unc.edu/pathology/>).

Graduate Programs

- Ph.D. in Pathology (<https://catalog.unc.edu/graduate/schools-departments/pathology-laboratory-medicine/>)

Courses

- Pathology (PATH) (<https://catalog.unc.edu/courses/path/>)

Contact Information

Department of Pathology and Laboratory Medicine

Visit Program Website (<http://www.med.unc.edu/pathology/>)
Brinkhous-Bullitt Building, CB# 7525
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Director of Graduate Studies

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Chair

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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. 487)

Minors

- Conflict Management Minor (p. 492)

Courses

- Peace, War, and Defense (PWAD) (<https://catalog.unc.edu/courses/pwad/>)

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).

Contact Information

Curriculum in Peace, War, and Defense

Visit Program Website (<https://pwad.unc.edu/>)
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Chair and Director of Undergraduate Studies

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Business Officer

Kayla Fleetwood
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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. 711).

Code	Title	Hours
Core Requirements		
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) ¹		12
Two courses chosen from outside the area of concentration (see course lists below) ¹		6
Additional Requirements		
Through level 5 of a single modern foreign language. ²		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 ^H	
ECON 101	 Introduction to Economics ^{H, F}	
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 ^F	
PHIL 160	 Virtue, Value, and Happiness: An Introduction to Moral Theory ^H	
PHIL 170	 Liberty, Rights, and Responsibilities: Introduction to Social Ethics and Political Thought ^H	
POLI 100	 American Democracy in Changing Times ^{H, F}	
POLI 150	 International Relations and Global Politics ^{H, F}	
POLI 239	 Introduction to European Government ^H	
PSYC 101	 General Psychology ^F	
SOCI 101	 Sociological Perspectives ^H	
STOR 151	 Introduction to Data Analysis	
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.

^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.

¹ 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.

² 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 ^H	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 ^H	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 ^H	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 ^H	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 ^H	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 ^H	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 ^H	3
POLI 469	Conflict and Intervention in the Former Yugoslavia ^H	3
POLI/PWAD 458	International Conflict Management and Resolution ^H	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 ^H	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

^H 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 ^H	3
CMPL/PWAD 489	Empire and Diplomacy ^H	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 Geo-Politics 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 ^H	3
PLCY 220	The Politics of Public Policy ^H	3
PLCY/PWAD 101	Making Public Policy ^H	3
PLCY/PWAD 110	Global Policy Issues ^H	3
PLCY/PWAD 430	Analysis of National Security Policy	3
POLI 150	International Relations and Global Politics ^{H, F}	3
POLI 231	Latin America and the United States in World Politics	3
POLI 252	International Organizations and Global Issues ^H	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 ^H	3
POLI 452	Africa and International Conflict	3
POLI 469	Conflict and Intervention in the Former Yugoslavia ^H	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 ^H	3
POLI/PWAD 459	Trans-Atlantic Security ^H	3
PSYC 490	Current Topics in Psychology ^H	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

^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 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 ^H	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 Geo-Politics from the Cold War to the Present	3
HIST 486/PWAD 485	Extremism, Terrorism, and Security in Postwar Europe ^H	3
HIST/PWAD 354/WGST 353	War and Gender in Movies ^H	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 ^{H, F}	3
POLI/PWAD 444	 Terrorism and International Peace	3
POLI/PWAD 459	Trans-Atlantic Security ^H	3
PSYC 490	Current Topics in Psychology (with approval, based on topic) ^H	3
PWAD 352	The History of Intelligence Operations	3
PWAD 388	Chinese Strategic Thought: Antiquity to the Present	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.

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 ^H	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 ^H	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 ^H	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. 487)

Minors

- Conflict Management Minor (p. 492)

Courses

- Peace, War, and Defense (PWAD) (<https://catalog.unc.edu/courses/pwad/>)

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
Stephen Gent
gent@email.unc.edu

Business Officer
Kayla Fleetwood
fleetwok@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. 711).

Code	Title	Hours
Core Requirements		
PWAD 250	 Introduction to Peace and Security Studies	3
Practical-based courses (select three)		9
ANTH 147	 Comparative Healing Systems	
BUSI 401	 Management and Corporate Communication ¹	
BUSI 405	 Leading and Managing: An Introduction to Organizational Behavior ¹	
BUSI 470	Storytelling to Influence and Inspire (1.5 credit hours) ¹	
BUSI 545	Negotiations (BUSI 405 prerequisite, 1.5 credits) ¹	
BUSI 555	Groups and Teams in Organizations (BUSI 405 prerequisite, 1.5 credits) ¹	
DRAM 140	Voice Training I	
	or PLCY 305 Communicating Under Pressure: Tools for Effective Communication	
EDUC 309	 Foundations of Leadership ^{4, F}	
EDUC 357	Organizational and Community Development ⁴	
EDUC 403	Individuals, Families, and Communities in Diverse Contexts ⁴	
EDUC 410	Families and Communities in Diverse Contexts for Youth ⁴	
EXSS 430	Introduction to Leadership and Group Dynamics ⁵	
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 ³	
PHIL 160	 Virtue, Value, and Happiness: An Introduction to Moral Theory ^{3, H}	
PHIL 163	 Practical Ethics: Moral Reasoning and How We Live ^{3, H}	
PHIL 164	 Morality and Business ³	
PHIL/POLI/ PWAD 272	 The Ethics of Peace, War, and Defense ³	
PLCY 355	 Restorative Justice	
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 ^H	
PWAD 480	 The Practice of Connecting with Strangers	

SOCI 273	 Social and Economic Justice, Experiential Education
or SOCI 274	Advocacy Strategies: Communication Across Movements
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	
Human Behavior and Brain Function	
ANTH 325	 Emotions and Society
EDUC 375	 Identity and Sexuality ⁴
NSCI 175	 Introduction to Neuroscience ^{H, F}
POLI 215	 Political Psychology: An Introduction
PSYC 230	Cognitive Psychology ^{2, H}
PSYC 260	Social Psychology ^{2, H}
PSYC 430	Human Memory ²
PSYC 501	Theoretical, Empirical Perspectives on Personality ²
PSYC 565	Stereotyping, Prejudice, and Discrimination ²
PSYC 566	Attitude Change ²
PSYC 569	Practical Wisdom from Advanced Social Psychology ²
PSYC 570	The Social Psychology of Self-Regulation ²
Domestic- and Internationally Related Courses	
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 ^H
ASIA/JWST/PWAD 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music
GLBL 401	 Right Wing Populism in Global Perspective ^H
GLBL 415	Dealing with Difference: Criminal Justice, Race, and Social Movements in Globalization ^H
GLBL 450	 Social Change in Times of Crisis: Knowledge, Action, and Ontology ^H
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 ^H
HIST 510	Human Rights in the Modern World ^H
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 ^{3, H}
PLCY 430	Analysis of National Security Policy
POLI/PWAD 150	 International Relations and Global Politics ^{H, F}
POLI 235	 The Politics of Russia and Eurasia ^H
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 ^H
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**

^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.

¹ 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."

² PSYC 101 is a required prerequisite. Some PSYC courses may have additional prerequisites (see course description).

³ Students may select only one PHIL course from the list.

⁴ Registration priority will be given to education majors and minors. Conflict management students can register after School of Education majors and minors.

⁵ 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. 491) for special opportunities.

Department Programs

Majors

- Peace, War, and Defense Major, B.A. (p. 487)

Minors

- Conflict Management Minor (p. 492)

Courses

- Peace, War, and Defense (PWAD) (<https://catalog.unc.edu/courses/pwad/>)

Contact Information

Curriculum in Peace, War, and Defense

Visit Program Website (<https://pwad.unc.edu/>)
401 Hamilton Hall, CB# 3200
(919) 962-3093

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tamari@email.unc.edu

Student Services Manager (SSM)

Shakierah Clark
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Chair and Director of Undergraduate Studies

Stephen Gent
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Business Officer

Kayla Fleetwood
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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. 495)

Minors

- Philosophy Minor (p. 496)
- Philosophy, Politics, and Economics (PPE) Minor (p. 497)

Graduate Programs

- M.A. in Philosophy (<https://catalog.unc.edu/graduate/schools-departments/philosophy/>)
- Ph.D. in Philosophy (<https://catalog.unc.edu/graduate/schools-departments/philosophy/>)

Courses

- Philosophy (PHIL) (<https://catalog.unc.edu/courses/phil/>)

Distinguished Professors

Thomas Hofweber, Marc Lange, C.D.C. Reeve, Geoffrey Sayre-McCord.

Professors

Luc Bovens, Thomas Dougherty, Markus Kohl, Matthew Kotzen, Mariska Leunissen, Ram Neta, James Pryor, John T. Roberts, Sarah Stroud, Rebecca Walker, Alexander Worsnip.

Associate Professors

Jessica Keiser, Patricia Marechal.

Assistant Professors

Rosalind Chaplin, Pietro Cibinel, Daniel Herrmann, Harry Lloyd, Daniel Muñoz, Margaret Shea.

Teaching Assistant Professors

William Conner, Katie Deaven, Samuel Fullhart, Paul Garofalo, Rory Hanlon, Michael Vazquez.

Professors Emeriti

Bernard Boxill, Thomas E. Hill Jr., William G. Lycan, Douglas MacLean, Stanley Munsat, Alan Nelson, Gerald J. Postema, Michael D. Resnik, Robert D. Vance, Susan Wolf.

Contact Information

Department of Philosophy

Visit Program Website (<http://philosophy.unc.edu>)
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(919) 962-7291

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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. 711).

Code	Title	Hours
Core requirements		
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
History of philosophy		
Courses above 100 with a second digit of one or two (e.g., PHIL 110, PHIL 210, PHIL 220)		
Metaphysics, epistemology, philosophy of mind, and philosophy of language		
Courses above 100 with a second digit of three or four (e.g., PHIL 134, PHIL 230, PHIL 340)		
Logic and philosophy of science		
Courses above 100 with a second digit of five (e.g., PHIL 150, PHIL 155, PHIL 355)		
Value theory		
Courses above 100 with a second digit of six, seven, or eight (e.g., PHIL 160, PHIL 275, PHIL 381)		
Total Hours		27

Philosophy (PHIL) course descriptions (p.).

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/departments-talk/>). See the Department of Philosophy's website (<https://philosophy.unc.edu/>) for details.

Department Programs

Major

- Philosophy Major, B.A. (p. 495)

Minors

- Philosophy Minor (p. 496)
- Philosophy, Politics, and Economics (PPE) Minor (p. 497)

Graduate Programs

- M.A. in Philosophy (<https://catalog.unc.edu/graduate/schools-departments/philosophy/>)
- Ph.D. in Philosophy (<https://catalog.unc.edu/graduate/schools-departments/philosophy/>)

Courses

- Philosophy (PHIL) (<https://catalog.unc.edu/courses/phil/>)

Contact Information

Department of Philosophy

Visit Program Website (<http://philosophy.unc.edu>)
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(919) 962-7291

Chair

Matthew Kotzen
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Director of Undergraduate Studies

Markus Kohl
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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. 711).

Code	Title	Hours
Core Requirements		
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
History of philosophy		
Courses above 100 with a second digit of one or two (e.g., PHIL 110, PHIL 210, PHIL 220)		
Metaphysics, epistemology, philosophy of mind, and philosophy of language		
Courses above 100 with a second digit of 3 or 4 (e.g., PHIL 134, PHIL 230, PHIL 340)		
Logic and philosophy of science		
Courses above 100 with a second digit of five (e.g., PHIL 150, PHIL 155, PHIL 355)		
Value theory		
Courses above 100 with a second digit of six, seven, or eight (e.g., PHIL 160, PHIL 275, PHIL 381)		
Total Hours		15

Philosophy (PHIL) course descriptions (p.).

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. 496) for special opportunities.

Department Programs

Major

- Philosophy Major, B.A. (p. 495)

Minors

- Philosophy Minor (p. 496)
- Philosophy, Politics, and Economics (PPE) Minor (p. 497)

Graduate Programs

- M.A. in Philosophy (<https://catalog.unc.edu/graduate/schools-departments/philosophy/>)
- Ph.D. in Philosophy (<https://catalog.unc.edu/graduate/schools-departments/philosophy/>)

Courses

- Philosophy (PHIL) (<https://catalog.unc.edu/courses/phil/>)

Contact Information

Department of Philosophy

Visit Program Website (<http://philosophy.unc.edu>)
Caldwell Hall, 240 East Cameron Ave., CB# 3125
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Chair

Matthew Kotzen
kotzen@email.unc.edu

Director of Undergraduate Studies

Markus Kohl
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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. 711).

The PPE minor requires five courses:

Code	Title	Hours
Requirements		
PHIL/POLI/ECON 384	Gateway to Philosophy, Politics, and Economics (gateway course) ^H	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 ^H	
PHIL 157	Logic and Decision Theory ^H	
PHIL 160	Virtue, Value, and Happiness: An Introduction to Moral Theory ^H	
PHIL 163	Practical Ethics: Moral Reasoning and How We Live ^H	
PHIL 164	Morality and Business	
PHIL 165	Bioethics ^H	
PHIL 170	Liberty, Rights, and Responsibilities: Introduction to Social Ethics and Political Thought ^H	
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 ^H	
PHIL 274	Race, Racism, and Social Justice: African-American Political Philosophy ^H	
PHIL 276	Ideology, Capitalism, and Critique	
PHIL 280	Morality, Law, and Justice: Issues in Legal Philosophy ^H	
PHIL 364	Ethics and Economics	
PHIL 368	Living Things, Wilderness, and Ecosystems: An Introduction to Environmental Ethics ^H	
PHIL 370	Authority, Freedom, and Rights: Advanced Political Philosophy	
PLCY 71	First-Year Seminar: Justice and Inequality ^H	
PLCY 340	Justice in Public Policy ^H	
One political science course chosen from:		3
PLCY/PWAD 101	Making Public Policy ^H	
PLCY/PWAD 220	The Politics of Public Policy ^H	
PLCY 352H	Honors Seminar on Public Policy and Global Affairs	
POLI 130	Introduction to Comparative Politics ^{H, F}	

POLI 270	 Classical Political Thought ^H
POLI 271	 Modern Political Thought ^H
POLI 280	 American Political Thought After the Civil War ^H
POLI 288	 Strategy and Politics
POLI 401	Political Economy I: The Domestic System
POLI 442	 International Political Economy
POLI 470	Social and Political Philosophy ^H
POLI 472	Problems of Modern Democratic Theory ^H
POLI 474	 Global Justice
POLI 478	The Politics, Philosophy, and Economics of Education
One economics course chosen from:	
ECON 101	 Introduction to Economics ^{H, F}
ECON 411	Game Theory
ECON 434	History of Economic Doctrines
ECON 460	 International Economics
ECON 510	 Advanced Microeconomic Theory ^H
ECON 511	Advanced Game Theory in Economics ^H
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.

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. 495)

Minors

- Philosophy Minor (p. 496)
- Philosophy, Politics, and Economics (PPE) Minor (p. 497)

Graduate Programs

- M.A. in Philosophy (<https://catalog.unc.edu/graduate/schools-departments/philosophy/>)
- Ph.D. in Philosophy (<https://catalog.unc.edu/graduate/schools-departments/philosophy/>)

Courses

- Philosophy (PHIL) (<https://catalog.unc.edu/courses/phil/>)

Contact Information

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Director of Undergraduate Studies

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Department of Physics and Astronomy Introduction

Everything around you is influenced or governed by physics. Physics seeks to understand the fundamental workings of the universe, from the smallest particles like neutrinos to the vast structure of the cosmos. It unveils the underlying principles governing the world around us and serves as the cornerstone of all natural sciences, including chemistry, biology, oceanography, and geography.

The Department of Physics and Astronomy offers a range of degree tracks tailored to various interests and career paths:

- B.A. Tracks
 - Physics
 - Astronomy
 - Computational Physics
 - Energy
 - Engineering Physics
 - Medical and Biological Physics
 - Quantitative Finance
- B.S. Tracks
 - Physics
 - Astrophysics

These tracks align with diverse employment opportunities (<https://www.aps.org/careers/physicists/prospects.cfm>) for physics graduates, spanning high schools, government laboratories, financial institutions, medical facilities, data science, and high-tech industries.

Upon graduation, approximately 50 percent of physics bachelors transition directly into the workforce, while others pursue advanced degrees in physics, medical physics, business, law, or computer science.

Opt for a B.A. degree if you seek to blend your passion for physics with complementary disciplines such as computer science, environmental science, biophysics, medicine, engineering, or finance.

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 contacts tab 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 (<https://physics.unc.edu/undergrad/>).

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. 500).
 - Physics
 - Astronomy
 - Computational Physics
 - Energy
 - Engineering Physics
 - Medical and Biological Physics
 - Quantitative Finance
- Physics Major, B.S. (p. 510)
 - Physics
 - Astrophysics

Minors

- Astronomy Minor (p. 516)
- Physics Minor (p. 517)

Graduate Programs

- M.S. in Physics (<https://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)
- Ph.D. in Physics (<https://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)

Courses

- Astronomy (ASTR) (<https://catalog.unc.edu/courses/astr/>)
- Physics (PHYS) (<https://catalog.unc.edu/courses/phys/>)

Professors

Rosa Tamara Branca, James Christopher Clemens, Louise A. Dolan, Joaquin Emiliano Drut, Jonathan H. Engel, Adrienne Lynn Erickcek, Charles R. Evans, Fabian Heitsch, Reyco Henning, Christian G. Iliadis, Dmitri V. Khveshchenko, Nicholas M. Law, Rene Lopez, Jianping Lu, Laura Mersini-Houghton, Amy Lynn Oldenburg, Lu-Chang Qin, Daniel E. Reichart, Frank Tsui, John Franklin Wilkerson, Yue Wu, Otto Z. Zhou.

Associate Professors

Akaa Daniel Ayangeakaa, Brad Barlow, Andrew W. Mann, Amy Nicole Nicholson.

Assistant Professors

Igor Andreoni, Gökçe Başar, Julieta Gruszko, Carl Louis Rodriguez, Wei Zhang.

Research Professor

Arthur E. Champagne.

Research Associate Professor

Christina Redmon Inscoc.

Teaching Professor

Duane L. Deardorff.

Teaching Associate Professors

Colin Wallace, Jennifer Weinberg-Wolf.

Teaching Assistant Professor

Muxin Zhang.

Adjunct Professors

Gerald N. Cecil, Steven Mark Christensen, Michael R. Falvo, Brand Fortner, Yosuke Kanai, Alfred Kleinhammes, Enrique Platin, David Clarke Radford, John Michael Shull, Gregory Clayton Sloan, Rachel Lofsky Smith, Jie Tang.

Adjunct Associate Professors

David Hill, Yueh Lee, Thomas Osburn.

Professors Emeriti

Charles V. Briscoe, Bruce Carney, Gerald N. Cecil, Wayne Christiansen, Thomas Clegg, Kian S. Dy, John P. Hernandez, Robert Victor Janssens, Sheila Kannappan, Hugon J. Karwowski, Laurie E. McNeil, Yee Jack Ng, Nalin Parikh, James A. Rose, William J. Thompson, Sean Washburn.

Contact Information

Department of Physics and Astronomy

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Hannah M. Johnson
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Physics Major, B.A.

Everything around you is influenced or governed by physics. Physics seeks to understand the fundamental workings of the universe, from the smallest particles like neutrinos to the vast structure of the cosmos. It unveils the underlying principles governing the world around us and serves as the cornerstone of all natural sciences, including chemistry, biology, oceanography, and geography.

The Department of Physics and Astronomy offers a range of degree tracks tailored to various interests and career paths:

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- B.S. Tracks
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 - Astrophysics

These tracks align with diverse employment opportunities (<https://www.aps.org/careers/physicists/prospects.cfm>) for physics graduates, spanning high schools, government laboratories, financial institutions, medical facilities, data science, and high-tech industries.

Upon graduation, approximately 50 percent of physics bachelors transition directly into the workforce, while others pursue advanced degrees in physics, medical physics, business, law, or computer science.

Opt for a B.A. degree if you seek to blend your passion for physics with complementary disciplines such as computer science, environmental science, biophysics, medicine, engineering, or finance.

Consider a B.S. degree if you intend to pursue graduate study in physics, astronomy, or a related field, or a career practicing physics.

Due to restrictions on course sharing, students are **not** allowed to complete both the major in physics and the minor in astronomy or to complete minors in both physics and astronomy.

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
- Use physics and mathematics knowledge to solve problems — Critical Thinking and Problem Solving
- Effectively conduct research under faculty guidance — Research and 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 leverage 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. 711).

Physics Major, B.A. – Standard Option

Code	Title	Hours
Core Requirements		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
PHYS 281L	 Experimental Techniques in Physics	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 201 or PHYS 401	Basic Mechanics ² Mechanics I	3
PHYS 211 or PHYS 311	Intermediate Electromagnetism ¹ Electromagnetism I	3
PHYS 421	Introduction to Quantum Mechanics ²	3
Nine additional credits chosen from ASTR (202 or numbered above 300) and PHYS (numbered above 200) ³		9
Additional Requirements		
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	3
CHEM 101	 General Descriptive Chemistry I ^{H, F}	3
CHEM 101L	 Quantitative Chemistry Laboratory I	1
Total Hours		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.

¹ Fall course.

















² Spring course.

³ Mentored research courses (PHYS 295, PHYS 395, and PHYS 293) may only fulfill a maximum of 3 credit hours towards this requirement.

Due to restrictions on course sharing, students are not allowed to complete both the major in Physics and the minor in Astronomy or to complete minors in both Physics and Astronomy.

Astronomy (ASTR) and Physics (PHYS) course descriptions (p.).

Physics Major, B.A. – Astronomy Option

Code	Title	Hours
Core Requirements		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
PHYS 281L	 Experimental Techniques in Physics	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 201 or PHYS 401	Basic Mechanics ² Mechanics I	3
PHYS 211 or PHYS 311	Intermediate Electromagnetism ¹ Electromagnetism I	3
PHYS 421	Introduction to Quantum Mechanics ²	3
Six additional credits chosen from ASTR (numbered above 300)		6
Three additional credits chosen from:		3
ASTR (numbered above 300)		
PHYS 231	 Physical Computing ^{2, H}	
PHYS 295	 Research with Faculty Mentor I	
PHYS 395	 Research with Faculty Mentor II	
PHYS 691H	 Senior Honor Thesis Research I	
PHYS 692H	 Senior Honor Thesis Research II	
Additional Requirements		
One of the following courses:		3
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 or ASTR 111	 Astronomy with Skynet: Our Place in Space Educational Research in Radio Astronomy	1
ASTR 202	Introduction to Astrophysics ¹	3
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	3
Total Hours		55

- ^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.










¹ Fall course.

² Spring course.

Due to restrictions on course sharing, students are not allowed to complete both the major in Physics and the minor in Astronomy or to complete minors in both Physics and Astronomy.

Astronomy (ASTR) and Physics (PHYS) course descriptions (p.).

Physics Major, B.A. – Computational Physics Option

Code	Title	Hours
Core Requirements		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	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 ¹	4
PHYS 201	Basic Mechanics ²	3
or PHYS 401	Mechanics I	
PHYS 211	Intermediate Electromagnetism ¹	3
or PHYS 311	Electromagnetism I	
PHYS 421	Introduction to Quantum Mechanics ²	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 ¹	
ASTR (numbered above 300)		
PHYS (numbered above 200) ³		
COMP (numbered above 420)		
MATH 347	 Linear Algebra for Applications ^F	
or MATH 57:Linear Algebra		
STOR 435	Introduction to Probability ^H	
Additional Requirements		
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	3
COMP 110	 Introduction to Programming ^H	3
COMP 210	Data Structures and Analysis	3
COMP 283	 Discrete Structures ^H	3
or MATH 381 Discrete Mathematics		
Total Hours		58

^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.

¹ Fall course.

² Spring course.








³ PHYS 594 and PHYS 632 are recommended.

Due to restrictions on course sharing, students are not allowed to complete both the major in Physics and the minor in Astronomy or to complete minors in both Physics and Astronomy

Astronomy (ASTR) and Physics (PHYS) course descriptions (p.).

Computer Science (COMP) course descriptions (<https://catalog.unc.edu/courses/comp/>).

Physics Major, B.A. – Energy Option

Code	Title	Hours
Core Requirements		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
PHYS 281L	 Experimental Techniques in Physics	3
PHYS 201	Basic Mechanics ²	3
or PHYS 401	Mechanics I	
PHYS 211	Intermediate Electromagnetism ¹	3
or PHYS 311	Electromagnetism I	
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 231	 Physical Computing ^H	4
or PHYS 451	Electronics I	
PHYS 381	Renewable Electric Power Systems	3
PHYS 421	Introduction to Quantum Mechanics ²	3
PHYS 441	Thermal Physics ¹	3
ENEC 2—	ENEC 200-Level Elective (One ENEC course numbered 200 or above)	3
ENEC 3—	ENEC 300-Level Elective (Two ENEC courses numbered 300 or above) ³	6
Additional Requirements		
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	3
Total Hours		58

^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.

¹ Fall course.











² Spring course.

³ ENEC 548 and ENEC 698 are highly recommended. Additionally, PHYS 293 could potentially fulfill one of these course requirements. Please consult with one of our department advisors for confirmation and guidance regarding course selections and requirements.

Due to restrictions on course sharing, students are not allowed to complete both the major in Physics and the minor in Astronomy or to complete minors in both Physics and Astronomy.

Physics (PHYS) course descriptions (<https://catalog.unc.edu/courses/phys/>).

Physics Major, B.A. – Medical and Biological Physics Option

Code	Title	Hours
Core Requirements		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
PHYS 281L	 Experimental Techniques in Physics	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 201 or PHYS 401	Basic Mechanics ² Mechanics I	3
PHYS 211 or PHYS 311	Intermediate Electromagnetism ¹ Electromagnetism I	3
PHYS 421	Introduction to Quantum Mechanics ²	3
PHYS 405	Biological Physics	3
PHYS 461 or PHYS 586	Introduction to Medical Physics Introduction to Biomedical Imaging Science	3
Additional Requirements		
BIOL 101	 Principles of Biology ^{H, F}	3
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102	 General Descriptive Chemistry II ^{H, F}	3
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	3
Three additional credits chosen from:		3
BIOL (numbered above 200)		
CHEM 261	Introduction to Organic Chemistry I ^H	
CHEM 262	Introduction to Organic Chemistry II ^H	
CHEM 430	Introduction to Biological Chemistry ^H	
PHYS (numbered above 200) ³		
Total Hours		58

^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.

¹ Fall course.

² Spring course.

³ PHYS 295 and PHYS 395 with research projects in medical and biological physics, and Introduction to Magnetic Resonance (PHYS 529) are recommended.




Due to restrictions on course sharing, students are not allowed to complete both the major in Physics and the minor in Astronomy or to complete minors in both Physics and Astronomy.




Biology (BIOL) course descriptions (<https://catalog.unc.edu/courses/biol/>).

Chemistry (CHEM) course descriptions (<https://catalog.unc.edu/courses/chem/>).

Physics (PHYS) course descriptions (<https://catalog.unc.edu/courses/phys/>).

Physics Major, B.A. – Quantitative Finance Option

Code	Title	Hours
Core Requirements		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
PHYS 281L	 Experimental Techniques in Physics	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 201 or PHYS 401	Basic Mechanics ² Mechanics I	3
PHYS 211 or PHYS 311	Intermediate Electromagnetism ¹ Electromagnetism I	3
PHYS 421	Introduction to Quantum Mechanics ²	3
PHYS/BMME 441 or CHEM 481	Thermal Physics ¹ Physical Chemistry I	3
Three additional credits chosen from the following options ³		3
BUSI 407	Financial Accounting ³	
BUSI 410	Business Analytics	
BUSI 584	Financial Modeling	
MATH courses numbered above 200		
PHYS courses numbered above 200		
COMP courses numbered above 200		
Additional Requirements		
BUSI 408	Corporate Finance ⁴	3
BUSI 580	Investments ^H	3
BUSI 588	Introduction to Derivative Securities and Risk Management ^{5, H}	1.5
BUSI 589	Fixed Income ^{5, H}	1.5
BUSI 600	Risk Management ⁵	1.5
BUSI 688	Applied Trading Strategies ^{5, H}	1.5

MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	3
Total Hours		57

^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.

¹ Fall course.

² Spring course.

³ Students are strongly encouraged to take BUSI 407.

⁴ ECON 101 (<https://catalog.unc.edu/search/?P=ECON%20101>) and one of BUSI 101, BUSI 102 (<https://catalog.unc.edu/search/?P=BUSI%20102>), or BUSI 107 (<https://catalog.unc.edu/search/?P=BUSI%20107>) are prerequisites for BUSI 408 (<https://catalog.unc.edu/search/?P=BUSI%20408>), but these prerequisites may be waived for students in the Quantitative Finance program.

⁵ 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.




Due to restrictions on course sharing, students are not allowed to complete both the major in Physics and the minor in Astronomy or to complete minors in both Physics and Astronomy.



Business Administration (BUSI) course descriptions (<https://catalog.unc.edu/undergraduate/programs-study/physics-major-ba/courses/busi/>).


Mathematics (MATH) course descriptions (<https://catalog.unc.edu/courses/math/>).

Physics (PHYS) course descriptions (<https://catalog.unc.edu/courses/phys/>).




Physics Major, B.A. – Engineering Physics Option

Code	Title	Hours
Core Requirements		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
PHYS 281L	 Experimental Techniques in Physics	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 201 or PHYS 401	Basic Mechanics ² Mechanics I	3
PHYS 211 or PHYS 311	Intermediate Electromagnetism ¹ Electromagnetism I	3

PHYS 231	 Physical Computing ^H	4
PHYS 421	Introduction to Quantum Mechanics ²	3
PHYS 441	Thermal Physics	3
PHYS 451	Electronics I	4
PHYS 481L	 Advanced Laboratory I	2
Six additional credits chosen from the following options ³		6

PHYS 395	 Research with Faculty Mentor II ⁴	
PHYS 447	Quantum Computing	
PHYS 452	Electronics II	
PHYS 471	Physics of Solid State Electronic Devices or PHYS 573 Introductory Solid State Physics	
PHYS 515	Optics or APPL 430 Optoelectronics from Materials to Devices	
APPL 435	Nanophotonics	
APPL 463	Bioelectronic Materials	
BMME 365	Systems and Signals	
BMME 385	Bioinstrumentation	
BMME 575	Practical Machine Learning for Biosignal Analysis	

Additional Requirements

MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	3
Total Hours		58

^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.

¹ Fall course.

² Spring course.

³ With at least one PHYS course

⁴ With a research project in Engineering Physics

Due to restrictions on course sharing, students are not allowed to complete both the major in Physics and the minor in Astronomy or to complete minors in both Physics and Astronomy.

Mathematics (MATH) course descriptions (<https://catalog.unc.edu/courses/math/>).

Physics (PHYS) course descriptions (<https://catalog.unc.edu/courses/phys/>).

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

First-Year Foundation Courses

IDST 101	College Thriving	1
First-Year Seminar or First-Year Launch (p. 640) ^F		3
Global Language through level 3 (p. 649)		varies

Major Courses

MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
CHEM 101	General Descriptive Chemistry I ^{H, F}	3
CHEM 101L	Quantitative Chemistry Laboratory I	1

Hours 12

Spring Semester

First-Year Foundation Courses

ENGL 105	English Composition and Rhetoric	3
IDST 111L	Data Literacy Lab	1

Major Courses

MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
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Hours 8

Sophomore Year

Fall Semester

PHYS 118	Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
MATH 233	Calculus of Functions of Several Variables ^{H, F}	4

Hours 8

Spring Semester

PHYS 119	Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	3
PHYS 331	Numerical Techniques for the Sciences I	4

Hours 11

Junior Year

Fall Semester

PHYS 281L	Experimental Techniques in Physics	3
PHYS 211 or PHYS 311	Intermediate Electromagnetism or Electromagnetism I	3

Hours 6

Spring Semester

PHYS 201 or PHYS 401	Basic Mechanics or Mechanics I	3
PHYS 421	Introduction to Quantum Mechanics	3

Hours 6

Senior Year

Fall Semester

Two courses (6 hours) chosen from ASTR (ASTR 202 or ASTR numbered above 300) and PHYS (numbered above 200)

Hours 6

Spring Semester

One course (3 hours) chosen from ASTR (ASTR 202 or ASTR numbered above 300) and PHYS (numbered above 200)

Hours 3

Total Hours 60

^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.

Astronomy Option

First Year

Fall Semester

Hours

First-Year Foundation Courses

IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
Global Language through level 3 (p. 649)		varies

Major Courses

MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
ASTR 101 & ASTR 100L and ^H Astronomy with Skynet: Our Place in Space	Introduction to Astronomy: The Solar System	4

Hours 12

Spring Semester

First-Year Foundation Courses

IDST 111L	Data Literacy Lab	1
First-Year Seminar or First-Year Launch (p. 640) ^F		3

Major Courses

PHYS 118	Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4

Hours 12

Sophomore Year

Fall Semester

PHYS 119	Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
MATH 233	Calculus of Functions of Several Variables ^{H, F}	4

Hours 8

Spring Semester

PHYS 281L	Experimental Techniques in Physics	3
MATH 383	First Course in Differential Equations ^H	3

PHYS 331	Numerical Techniques for the Sciences I	4
Hours		10
Junior Year		
Fall Semester		
ASTR 202	Introduction to Astrophysics	3
PHYS 211 or PHYS 311	Intermediate Electromagnetism or Electromagnetism I	3
Hours		6
Spring Semester		
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
Hours		9
Senior Year		
Fall Semester		
One course chosen from ASTR (numbered above 300)		3
One additional elective course ¹		3
Hours		6
Total Hours		63

^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.

¹ Three credits chosen from ASTR (numbered above 300) and PHYS 231, PHYS 295, PHYS 395, PHYS 691H, PHYS 692H.

Computational Physics Option

First Year		
Fall Semester		Hours
First-Year Foundation Courses		
IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
Global Language through level 3 (p. 649)		varies
Major Courses		
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
COMP 110	Introduction to Programming (if needed as prerequisite) ^H	3
Hours		11
Spring Semester		
First-Year Foundation Courses		
IDST 111L	Data Literacy Lab	1
First-Year Seminar or First-Year Launch (p. 640) ^F		3
Major Courses		

PHYS 118	Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
Hours		12
Sophomore Year		
Fall Semester		
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
MATH 233	Calculus of Functions of Several Variables ^{H, F}	4
COMP 283 or MATH 381	Discrete Structures ^H or Discrete Mathematics	3
Hours		11
Spring Semester		
MATH 383	First Course in Differential Equations ^H	3
COMP 210	Data Structures and Analysis	3
PHYS 331	Numerical Techniques for the Sciences I	4
Hours		10
Junior Year		
Fall Semester		
PHYS 211 or PHYS 311	Intermediate Electromagnetism or Electromagnetism I	3
PHYS 281L	Experimental Techniques in Physics	3
Hours		6
Spring Semester		
PHYS 201 or PHYS 401	Basic Mechanics or Mechanics I	3
PHYS 421	Introduction to Quantum Mechanics	3
Hours		6
Senior Year		
Fall Semester		
PHYS 332	Numerical Techniques for the Sciences II	4
Elective Course ¹		3
Hours		7
Spring Semester		
Elective Course ²		3
Hours		3
Total Hours		66

^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.

¹ 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.

² Courses may be chosen from PHYS 447 or COMP 447 or COMP 301.

Energy Option

First Year

Fall Semester

First-Year Foundation Courses

IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
Global Language through level 3 (p. 649)		varies

Major Courses

MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
Hours		8

Spring Semester

First-Year Foundation Courses

IDST 111L	Data Literacy Lab	1
First-Year Seminar or First-Year Launch (p. 640) ^F		3

Major Courses

PHYS 118	Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
Hours		12

Sophomore Year

Fall Semester

PHYS 119	Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
MATH 233	Calculus of Functions of Several Variables ^{H, F}	4
ENEC 2---	ENEC 200-Level Elective	3
Hours		11

Spring Semester

PHYS 281L	Experimental Techniques in Physics	3
MATH 383	First Course in Differential Equations ^H	3
PHYS 331	Numerical Techniques for the Sciences I	4
Hours		10

Junior Year

Fall Semester

PHYS 211 or PHYS 311	Intermediate Electromagnetism or Electromagnetism I	3
PHYS 231 or PHYS 451	Physical Computing ^H or Electronics I	4
ENEC 3---	ENEC 300-Level Elective	3
Hours		10

Spring Semester

PHYS 201 or PHYS 401	Basic Mechanics or Mechanics I	3
PHYS 421	Introduction to Quantum Mechanics	3
Hours		6

Senior Year

Fall Semester

PHYS 441	Thermal Physics	3
Hours		3

Spring Semester

PHYS 381	Renewable Electric Power Systems	3
ENEC ----	ENEC GENERAL ELECTIVE (At the 300 level or above)	3
Hours		6

Total Hours		66
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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.

Medical and Biological Physics Option

First Year

Fall Semester

IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
IDST 111L	Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies

Major Courses

MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
BIOL 101	Principles of Biology ^{H, F}	3
Hours		12

Spring Semester

First-Year Foundation Courses		
First-Year Seminar or First-Year Launch (p. 640) ^F		3

Major Courses


PHYS 118	Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{H, F}	4
Hours		15

Sophomore Year

Fall Semester

PHYS 119	Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
MATH 233	Calculus of Functions of Several Variables ^{H, F}	4
CHEM 102	General Descriptive Chemistry II ^{H, F}	3
Hours		11

Spring Semester

PHYS 281L	 Experimental Techniques in Physics	3
MATH 383	First Course in Differential Equations ^H	3
PHYS 331	Numerical Techniques for the Sciences I	4

Hours 10

Junior Year**Fall Semester**

PHYS 405	Biological Physics	3
Elective course ¹		3

Hours 6

Spring Semester

PHYS 201 or PHYS 401	Basic Mechanics or Mechanics I	3
PHYS 421	Introduction to Quantum Mechanics	3

Hours 6

Senior Year**Fall Semester**

PHYS 211 or PHYS 311	Intermediate Electromagnetism or Electromagnetism I	3
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Hours 3

Spring Semester

PHYS 461 or PHYS 586	Introduction to Medical Physics or Introduction to Biomedical Imaging Science	3
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Hours 3




Total Hours 66

^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.

¹ 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
IDST 111L	 Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies

Major Courses



MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
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Hours 9

Spring Semester**First-Year Foundation Courses**



First-Year Seminar or First-Year Launch (p. 640) ^F	3
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Major Courses

PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4


Hours 11

Sophomore Year**Fall Semester**

PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	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 ^H	3

Hours 10

Junior Year**Fall Semester**

PHYS 211 or PHYS 311	Intermediate Electromagnetism or Electromagnetism I	3
PHYS 441 or CHEM 481	Thermal Physics or Physical Chemistry I	3
BUSI 408	Corporate Finance	3

Hours 9

Spring Semester

PHYS 201 or PHYS 401	Basic Mechanics or Mechanics I	3
PHYS 421	Introduction to Quantum Mechanics	3
BUSI 580	Investments ^H	3

Hours 9

Senior Year**Fall Semester**

BUSI 588	Introduction to Derivative Securities and Risk Management ^H	1.5
BUSI 589	Fixed Income ^H	1.5
BUSI 688	Applied Trading Strategies ^H	1.5

Hours 4.5

Spring Semester

BUSI 600	Risk Management	1.5
Elective course ¹		3

Hours 4.5

Total Hours 65

^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.


¹ Courses may be chosen from BUSI 407, BUSI 410, BUSI 584, MATH (numbered above 200), PHYS (numbered above 200), or COMP (numbered above 200).

Engineering Physics Option


First Year

Fall Semester

First-Year Foundation Courses



IDST 101	 College Thriving	1
First-Year Seminar or First-Year Launch (p. 640)	^F	3
Global Language through level 3 (p. 649)		varies

Major Courses


MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
Hours		8

Spring Semester

First-Year Foundation Courses



ENGL 105	 English Composition and Rhetoric	3
IDST 111L	 Data Literacy Lab	1

Major Courses


MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
Hours		8

Sophomore Year

Fall Semester


PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
Hours		8

Spring Semester

PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	3
PHYS 331	Numerical Techniques for the Sciences I	4
Hours		11

Junior Year

Fall Semester

PHYS 281L	 Experimental Techniques in Physics	3
PHYS 211 or PHYS 311	Intermediate Electromagnetism or Electromagnetism I	3
PHYS 451	Electronics I	4
Hours		10

Spring Semester

PHYS 201 or PHYS 401	Basic Mechanics or Mechanics I	3
PHYS 421	Introduction to Quantum Mechanics	3

PHYS 231	 Physical Computing ^H	4
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Hours		10
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Senior Year

Fall Semester

PHYS 441	Thermal Physics	3
One course (3 hours) chosen from PHYS 452, PHYS 395, PHYS 447, PHYS 471 or PHYS 573, PHYS 515 or APPL 430, APPL 435, APPL 463, BMME 365, BMME 385, BMME 575		3

Hours		6
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Spring Semester

PHYS 481L	 Advanced Laboratory I	2
One course (3 hours) chosen from PHYS 452, PHYS 395, PHYS 447, PHYS 471 or PHYS 573, PHYS 515 or APPL 430, APPL 435, APPL 463, BMME 365, BMME 385, BMME 575		3

Hours		5
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Total Hours		66
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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.

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

More than half of our B.A. majors, alongside all B.S. majors, engage in at least one semester of research under the guidance of a faculty member. Many students find the experience so rewarding that they choose to continue for several semesters. PHYS 395 Research with Faculty Mentor II is a required course for all of our B.S. majors. In addition to PHYS 395, students have the option to enroll in PHYS 295 Research with Faculty Mentor I as many times as desired. These courses provide students with the opportunity to participate in cutting-edge research and acquire hands-on experience with various experimental tools and techniques, which can significantly enhance their resumes. Students may also earn course credit while pursuing internship opportunities in a physics-related industry by enrolling in PHYS 293. An approved learning contract is required prior to registering for PHYS 295, PHYS 395, and PHYS 293. Learning contracts and registration must be completed within the first week of classes.

Departmental Involvement

Within our department, two student-led organizations have their dedicated physical spaces. Both of these student organizations organize events throughout the year aimed at fostering social interaction within our student body, as well as facilitating connections between students and faculty.

The Society of Physics Students (<https://uncsps.com/>) is open to anyone interested in physics and is meant to build connections between undergraduates, graduate students, faculty, and alumni. Each year the society invites visitors to give talks and sponsors a number of events for students.

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.

Department Awards

The Physics and Astronomy department grants two annual awards to acknowledge academic excellence: the Shearin Award, for the most outstanding senior, and the Johnson Award, for the most outstanding junior. In addition, the Robert Sheldon Award for Undergraduate Research is presented to the student who demonstrates the most remarkable research accomplishments in the major.

Department Advising Program

Within the Physics and Astronomy Department, all majors, alongside their primary academic advisor from the Academic Advising Program (<https://advising.unc.edu/>), are assigned a department advisor. A list of department advisors can be found on the Physics Department Undergraduate webpage (<https://physics.unc.edu/undergrad/>).

These advisors, who are faculty members of the Physics and Astronomy Department, provide guidance to students on physics course planning, facilitate undergraduate research opportunities, offer support through the honors program, assist with internships, explore career prospects, and provide guidance with graduate school and fellowship applications.

All physics majors are required to meet with their department 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/>).

If you are interested in physics or astronomy and you are considering majoring in this field, you should contact one of our department advisors.

Department Programs

Majors

- Physics Major, B.A (p. 500).
 - Physics
 - Astronomy
 - Computational Physics
 - Energy
 - Engineering Physics
 - Medical and Biological Physics
 - Quantitative Finance
- Physics Major, B.S. (p. 510)

- Physics
- Astrophysics

Minors

- Astronomy Minor (p. 516)
- Physics Minor (p. 517)

Graduate Programs

- M.S. in Physics (<https://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)
- Ph.D. in Physics (<https://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)

Courses

- Astronomy (ASTR) (<https://catalog.unc.edu/courses/astr/>)
- Physics (PHYS) (<https://catalog.unc.edu/courses/phys/>)

Contact Information

Department of Physics and Astronomy

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

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Physics Major, B.S.

Everything around you is influenced or governed by physics. Physics seeks to understand the fundamental workings of the universe, from the smallest particles like neutrinos to the vast structure of the cosmos. It unveils the underlying principles governing the world around us and serves as the cornerstone of all natural sciences, including chemistry, biology, oceanography, and geography.

The Department of Physics and Astronomy offers a range of degree tracks tailored to various interests and career paths:

- B.A. Tracks
 - Physics
 - Astronomy
 - Computational Physics
 - Energy
 - Engineering Physics
 - Medical and Biological Physics
 - Quantitative Finance
- B.S. Tracks

- Physics
- Astrophysics

These tracks align with diverse employment opportunities (<https://www.aps.org/careers/physicists/prospects.cfm>) for physics graduates, spanning high schools, government laboratories, financial institutions, medical facilities, data science, and high-tech industries.

Upon graduation, approximately 50 percent of physics bachelors transition directly into the workforce, while others pursue advanced degrees in physics, medical physics, business, law, or computer science.

Opt for a B.A. degree if you seek to blend your passion for physics with complementary disciplines such as computer science, environmental science, biophysics, medicine, engineering, or finance.

Consider a B.S. degree if you intend to pursue graduate study in physics, astronomy, or a related field, or a career practicing physics.

Due to restrictions on course sharing, students are **not** allowed to complete both the major in physics and the minor in astronomy or to complete minors in both physics and astronomy.

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
- Use physics and mathematics knowledge to solve problems — Critical Thinking and Problem Solving
- Effectively conduct research under faculty guidance — Research and 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 leverage 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. 711).

Physics Major, B.S. –Standard Option

Code	Title	Hours
Core Requirements		
PHYS 281L	 Experimental Techniques in Physics	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 332	Numerical Techniques for the Sciences II ¹	4
PHYS 401	Mechanics I ²	3

PHYS 311	Electromagnetism I ¹	3
PHYS 412	Electromagnetism II ²	3
PHYS 421	Introduction to Quantum Mechanics ²	3
PHYS 451	Electronics I ¹	4
PHYS 521	Applications of Quantum Mechanics ¹	3
PHYS 441	Thermal Physics ¹	3
PHYS 481L	 Advanced Laboratory I ²	2
PHYS 395	 Research with Faculty Mentor II or PHYS 692H  Senior Honor Thesis Research II	3
Six additional credit hours chosen from:		6
ASTR 202	Introduction to Astrophysics	
ASTR (numbered above 300)		
PHYS (numbered above 300 except PHYS 395)		
MATH 528	Mathematical Methods for the Physical Sciences I	
MATH 529	Mathematical Methods for the Physical Sciences II	
PHYS 231	 Physical Computing ^{2, H}	
Additional Requirements		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	3
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I (CHEM 102/CHEM 102L are recommended but not required) ^{H, F}	4
Remaining General Education requirements and enough free electives to accumulate 120 academic hours		49
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.











¹ Fall course.

² Spring course.

Due to restrictions on course sharing, students are **not** allowed to complete both the major in Physics and the minor in Astronomy or to complete minors in both Physics and Astronomy.

Astronomy (ASTR) and Physics (PHYS) course descriptions (p.).

Physics Major, B.S. – Astrophysics Option

Code	Title	Hours
Core Requirements		
PHYS 281L	 Experimental Techniques in Physics	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 332	Numerical Techniques for the Sciences II ¹	4
PHYS 401	Mechanics I ²	3
PHYS 311	Electromagnetism I ¹	3
PHYS 412	Electromagnetism II ²	3
PHYS 421	Introduction to Quantum Mechanics ²	3
PHYS 521	Applications of Quantum Mechanics ¹	3
PHYS 441	Thermal Physics ¹	3
ASTR 519	 Observational Astronomy ¹	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 ^{2, H}	
PHYS 451	Electronics I ¹	
PHYS 632	Advanced Research Analytics	
Additional Requirements		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
ASTR 202	Introduction to Astrophysics (CHEM 101/ CHEM 101L are recommended but not required) ¹	3
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
MATH 383	First Course in Differential Equations ^H	3
Remaining General Education requirements and enough free electives to accumulate 120 academic hours		49
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.

¹ Fall course.

² Spring course.

Due to restrictions on course sharing, students are not allowed to complete both the major in Physics and the minor in Astronomy or to complete minors in both Physics and Astronomy.

Astronomy (ASTR) and Physics (PHYS) course descriptions (p.).












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
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	 Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Hours		8
Fall Semester		
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
Hours		8
Spring Semester		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
Hours		8
Sophomore Year		
Fall Semester		
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
Hours		8
Spring Semester		
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 ^H	3
Hours		13

Junior Year**Fall Semester**

PHYS 311	Electromagnetism I	3
PHYS 332	Numerical Techniques for the Sciences II	4
PHYS 451	Electronics I	4

Hours 11

Spring Semester

PHYS 412	Electromagnetism II	3
PHYS 421	Introduction to Quantum Mechanics	3
PHYS 395	Research with Faculty Mentor II ²	3

Hours 9

Senior Year**Fall Semester**

PHYS 441	Thermal Physics	3
PHYS 521	Applications of Quantum Mechanics	3
One elective course ¹		3

Hours 9

Spring Semester

PHYS 481L	Advanced Laboratory I	2
One elective course ¹		3

Hours 5

Total Hours 79

^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.

¹ Courses may be chosen from ASTR (numbered above 300), MATH 528, MATH 529, PHYS 231, PHYS (numbered above 300).

² 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
ENGL 105	English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies

Hours 8

Fall Semester

PHYS 118	Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4

Hours 8

Spring Semester

PHYS 119	Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
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MATH 233	Calculus of Functions of Several Variables ^{H, F}	4
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CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{H, F}	4
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Hours 12

Sophomore Year**Fall Semester**

PHYS 281L	Experimental Techniques in Physics	3
MATH 383	First Course in Differential Equations ^H	3
PHYS 331	Numerical Techniques for the Sciences I	4

Hours 10

Spring Semester

PHYS 401	Mechanics I	3
One elective course ¹		3

Hours 6

Junior Year**Fall Semester**

PHYS 311	Electromagnetism I	3
PHYS 332	Numerical Techniques for the Sciences II	4
PHYS 451	Electronics I	4

Hours 11

Spring Semester

PHYS 412	Electromagnetism II	3
PHYS 421	Introduction to Quantum Mechanics	3
PHYS 395	Research with Faculty Mentor II ²	3

Hours 9

Senior Year**Fall Semester**

PHYS 441	Thermal Physics	3
PHYS 521	Applications of Quantum Mechanics	3

Hours 6

Spring Semester

PHYS 481L	Advanced Laboratory I	2
One elective course ¹		3

Hours 5

Total Hours 75

^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.

¹ Courses may be chosen from ASTR (numbered above 300), MATH 528, MATH 529, PHYS 231, PHYS (numbered above 300).

² 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
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	 Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Hours		8
Fall Semester		
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
Hours		4
Spring Semester		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
Hours		8
Sophomore Year		
Fall Semester		
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
ASTR 202	Introduction to Astrophysics	3
Hours		11
Spring Semester		
PHYS 281L	 Experimental Techniques in Physics	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 401	Mechanics I	3
MATH 383	First Course in Differential Equations ^H	3
Hours		13
Junior Year		
Fall Semester		
PHYS 311	Electromagnetism I	3
PHYS 332	Numerical Techniques for the Sciences II	4
ASTR 519	 Observational Astronomy	4
Hours		11
Spring Semester		
PHYS 412	Electromagnetism II	3
PHYS 421	Introduction to Quantum Mechanics	3
One additional course chosen from ASTR (numbered above 300)		3
PHYS 395	 Research with Faculty Mentor II ²	3
Hours		12

Senior Year

Fall Semester

PHYS 441	Thermal Physics	3
PHYS 521	Applications of Quantum Mechanics	3
One elective course ¹		3
Hours		9

Spring Semester

One elective course ¹		3
Hours		3
Total Hours		79









^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.

¹ Course may be chosen from ASTR (numbered above 300), MATH 528, MATH 529, PHYS 231, PHYS 451, PHYS 632.

² 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
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	 Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Hours		8
Fall Semester		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
Hours		8
Spring Semester		
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	4
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
Hours		8
Sophomore Year		
Fall Semester		
PHYS 281L	 Experimental Techniques in Physics	3
MATH 383	First Course in Differential Equations ^H	3
ASTR 202	Introduction to Astrophysics	3
Hours		9

Spring Semester

PHYS 401	Mechanics I	3
PHYS 331	Numerical Techniques for the Sciences I	4
One additional course chosen from ASTR (numbered above 300)		3


Hours 10

Junior Year**Fall Semester**

PHYS 311	Electromagnetism I	3
PHYS 332	Numerical Techniques for the Sciences II	4
ASTR 519	 Observational Astronomy	4

Hours 11

Spring Semester

PHYS 412	Electromagnetism II	3
PHYS 421	Introduction to Quantum Mechanics	3
PHYS 395	 Research with Faculty Mentor II ²	3
One elective course ¹		3

Hours 12

Senior Year**Fall Semester**

PHYS 441	Thermal Physics	3
PHYS 521	Applications of Quantum Mechanics	3

Hours 6

Spring Semester

One elective course ¹		3
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Hours 3

Total Hours 75

^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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¹ Course may be chosen from ASTR (numbered above 300), MATH 528, MATH 529, PHYS 231, PHYS 451, PHYS 632.

² 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/](http://physics.unc.edu/undergraduate-)) for the program no later than the preregistration period in the spring semester of their junior year.

Undergraduate Research

More than half of our B.A. majors, alongside all B.S. majors, engage in at least one semester of research under the guidance of a faculty member. Many students find the experience so rewarding that they choose to continue for several semesters. PHYS 395 Research with Faculty Mentor II is a required course for all of our B.S. majors. In addition to PHYS 395, students have the option to enroll in PHYS 295 Research with Faculty Mentor I as many times as desired. These courses provide students with the opportunity to participate in cutting-edge research and acquire hands-on experience with various experimental tools and techniques, which can significantly enhance their resumes. Students may also earn course credit while pursuing internship opportunities in a physics-related industry by enrolling in PHYS 293. An approved learning contract is required prior to registering for PHYS 295, PHYS 395, and PHYS 293. Learning contracts and registration must be completed within the first week of classes.

Departmental Involvement

Within our department, two student-led organizations have their dedicated physical spaces. Both of these student organizations organize events throughout the year aimed at fostering social interaction within our student body, as well as facilitating connections between students and faculty.

The Society of Physics Students (<https://uncsps.com/>) is open to anyone interested in physics and is meant to build connections between undergraduates, graduate students, faculty, and alumni. Each year the society invites visitors to give talks and sponsors a number of events for students.

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.

Department Awards

The Physics and Astronomy department grants two annual awards to acknowledge academic excellence: the Shearin Award, for the most outstanding senior, and the Johnson Award, for the most outstanding junior. In addition, the Robert Sheldon Award for Undergraduate Research is presented to the student who demonstrates the most remarkable research accomplishments in the major.

Department Advising Program

Within the Physics and Astronomy Department, all majors, alongside their primary academic advisor from the Academic Advising Program (<https://advising.unc.edu/>), are assigned a department advisor. A list of department advisors can be found on the Physics Department Undergraduate webpage (<https://physics.unc.edu/undergrad/>).

These advisors, who are faculty members of the Physics and Astronomy Department, provide guidance to students on physics course planning, facilitate undergraduate research opportunities, offer support through the honors program, assist with internships, explore career prospects, and provide guidance with graduate school and fellowship applications.

All physics majors are required to meet with their department 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/>).

If you are interested in physics or astronomy and you are considering majoring in this field, you should contact one of our department advisors.

Department Programs

Majors

- Physics Major, B.A (p. 500).
 - Physics
 - Astronomy
 - Computational Physics
 - Energy
 - Engineering Physics
 - Medical and Biological Physics
 - Quantitative Finance
- Physics Major, B.S. (p. 510)
 - Physics
 - Astrophysics

Minors

- Astronomy Minor (p. 516)
- Physics Minor (p. 517)

Graduate Programs

- M.S. in Physics (<https://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)
- Ph.D. in Physics (<https://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)

Courses

- Astronomy (ASTR) (<https://catalog.unc.edu/courses/astr/>)
- Physics (PHYS) (<https://catalog.unc.edu/courses/phys/>)

Contact Information

Department of Physics and Astronomy

Visit Program Website (<http://physics.unc.edu>)
Phillips Hall, CB# 3255
(919) 962-2078

Chair

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Jennifer Weinberg-Wolf
jweinber@physics.unc.edu

Academic Affairs Coordinator

Hannah M. Johnson
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Astronomy Minor

Everything around you is influenced or governed by physics. Physics seeks to understand the fundamental workings of the universe, from the smallest particles like neutrinos to the vast structure of the cosmos. It unveils the underlying principles governing the world around us and serves as the cornerstone of all natural sciences, including chemistry, biology, oceanography, and geography.

The Department of Physics and Astronomy offers a range of degree tracks tailored to various interests and career paths:

- B.A. Tracks
 - Physics
 - Astronomy
 - Computational Physics
 - Energy
 - Engineering Physics
 - Medical and Biological Physics
 - Quantitative Finance
- B.S. Tracks
 - Physics
 - Astrophysics

These tracks align with diverse employment opportunities (<https://www.aps.org/careers/physicists/prospects.cfm>) for physics graduates, spanning high schools, government laboratories, financial institutions, medical facilities, data science, and high-tech industries.

Upon graduation, approximately 50 percent of physics bachelors transition directly into the workforce, while others pursue advanced degrees in physics, medical physics, business, law, or computer science.

Opt for a B.A. degree if you seek to blend your passion for physics with complementary disciplines such as computer science, environmental science, biophysics, medicine, engineering, or finance.

Consider a B.S. degree if you intend to pursue graduate study in physics, astronomy, or a related field, or a career practicing physics.

Due to restrictions on course sharing, students are not allowed to complete both the major in Physics and the minor in Astronomy or to complete minors in both Physics and Astronomy.


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. 711).

The minor in astronomy consists of five courses:

Code	Title	Hours
Core Requirements		
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 ¹	3
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{2, H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{3, H, F}	4
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.

¹ Fall course.

² Prerequisite, MATH 231; pre- or corequisite, MATH 232; permission of the instructor for students lacking the prerequisites.

³ Prerequisites, MATH 232 and PHYS 118; pre- or corequisite, MATH 233; permission of the instructor for students lacking the prerequisites.

Due to restrictions on course sharing, students are not allowed to complete both the major in Physics and the minor in Astronomy or to complete minors in both Physics and Astronomy.

See program page here (p. 509) for special opportunities.

Department Programs

Majors

- Physics Major, B.A. (p. 500).
 - Physics
 - Astronomy
 - Computational Physics
 - Energy
 - Engineering Physics
 - Medical and Biological Physics
 - Quantitative Finance
- Physics Major, B.S. (p. 510)
 - Physics
 - Astrophysics

Minors

- Astronomy Minor (p. 516)
- Physics Minor (p. 517)

Graduate Programs

- M.S. in Physics (<https://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)
- Ph.D. in Physics (<https://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)

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Physics Minor

Everything around you is influenced or governed by physics. Physics seeks to understand the fundamental workings of the universe, from the smallest particles like neutrinos to the vast structure of the cosmos. It unveils the underlying principles governing the world around us and serves as the cornerstone of all natural sciences, including chemistry, biology, oceanography, and geography.

The Department of Physics and Astronomy offers a range of degree tracks tailored to various interests and career paths:

- B.A. Tracks
 - Physics
 - Astronomy
 - Computational Physics
 - Energy
 - Engineering Physics
 - Medical and Biological Physics
 - Quantitative Finance
- B.S. Tracks
 - Physics
 - Astrophysics

These tracks align with diverse employment opportunities (<https://www.aps.org/careers/physicists/prospects.cfm>) for physics graduates, spanning high schools, government laboratories, financial institutions, medical facilities, data science, and high-tech industries.

Upon graduation, approximately 50 percent of physics bachelors transition directly into the workforce, while others pursue advanced degrees in physics, medical physics, business, law, or computer science.

Opt for a B.A. degree if you seek to blend your passion for physics with complementary disciplines such as computer science, environmental science, biophysics, medicine, engineering, or finance.

Consider a B.S. degree if you intend to pursue graduate study in physics, astronomy, or a related field, or a career practicing physics.

Due to restrictions on course sharing, students are not allowed to complete both the major in physics and the minor in astronomy or to complete minors in both physics and astronomy.



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. 711).

The minor in physics consists of five courses:

Code	Title	Hours
Core Requirements		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{1, H, F}	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^{2, H, F}	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. ³		9
Total Hours		17

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.

¹ Prerequisite, MATH 231; pre- or corequisite, MATH 232; permission of the instructor for students lacking the prerequisites.

² Prerequisites, MATH 232 and PHYS 118; pre- or corequisite, MATH 233; permission of the instructor for students lacking the prerequisites.

³ Mentored research courses (PHYS 295, PHYS 395, and PHYS 293) cannot be used to fulfill this requirement.

Due to restrictions on course sharing, students are not allowed to complete both the minor in Physics and the minor in Astronomy.

Astronomy (ASTR) and Physics (PHYS) course descriptions (p.).

See the program page here (p. 509) for special opportunities.

Department Programs

Majors

- Physics Major, B.A (p. 500).
 - Physics
 - Astronomy
 - Computational Physics
 - Energy
 - Engineering Physics
 - Medical and Biological Physics
 - Quantitative Finance
- Physics Major, B.S. (p. 510)
 - Physics
 - Astrophysics

Minors

- Astronomy Minor (p. 516)
- Physics Minor (p. 517)

Graduate Programs

- M.S. in Physics (<https://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)
- Ph.D. in Physics (<https://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)

Courses

- Astronomy (ASTR) (<https://catalog.unc.edu/courses/astr/>)
- Physics (PHYS) (<https://catalog.unc.edu/courses/phys/>)

Contact Information

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 Visit Program Website (<http://physics.unc.edu>)
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 (919) 962-2078

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 Rene Lopez
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 Hannah M. Johnson
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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. 520)

Graduate Programs

- M.A. in Political Science (Trans Atlantic Masters) (<https://tam.unc.edu/>)
- Ph.D. in Political Science (<https://catalog.unc.edu/graduate/schools-departments/political-science/>)

Courses

- Political Science (POLI) (<https://catalog.unc.edu/courses/poli/>)

Professors

Navin Bapat, Frank Baumgartner, Mark Crescenzi, Stephen Gent, Jonathan Hartlyn, Marc Hetherington, Liesbet Hooghe, Evelyne Huber, Gary Marks, Cecilia Martinez-Gallardo, Kevin McGuire, Jason Roberts, Graeme Robertson, Timothy Ryan, Donald Searing, Jeffrey Spinner-Halev, Sarah Treul Roberts, Isaac Unah, Milada Vachudova.

Associate Professors

Cameron Ballard-Rosa, Anna Bassi, Susan Bickford, Christopher Clark, Lucy Martin, Cara Nine, Santiago Olivella, Simon Weschle.

Assistant Professors

Ashley Anderson, Caitlin Andrews-Lee, Brian Guay, Kaneesha Johnson, Mary Kroeger, Junghyun Lim, Neil O'Brian, Tyler Pratt, Alexander Sahn, Ye Wang.

Adjunct Professors

Nora Hanagan, Holger Moroff, Candis W. Smith, Jonathan Weiler.

Teaching Professors

Robert Jenkins, Christiane Lemke-Dampfling.

Teaching Associate Professors/Advisors

Suzanne Globetti, Matthew Weidenfeld.

Teaching Assistant Professors

Niklaus Steiner, Annie Watson, Jakob Wiedekind.

Postdoctoral Research Associate

Sasha de Vogel.

Professors Emeriti

Pamela Conover, Virginia Gray, Michele Hoyman, Michael Lienesch, Stuart Elaine Macdonald, Michael MacKuen, Timothy McKeown, Dick Richardson, Lars Schoultz, John Stephens, James Stimson, James White.

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Evelyn Huber
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Graduate Coordinator
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kalishal@unc.edu

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. 711).

Code	Title	Hours
Core Requirements		
Nine courses, including the following courses and including at least one 400-level political science (POLI) course:		
POLI 100	 American Democracy in Changing Times ^{H, F}	3
POLI 150	 International Relations and Global Politics ^{H, F}	3
One course in comparative politics chosen from:		3
POLI 130	 Introduction to Comparative Politics ^{H, F}	
POLI 232	 Politics of the United Kingdom ^H	
POLI 233	 Comparative Politics of the Middle East ^H	
POLI 234	Comparative Politics of the Global South	
POLI 235	 The Politics of Russia and Eurasia ^H	
POLI 236	Politics of East-Central Europe ^H	
POLI 237	 The Politics of China	
POLI 238	 Politics of the Global South: Latin America ^H	
POLI 239	 Introduction to European Government ^H	
POLI 241	 Comparative Political Behavior ^H	
One course in political theory chosen from:		3
POLI 265	 Feminism and Political Theory	
POLI 270	 Classical Political Thought ^H	
POLI 271	 Modern Political Thought ^H	
POLI 272	 The Ethics of Peace, War, and Defense	
POLI 275	 Nationalism, Immigration and the Politics of Identity ^H	
POLI 276	 Major Issues in Political Theory ^H	
POLI 280	 American Political Thought After the Civil War ^H	
POLI 470	Social and Political Philosophy ^H	
POLI 471	Contemporary Political Thought ^H	
POLI 472	Problems of Modern Democratic Theory ^H	
POLI 475	 Environmental Political Theory	
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: ¹		3
POLI 209	 Analyzing Public Opinion ^H	

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 ^H
POLI 488	Game Theory
POLI 691H	 Honors Seminar in Research Design
ECON 400	 Introduction to Data Science and Econometrics ^H
GEOG 391	Quantitative Methods in Geography
GEOG 392	 Research Methods in Geography
PHIL 140	 Knowledge and Society ^H
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 ^H
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 ^{2,3}	
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.

^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.









¹ 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.

² First-year seminars, POLI 193, and POLI 291 may not count as electives for the political science major.

³ 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
Data in Politics Core Sequence		
POLI 281	 Data in Politics I: An Introduction	3
POLI 381	Data in Politics II: Frontiers and Applications	3
Applied Data Analysis Courses		
POLI 209	 Analyzing Public Opinion ^H	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 ^H	3
POLI 429	Diversity and Politics	3
POLI 447	Immigrant Integration in Contemporary Western Europe ^H	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

^H 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
Introductory Course		
POLI 100	 American Democracy in Changing Times ^{H,F}	3
Specialized Courses		
POLI 200	 The President, Congress, and Public Policy	3
POLI 201	 Politics of Bureaucracy ^H	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 ^H	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 ^H	3
POLI 209	 Analyzing Public Opinion ^H	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
Advanced Courses		
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	American Constitutional Law I: Structures of Power	3
POLI 411	American Constitutional Law II: Civil Liberties and Rights ^H	3
POLI 412	United States National Elections ^H	3
POLI 416	Constitutional Policies and the Judicial Process	3
POLI 417	 Advanced Political Psychology ^H	3
POLI 418	Mass Media and American Politics	3
POLI 419	Race and Politics in the Contemporary United States ^H	3
POLI 420	Legislative Politics ^H	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

^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 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
Introductory Courses		
POLI 130	 Introduction to Comparative Politics ^{H, F}	3
POLI 150	 International Relations and Global Politics ^{H, F}	3
Specialized Courses		
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 ^H	3

POLI 233	 Comparative Politics of the Middle East ^H	3
POLI 234	Comparative Politics of the Global South	3
POLI 235	 The Politics of Russia and Eurasia ^H	3
POLI 236	Politics of East-Central Europe ^H	3
POLI 237	 The Politics of China	3
POLI 238	 Politics of the Global South: Latin America ^H	3
POLI 239	 Introduction to European Government ^H	3
POLI 241	 Comparative Political Behavior ^H	3
POLI 252	International Organizations and Global Issues ^H	3
POLI 253	Problems in World Order	3
POLI 254	International Environmental Politics	3
POLI 255	 International Migration and Citizenship Today ^H	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
Advanced Courses		
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 ^H	3
POLI 434	Politics of Mexico	3
POLI 435	 Democracy and Development in Latin America ^H	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 ^H	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 ^H	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 ^H	3
POLI 459	Trans-Atlantic Security ^H	3
POLI 469	Conflict and Intervention in the Former Yugoslavia ^H	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

^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 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
Introductory Courses		
POLI 270	 Classical Political Thought ^H	3
POLI 271	 Modern Political Thought ^H	3
Specialized Courses		
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 ^H	3
POLI 276	 Major Issues in Political Theory ^H	3
POLI 280	 American Political Thought After the Civil War ^H	3
Advanced Courses		
POLI 470	Social and Political Philosophy ^H	3
POLI 471	Contemporary Political Thought ^H	3
POLI 472	Problems of Modern Democratic Theory ^H	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

^H 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
Empirical Methods Courses		
POLI 209	 Analyzing Public Opinion ^H	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 ^H	3
POLI 691H	 Honors Seminar in Research Design	3
Formal Theory Courses		
POLI 287	 Strategy and International Relations	3
POLI 288	 Strategy and Politics	3
POLI 488	Game Theory	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.

First Year	Hours
First-Year Foundations Courses	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F	3
IDST 111L  Data Literacy Lab	1
Global Language through level 3 (p. 649)	varies
Additional General Education and elective courses	16
Major Courses	
POLI 100  American Democracy in Changing Times ^{H, F}	3
POLI 150  International Relations and Global Politics ^{H, F}	3
Hours	30
Sophomore Year	
POLI — Comparative politics course	3
POLI — Political theory course	3
Research methods course	3
Additional General Education and elective courses	21
Hours	30
Junior Year	
Two POLI elective courses ¹	6

Additional General Education and elective courses	24
Hours	30
Senior Year	
Two POLI elective courses ¹	6
Additional General Education and elective courses	24
Hours	30
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.

¹ At least one political science course must be at the 400 level.

Special Opportunities in Political Science

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 apply in the fall of their junior year when applications are requested. For further information on the honors program, please consult the department's website (<http://politicalscience.unc.edu/undergraduate/honors-program/>).

High-Impact Experience

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 high-impact experience 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

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Undergraduate Coordinator

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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. 526)
- Psychology Major, B.A. (p. 533)
- Psychology Major, B.S. (p. 538)

Minors

- Neuroscience Minor (p. 543)

Graduate Programs

- M.A. in Psychology (<https://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)
- Ph.D. in Psychology (<https://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)

Courses

- Neuroscience (NSCI) (<https://catalog.unc.edu/courses/nsci/>)
- Psychology (PSYC) (<https://catalog.unc.edu/courses/psyc/>)

Professors

Jonathan S. Abramowitz, Sara B. Algae, Jennifer Arnold, Anna Bardone-Cone, Daniel J. Bauer, Charlotte A. Boettiger, Kenneth A. Bollen, Regina M. Carelli, Shauna Cooper, Patrick Curran, Stacey B. Daughters, Barbara L. Fredrickson, Kathleen M. Gates, Karen M. Gil, Kelly Giovanello, Peter C. Gordon, Joseph Hopfinger, Andrea M. Hussong, Deborah J. Jones, Donald T. Lysle, Neil Mulligan, Abigail T. Panter, B. Keith Payne, Mitchell J. Prinstein, Kathryn J. Reissner, Paschal J. Sheeran, Eva Telzer, Todd Thiele, Eric A. Youngstrom.

Associate Professors

Carol L. Cheatham, Jessica Cohen, Sylvia Fitting, Oscar Gonzalez, Michael Hallquist, Keely Muscatell, Margaret A. Sheridan.

Assistant Professors

Kelsey Bonfils, Dan Christoffel, Zachary Fisher, Annie Maheux, Julian Rucker, Dalal Safa, Jamilah Silver, Sami Yousif.

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

Steven Buzinski, Desiree Griffin, Jeannie Loeb, F. Charles Wiss.

Teaching Associate Professors

Vicki Chanon, Sara Estle, Patrick Harrison, Sabrina Robertson.

Teaching Assistant Professors

Monica Gaudier-Diaz, Rosie Dutt, Rosa Li, Ally Nowlan, Shveta Parekh, Natasha Parikh, Jessica Sevetson.

Contact Information

Department of Psychology and Neuroscience

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

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Director of Neuroscience Curricula

Sabrina Robertson

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Director of Undergraduate Psychology Advising

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Director of Undergraduate Research for Psychology

Vicki Chanon

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Director of Undergraduate Neuroscience Research

Shveta Parekh

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Instructional Program Manager

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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, biotechnology, 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. Awareness of career opportunities and paths toward career goals

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. 711).

Code	Title	Hours
Core Requirements		
NSCI 175	Introduction to Neuroscience (with a grade of C or better) ^{H, F}	3
Select one statistics course:		3-4
PSYC 210	Statistical Principles of Psychological Research ^H	
STOR 120	Foundations of Statistics and Data Science ^{H, F}	
STOR 155	Introduction to Data Models and Inference ^{H, F}	
Select one research methods course (Neuroscience research method courses NSCI 27* should be prioritized over PSYC 270):		3
NSCI 271	Cellular Mechanisms in Addiction Lab	
NSCI 273	Brainwaves: Human Electroencephalography Lab	
NSCI 274	Neurophysiology Data Science Lab	
NSCI 277	Addiction Neuroscience qPCR Laboratory	
NSCI 278	Molecular Brain Imaging Lab	
NSCI 279	Microglia Laboratory	
PSYC 270	Research Methods in Psychology (intended for PSYC double majors only)	
Select two courses:		6
NSCI 221	Neuropsychopharmacology	
NSCI 222	Learning ^H	
NSCI 225	Sensation and Perception ^H	
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
Additional Requirements		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory ^{H, F}	4
BIOL 103	How Cells Function ^F	3
BIOL 220	Molecular Genetics ^H	3
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I ^{H, F}	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II ^{H, F}	4



CHEM 241	Modern Analytical Methods for Separation and Characterization ^H	3
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
CHEM 261	Introduction to Organic Chemistry I ^H	3
CHEM 262	Introduction to Organic Chemistry II ^H	3
CHEM 262L	Laboratory in Organic Chemistry	1
COMP 110 or COMP 116	Introduction to Programming ^H or Introduction to Scientific Programming	3
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
Select one course:		4
PHYS 114	General Physics I: For Students of the Life Sciences ^F	
PHYS 118	Introductory Calculus-based Mechanics and Relativity ^{H, F}	
Select one course:		4
PHYS 115	General Physics II: For Students of the Life Sciences ^F	
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta ^{H, F}	
PSYC 101	General Psychology ^F	3
Total Hours		78-79

^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.

Knowledge Electives (6 Credit Hours)

Code	Title	Hours
BIOL 205	Cellular and Developmental Biology ^{1, H}	4
BIOL 240	Cell Biology ^H	3
BIOL 425	Human Genetics	3
BIOL 431	Biological Physics	3
BIOL 440	Stem Cell Biology ¹	3
BIOL 450	Neurobiology ¹	3
BIOL 453	Molecular Control of Metabolism and Metabolic Disease ¹	3
BIOL 455	Behavioral Neuroscience ¹	3
BIOL 458	Sensory Neurobiology and Behavior ¹	3
BIOL 523	Sex Differences in Human Disease ¹	3
BIOL 542	Light Microscopy for the Biological Sciences ¹	3
BIOL 544L	Laboratory in Diseases of the Cytoskeleton ¹	3
BIOL 545	Exploring Brain, Gut, and Immunity ^{1, H}	3
BIOL 547	Synaptic Plasticity: Analysis of Primary Literature	3
BIOL 552	Behavioral Endocrinology ¹	3

BIOL 635	Careers in Biotechnology	1
CHEM 430	Introduction to Biological Chemistry ^H	3
COMP 210	Data Structures and Analysis	3
COMP 211	Systems Fundamentals ¹	3
COMP 301	Foundations of Programming ¹	3
COMP 311	Computer Organization	3
COMP 555	Bioalgorithms ¹	3
COMP 560	Artificial Intelligence ¹	3
COMP 562	Introduction to Machine Learning ^{1, H}	3
COMP 576	Mathematics for Image Computing ¹	3
COMP 581	Introduction to Robotics ^{1, H}	3
COMP 631	Networked and Distributed Systems ¹	3
COMP 633	Parallel and Distributed Computing ¹	3
COMP 651	Computational Geometry ¹	3
EXSS 155	 Human Anatomy and Physiology I ^{H, F}	3
EXSS 175	 Human Anatomy ^F	3
EXSS 256	Human Anatomy and Physiology II ¹	3
EXSS 275L	Human Anatomy Laboratory	1
EXSS 276	Human Physiology ¹	3
EXSS 380	Neuromuscular Control and Learning ^{1, H}	3
EXSS 580	Neuromechanics of Human Movement ¹	3
EXSS 581	Biopsychosocial Aspects of Sport Injury	3
NDSS 401	Basic Neurophysiology and Sleep for Clinical Neurophysiology	3
NDSS 420	Pathophysiology of Sleep, Neurological, and Related Disorders	3
Any course between NSCI 300 - 699, with some exceptions (see footnote) ²		
PHYS 405	Biological Physics	3
PHYS 461	Introduction to Medical Physics	3
PSYC 245	Psychopathology ^H	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 ¹	3
PSYC 602	Evolutionary Psychology	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.

¹ Course requires a prerequisite(s) not otherwise counting in the major. Please review prerequisite information carefully when planning your course selection.

² Any course between NSCI 300 - 699 except NSCI 395, NSCI 405, NSCI 418, NSCI 419, NSCI 423, NSCI 439, NSCI 440, 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	Electronics from Sensors to Indicators: Circuits that Interact with the Physical World	4
APPL 350	Data Science for Applied Science and Engineering	3
APPL 430	Optoelectronics from Materials to Devices	3
APPL 435	Nanophotonics ¹	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 ¹	3
BIOL 554	Introduction to Computational Neuroscience ¹	3
BMME 207	Biomedical Electronics ¹	4
BMME 301	Human Physiology: Electrical Analysis ¹	4
BMME 550	Medical Imaging I: Ultrasonic, Optical, and Magnetic Resonance Systems ¹	3
COMP 283	 Discrete Structures ^{2, H}	3
MATH 210	 Mathematical Tools for Data Science ¹	3
MATH 233	 Calculus of Functions of Several Variables ^{H, F}	4
MATH/STOR 235	 Mathematics for Data Science	4
MATH 347	 Linear Algebra for Applications ^F	3
MATH 381	Discrete Mathematics ^{2, H}	3
MATH 383	First Course in Differential Equations ^{1, H}	3
MATH 383L	First Course in Differential Equations Laboratory ¹	1
MATH 523	Functions of a Complex Variable with Applications ¹	3
MATH 528	Mathematical Methods for the Physical Sciences I ¹	3
MATH 528L	Laboratory for Mathematical Methods for the Physical Sciences I ¹	1
MATH 529	Mathematical Methods for the Physical Sciences II ¹	3
MATH 529L	Laboratory for Mathematical Methods for the Physical Sciences II ¹	1
MATH 535	Introduction to Probability ¹	3
MATH 555	Introduction to Dynamics ¹	3
MATH 560	Optimization with Applications in Machine Learning ¹	3
MATH 564	Mathematical Modeling in the Life Sciences ¹	3
MATH 566	Introduction to Numerical Analysis ¹	3
MATH 577	Linear Algebra ¹	3
MATH 594	Nonlinear Dynamics ¹	3
MATH 661	Scientific Computation I ¹	3
MATH 662	Scientific Computation II ¹	3
MATH 668	Methods of Applied Mathematics I ¹	3
MATH 669	Methods of Applied Mathematics II ¹	3

NDSS 410	Intro to Basic Sleep and Neurophysiology Instrumentation and Technology	4
NDSS 430	Neurological and Sleep Diagnostic and Therapeutic Methods, and Monitoring	3
NSCI 395	 Independent Research ³	3
NSCI 405	 Advanced Molecular Neuropharmacology	3
NSCI 418	Glial Neuroscience	3
NSCI 419	 Behavioral Endocrinology	3
NSCI 423	Cellular and Molecular Neurotechnology	3
NSCI 439	Neuroimmunology	3
NSCI 440	Behavioral Neuroscience and Experimental Methods in Rodents	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 ^H	3
STOR 215	 Foundations of Decision Sciences ²	3
STOR 320	 Methods and Models of Data Science ¹	4
STOR 415	Introduction to Optimization ^{1, H}	3
STOR 435	Introduction to Probability ^{1, H}	3
STOR 445	Stochastic Modeling ¹	3
STOR 455	Methods of Data Analysis ^{1, H}	3
STOR 535	Probability for Data Science ¹	3
STOR 555	Mathematical Statistics ¹	3
STOR 556	Time Series Data Analysis ¹	3
STOR 565	Machine Learning ¹	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.

¹ Course requires a prerequisite(s) not otherwise counting in the major. Please review prerequisite information carefully when planning your course selection.

² Students may take one of COMP 283, MATH 381, or STOR 215.

³ 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

First-Year Foundation Courses

ENGL 105	 English Composition and Rhetoric	3
IDST 101	 College Thriving	1
Global Language through level 3 (p. 649)		varies
Additional Gen Ed course		3


Major Courses

CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	4
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4





Hours 15

Spring Semester

First-Year Foundation Courses

First-Year Seminar or First-Year Launch (p. 640) ^{1, F}		3
IDST 111L	 Data Literacy Lab	1




Major Courses

CHEM 102 & 102L	 General Descriptive Chemistry II and  Quantitative Chemistry Laboratory II ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
NSCI 175	 Introduction to Neuroscience ^{H, F}	3

Hours 15


Sophomore Year

Fall Semester

BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
PSYC 101	 General Psychology ^F	3
COMP 116	Introduction to Scientific Programming	3
CHEM 261	Introduction to Organic Chemistry I ^H	3
Additional Gen Ed or elective course ²		3

Hours 16



Spring Semester

Select one of the following		3
NSCI 221	Neuropsychopharmacology	
NSCI 222	Learning ^H	
NSCI 225	Sensation and Perception ^H	
BIOL 103	 How Cells Function ^F	3
CHEM 262	Introduction to Organic Chemistry II ^H	3
Additional Gen Ed and elective courses ²		6

Hours 15

Junior Year

Fall Semester

PHYS 114	 General Physics I: For Students of the Life Sciences ^F	4
PSYC 210	 Statistical Principles of Psychological Research ^H	3
CHEM 241	Modern Analytical Methods for Separation and Characterization ^H	3

CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
Lifetime Fitness (p. 708)		1
Additional Gen Ed or elective course ²		3
Hours		15
Spring Semester		
PHYS 115	General Physics II: For Students of the Life Sciences ^F	4
Select one of the following research methods options: ⁴		3
NSCI 271	Cellular Mechanisms in Addiction Lab	
NSCI 273	Brainwaves: Human Electroencephalography Lab	
NSCI 274	Neurophysiology Data Science Lab	
NSCI 277	Addiction Neuroscience qPCR Laboratory	
NSCI 278	Molecular Brain Imaging Lab	
NSCI 279	Microglia Laboratory	
CHEM 262L	Laboratory in Organic Chemistry	1
BIOL 220	Molecular Genetics ^H	3
Additional Gen Ed and elective courses ²		3
Hours		14
Senior Year		
Fall Semester		
CHEM 430	Introduction to Biological Chemistry (knowledge elective #1) ^H	3
Knowledge elective #2		3
MMS elective #1		3
Select one of the following		3
NSCI 221	Neuropsychopharmacology	
NSCI 222	Learning ^H	
NSCI 225	Sensation and Perception ^H	
Additional Gen Ed or elective course ²		3
Hours		15
Spring Semester		
MMS elective #2		3
Additional Gen Ed and elective courses ²		12
Hours		15
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.

¹ 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.

² Students planning to apply to medical schools are advised to include BIOL 252 and BIOL 252L as a general elective in their course plan.

³ Students planning to apply to medical schools are advised to include CHEM 430 as a knowledge elective in their course plan.

⁴ 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		
ENGL 105	English Composition and Rhetoric	3
IDST 101	College Thriving	1
Global Language through level 3 (p. 649)		varies
Additional Gen Ed course		3
Major Courses		
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
CHEM 102	General Descriptive Chemistry II ^{H, F}	3
CHEM 102L	Quantitative Chemistry Laboratory II	1
Hours		15

Spring Semester









First-Year Foundation Courses		
First-Year Seminar or First-Year Launch (p. 640) ^{1, F}		3
IDST 111L	Data Literacy Lab	1
Major Courses		
NSCI 175	Introduction to Neuroscience ^{H, F}	3
PSYC 101	General Psychology ^F	3
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
CHEM 241	Modern Analytical Methods for Separation and Characterization ^H	3
Hours		14

Sophomore Year

Fall Semester		
PSYC 210	Statistical Principles of Psychological Research ^H	3
COMP 116	Introduction to Scientific Programming	3
CHEM 261	Introduction to Organic Chemistry I ^H	3
Additional Gen Ed and elective courses ²		7
Hours		16

Spring Semester

Select one of the following research methods options: ⁴		3
NSCI 271	Cellular Mechanisms in Addiction Lab	
NSCI 273	Brainwaves: Human Electroencephalography Lab	
NSCI 274	Neurophysiology Data Science Lab	
NSCI 277	Addiction Neuroscience qPCR Laboratory	
NSCI 278	Molecular Brain Imaging Lab	

NSCI 279	 Microglia Laboratory	
BIOL 101	 Principles of Biology ^{H, F}	3
BIOL 101L	 Introductory Biology Laboratory	1
CHEM 262	Introduction to Organic Chemistry II ^H	3
CHEM 262L	 Laboratory in Organic Chemistry	1
Lifetime Fitness (p. 708)		1
Additional Gen Ed course		3
Hours		15
Junior Year		
Fall Semester		
Select one of the following		3
NSCI 221	Neuropsychopharmacology	
NSCI 222	Learning ^H	
NSCI 225	Sensation and Perception ^H	
PHYS 114	 General Physics I: For Students of the Life Sciences ^F	4
CHEM 430	Introduction to Biological Chemistry (knowledge elective #1) ^H	3
BIOL 103	 How Cells Function ^F	3
Additional Gen Ed course		3
Hours		16
Spring Semester		
Select one of the following		3
NSCI 221	Neuropsychopharmacology	
NSCI 222	Learning ^H	
NSCI 225	Sensation and Perception ^H	
PHYS 115	 General Physics II: For Students of the Life Sciences ^F	4
BIOL 220	 Molecular Genetics ^H	3
Additional Gen Ed and elective courses ²		6
Hours		16
Senior Year		
Fall Semester		
Knowledge elective #2		3
MMS elective #1		3
Additional Gen Ed and elective courses ²		9
Hours		15
Spring Semester		
MMS elective #2		3
Additional Gen Ed and elective courses ²		10
Hours		13
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.

¹ 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.

² Students planning to apply to medical schools are advised to include BIOL 252 and BIOL 252L as a general elective in their course plan.

³ Students planning to apply to medical schools are advised to include CHEM 430 as a knowledge elective in their course plan.

⁴ 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 (<https://heellife.unc.edu/organization/carolinaneuroscience/>) 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.

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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; course-based research courses (such as NSCI 27* lab-based research courses); or courses where service learning is a central focus, such as a psychology or neuroscience course with an APPLS (<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, 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 offers the J. Steven Reznick Award for Outstanding Research That Enhances Diversity, which is awarded to a graduating senior who has conducted excellent research that contributes to psychological knowledge about diversity. For the purpose of 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>).

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Department Programs

Majors

- Neuroscience Major, B.S. (p. 526)
- Psychology Major, B.A. (p. 533)
- Psychology Major, B.S. (p. 538)

Minors

- Neuroscience Minor (p. 543)

Graduate Programs

- M.A. in Psychology (<https://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)
- Ph.D. in Psychology (<https://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)

Courses

- Neuroscience (NSCI) (<https://catalog.unc.edu/courses/nsci/>)
- Psychology (PSYC) (<https://catalog.unc.edu/courses/psyc/>)

Contact Information

Department of Psychology and Neuroscience

Visit Program Website (<http://psychology.unc.edu>)
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Graduate Student Services Manager

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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. Become aware of career opportunities and paths towards career goals.

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. 711).

Code	Title	Hours
Gateway Course		
PSYC 101	 General Psychology (with a grade of C or better) ^F	3
Core Requirements		
PSYC 210	 Statistical Principles of Psychological Research ^H	3
PSYC 270	 Research Methods in Psychology ^{1, 2}	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 ^H	
NSCI 225	Sensation and Perception ^{3, H}	
PSYC 220	Biopsychology ^H	
Clinical:		
PSYC 242	Introduction to Clinical Psychology ^H	
PSYC 245	Psychopathology ^H	
Cognitive:		
NSCI 225	Sensation and Perception ^{3, H}	
PSYC 230	Cognitive Psychology ^H	
Developmental:		
PSYC 250	Child Development ^H	
Social:		
PSYC 260	Social Psychology ^H	
Two additional PSYC and/or NSCI courses numbered between 395 and 699; may not include PSYC 493 or NSCI 493 ⁴		6
One additional PSYC and/or NSCI course above 101; may not include PSYC 190 or NSCI 190. ⁴		3
Additional Requirements		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
One non-Psychology and Neuroscience Department course which comes from the Allied Science list (see below)		3
One additional non-Psychology and Neuroscience Department quantitative reasoning course (FC-QUANT) not used to fulfill the FC-QUANT Gen Ed requirement or any other requirement in the psychology major.		3-4
Total Hours		40-41

^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.

¹ Psychology and Neuroscience double majors may also use any NSCI 27* course to fulfill this requirement.

² Psychology and Human Development Family Studies double majors may also use EDUC 408 to fulfill this requirement.

³ NSCI 225 can meet either the behavioral neuroscience or cognitive requirement, but not both.










⁴ 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
Anthropology		
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
Astronomy		
ASTR —	Any course above ASTR 99 except ASTR 390	
Biochemistry		
BIOC 107	Introduction to Biochemistry	4
BIOC 108	Introduction to Biochemistry	4
Biology		
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	
Biomedical Engineering		
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
Biostatistics		
BIOS —	Any course above BIOS 500H, except BIOS 540, BIOS 543, BIOS 690, BIOS 691, BIOS 693H, BIOS 694H	
Chemistry		
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 _x , O ₃ , 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 ^F	3
EXSS 175 & EXSS 275L	 Human Anatomy and Human Anatomy Laboratory ^F	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 ^H	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 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 ^H	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	











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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
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	 Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Major Courses		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
Take one of the following:		3
PSYC 101	 General Psychology ^F	
PSYC 210	 Statistical Principles of Psychological Research ^H	
PSYC/NSCI 2xx Program area course		
One additional non-Psychology and Neuroscience Department quantitative reasoning course (FC-QUANT) not used to fulfill the FC-QUANT Gen Ed requirement or any other requirement in the psychology major.		3
Hours		18
Sophomore Year		
PSYC 210 or PSYC 270	 Statistical Principles of Psychological Research ^H or  Research Methods in Psychology	3
PSYC/NSCI 2xx: Program area course		3
One non-Psychology and Neuroscience Department course which comes from the Allied Science List		3
Hours		9
Junior Year		
PSYC 270	 Research Methods in Psychology	3
PSYC/NSCI 2xx	Program area course	3
PSYC/NSCI 2xx	Program area course	3
One additional PSYC and/or NSCI course numbered between 395 and 699. May not include PSYC 493 or NSCI 493. ¹		3
Hours		12
Senior Year		
PSYC/NSCI 2xx	Program area course	3
One additional PSYC and/or NSCI course numbered between 395 and 699. May not include PSYC 493 or NSCI 493. ¹		3
One additional PSYC and/or NSCI course above 101. May not include PSYC 190 or NSCI 190. ¹		3
Hours		9
Total Hours		48

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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

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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; coursed-based research courses (such as NSCI 27* lab-based research courses); or courses where service learning is a central focus, such as a psychology or neuroscience course with an APPLES (<https://ccps.unc.edu/apples/>) program component.

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Department Programs

Majors

- Neuroscience Major, B.S. (p. 526)
- Psychology Major, B.A. (p. 533)
- Psychology Major, B.S. (p. 538)

Minors

- Neuroscience Minor (p. 543)

Graduate Programs

- M.A. in Psychology (<https://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)
- Ph.D. in Psychology (<https://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)

Courses

- Neuroscience (NSCI) (<https://catalog.unc.edu/courses/nsci/>)
- Psychology (PSYC) (<https://catalog.unc.edu/courses/psyc/>)

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. Become aware of career opportunities and paths towards career goals.

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. 711).

Code	Title	Hours
Gateway Course		
PSYC 101	 General Psychology (with a grade of C or better) F	3
Core Requirements		
PSYC 210	 Statistical Principles of Psychological Research H	3
PSYC 270	 Research Methods in Psychology ^{1,2}	3
One course below 400 from each of the following program areas:		6
Behavioral Integrative Neuroscience:		
NSCI 222	Learning ^H	
NSCI 225	Sensation and Perception ^{3, H}	
NSCI 221	Neuropsychopharmacology	
PSYC 220	Biopsychology ^H	
Cognitive:		
NSCI 225	Sensation and Perception ^{3, H}	
PSYC 230	Cognitive Psychology ^H	
One course below 400 from two of the three following psychology program areas:		6
Clinical:		
PSYC 242	Introduction to Clinical Psychology ^H	
PSYC 245	Psychopathology ^H	
Development:		
PSYC 250	Child Development ^H	
Social:		
PSYC 260	Social Psychology ^H	
One upper-level course chosen from "Special Requirement Courses" (see list below) ⁴		3
One upper-level PSYC and/or NSCI course numbered between 395 and 699. May not include PSYC 493 or NSCI 493. ⁴		3
One additional PSYC and/or NSCI course above 101; may not include PSYC 190 or NSCI 190. ⁴		3
Additional Requirements		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
One of:		4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I ^{H, F}	
PHYS 114	 General Physics I: For Students of the Life Sciences ^F	
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^{H, F}	
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
One additional non-Psychology and Neuroscience Department quantitative reasoning course (FC-QUANT) not used to fulfill the FC-QUANT Gen Ed requirement or any other requirement in the psychology major.		3

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. ⁵	13
Remaining General Education requirements and enough additional hours to accumulate 120 academic hours	62
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.

¹ Psychology and Neuroscience double majors may also use any NSCI 27* course to fulfill this requirement.

² Psychology and Human Development Family Studies double majors may also use EDUC 408 to fulfill this requirement.

³ NSCI 225 can meet either the behavioral neuroscience or cognitive requirement, but not both.

⁴ 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.

⁵ 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 ^H	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 ^H	3
PSYC 533	The General Linear Model in Psychology ^H	3
PSYC 534	Introduction to Statistics in R	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.

^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

Code	Title	Hours
Anthropology		
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

Astronomy		
ASTR —	Any course above ASTR 99 except ASTR 390	
Biochemistry		
BIOC 107	Introduction to Biochemistry	4
BIOC 108	Introduction to Biochemistry	4

Biology

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	
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Biomedical Engineering

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

Biostatistics

BIOS ---	Any course above BIOS 500H, except BIOS 540, BIOS 543, BIOS 690, BIOS 691, BIOS 693H, BIOS 694H	
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Chemistry

CHEM ---	Any course above CHEM 101 except CHEM 190, CHEM 291, CHEM 395, CHEM 396, CHEM 397, CHEM 410, and CHEM 692H	
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Computer Science

COMP ---	Any course above COMP 116, except COMP 185, COMP 190, COMP 380, COMP 390, and COMP 393	
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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 _x , O ₃ , 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 ^F	3
EXSS 175 & EXSS 275L	 Human Anatomy and Human Anatomy Laboratory ^F	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 ^H	3
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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 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 ^H	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
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)		3
IDST 111L	 Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Major Courses		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory ^{H, F}	4
CHEM 101 & 101L	 General Descriptive Chemistry I ^{H, F} or  General Physics I: For Students of the Life Sciences or  Introductory Calculus-based Mechanics and Relativity	4
PHYS 114 or PHYS 118		
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
PSYC 101	 General Psychology ^F	3
Hours		23
Sophomore Year		
Allied science course #1		3
Allied science course #2, with lab		4
One additional non-Psychology and Neuroscience Department quantitative reasoning course (FC-QUANT) not used to fulfill the FC-QUANT Gen Ed requirement or any other requirement in the psychology major.		3
PSYC 210	 Statistical Principles of Psychological Research ^H	3
PSYC 220	Biopsychology ^H or Neuropsychopharmacology or Learning or Sensation and Perception	3
NSCI 221 or NSCI 222 or NSCI 225		
Hours		16
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 or NSCI 225	Cognitive Psychology ^H or Sensation and Perception	3
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 ¹		3
Hours		12
Total Hours		66

^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.

¹ 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 (<https://heellife.unc.edu/organization/carolinaneuroscience/>) 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 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; course-based research courses (such as NSCI 27* lab-based research courses); or courses where service learning is a central focus, such as a psychology or neuroscience course with an APPLS (<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, 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 offers the J. Steven Reznick Award for Outstanding Research That Enhances Diversity, which is awarded to a graduating senior who has conducted excellent research that contributes to psychological knowledge about diversity. For the purpose of 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 and neuroscience courses also include heavy research components and/or meet the general education research and discovery requirement (NSCI 27* labs). 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. 526)
- Psychology Major, B.A. (p. 533)
- Psychology Major, B.S. (p. 538)

Minors

- Neuroscience Minor (p. 543)

Graduate Programs

- M.A. in Psychology (<https://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)
- Ph.D. in Psychology (<https://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)

Courses

- Neuroscience (NSCI) (<https://catalog.unc.edu/courses/nsci/>)
- Psychology (PSYC) (<https://catalog.unc.edu/courses/psyc/>)

Contact Information

Department of Psychology and Neuroscience

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

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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, biotechnology, 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. 711).

Code	Title	Hours
Core Requirements		
NSCI 175	 Introduction to Neuroscience (with a grade of C or better) ^{H, F}	3
Four courses distributed over at least three academic departments, selected from the following lists:		12
Psychology and Neuroscience:		
NSCI 221	Neuropsychopharmacology	
NSCI 222	Learning ^H	
NSCI 225	Sensation and Perception ^H	
Any NSCI course numbered between 300-699 ¹		

PSYC 245	Psychopathology ^H
PSYC 404	Clinical Psychopharmacology
PSYC 469	Evolution and Development of Biobehavioral Systems
PSYC 517	Addiction
PSYC 533	The General Linear Model in Psychology ^H
PSYC 535	 Programming for Psychologists: Computational Tools for Psychological Research
PSYC 559	Applied Machine Learning in Psychology
PSYC 602	Evolutionary Psychology
Applied Physical Sciences:	
APPL 101	 Exploring Engineering
APPL 240	Electronics from Sensors to Indicators: Circuits that Interact with the Physical World
APPL 350	Data Science for Applied Science and Engineering
APPL 430	Optoelectronics from Materials to Devices
APPL 435	Nanophotonics
Biology:	
BIOL 205	Cellular and Developmental Biology ^H
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 240	Cell Biology ^H
BIOL 425	Human Genetics
BIOL 431	Biological Physics
BIOL 440	Stem Cell Biology
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 ^H
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
Biomedical Engineering:	
BMME 207	Biomedical Electronics
BMME 301	Human Physiology: Electrical Analysis
BMME 550	Medical Imaging I: Ultrasonic, Optical, and Magnetic Resonance Systems
Chemistry:	
CHEM 430	Introduction to Biological Chemistry ^H
Computer Science:	
COMP 110	 Introduction to Programming ^H

or COMP 116 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 ^H
COMP 555	Bioalgorithms
COMP 560	Artificial Intelligence
COMP 562	Introduction to Machine Learning ^H
COMP 576	Mathematics for Image Computing
COMP 581	Introduction to Robotics ^H
COMP 631	Networked and Distributed Systems
COMP 633	Parallel and Distributed Computing
COMP 651	Computational Geometry
Exercise and Sport Science:	
EXSS 155	 Human Anatomy and Physiology I ^{H, F}
EXSS 175	 Human Anatomy ^F
EXSS 256	Human Anatomy and Physiology II
EXSS 276	Human Physiology
EXSS 380	Neuromuscular Control and Learning ^H
EXSS 580	Neuromechanics of Human Movement
EXSS 581	Biopsychosocial Aspects of Sport Injury
Mathematics:	
MATH 210	 Mathematical Tools for Data Science
MATH 233	 Calculus of Functions of Several Variables ^{H, F}
MATH 235	 Mathematics for Data Science
MATH 347	 Linear Algebra for Applications ^F
MATH 383	First Course in Differential Equations ^H
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 594	Nonlinear Dynamics
MATH 661	Scientific Computation I
MATH 662	Scientific Computation II
MATH 668	Methods of Applied Mathematics I
MATH 669	Methods of Applied Mathematics II
Neurodiagnostics and Sleep Science	
NDSS 401	Basic Neurophysiology and Sleep for Clinical Neurophysiology
NDSS 410	Intro to Basic Sleep and Neurophysiology Instrumentation and Technology
NDSS 420	Pathophysiology of Sleep, Neurological, and Related Disorders

NDSS 430	Neurological and Sleep Diagnostic and Therapeutic Methods, and Monitoring
Physics:	
PHYS 405	Biological Physics
PHYS 461	Introduction to Medical Physics
Statistics and Operations Research:	
STOR 215	 Foundations of Decision Sciences
STOR 235	 Mathematics for Data Science
STOR 320	 Methods and Models of Data Science
STOR 415	Introduction to Optimization ^H
STOR 435	Introduction to Probability ^H
STOR 445	Stochastic Modeling
STOR 455	Methods of Data Analysis ^H
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.

¹ Except NSCI 395, NSCI 493, NSCI 693H, and NSCI 694H

² Many courses in this list require a prerequisite(s). Please review prerequisite information carefully when planning your course selection.

Department Programs

Majors

- Neuroscience Major, B.S. (p. 526)
- Psychology Major, B.A. (p. 533)
- Psychology Major, B.S. (p. 538)

Minors

- Neuroscience Minor (p. 543)

Graduate Programs

- M.A. in Psychology (<https://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)
- Ph.D. in Psychology (<https://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)

Courses

- Neuroscience (NSCI) (<https://catalog.unc.edu/courses/nsci/>)
- Psychology (PSYC) (<https://catalog.unc.edu/courses/psyc/>)

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 (<https://publicpolicy.unc.edu>).

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. 546)

Minor

- Public Policy Minor (p. 552)

Professional

- M.P.P. (<https://catalog.unc.edu/graduate/schools-departments/public-policy/>)

Graduate Programs

- M.A. in Public Policy (<https://catalog.unc.edu/graduate/schools-departments/public-policy/>)
- Ph.D. in Public Policy (<https://catalog.unc.edu/graduate/schools-departments/public-policy/>)

Courses

- Public Policy (PLCY) (<https://catalog.unc.edu/courses/plcy/>)

Professors

Daniel Gitterman, Sudhanshu (Ashu) Handa, Steven Hemelt, Douglas L. Lauen, Douglas P. MacKay, Benjamin M. Meier, Patricia L. Sullivan.

Associate Professors

Fenaba Addo, Carmen Gutierrez, Angel Hsu, Rebecca Kreitzer, Jeremy Moulton, Joaquin Rubalcaba, Mehdi Shadmehr.

Assistant Professors

Malissa Alinor, Cassandra Davis, Jae Yeon Kim, Rafiuddin Najam, Manuel Schechtel.

Research Professor

Simona Goldin.

Research Associate Professors

Kevin Bastian, Sarah C. Fuller.

Research Assistant Professors

Danielle Allen, Evan Johnson, Helen Rose Miesner, Jillian La Serna.

Teaching Associate Professors

William D. Goldsmith, Anna Krome-Lukens, Joshua Preiss.

Teaching Assistant Professors

Maria Carnovale, Elizabeth Sasser.

Professors Emeriti

David D. Dill, Michael A. Stegman.

Contact Information

Department of Public Policy

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Director of Undergraduate Studies

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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 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 issues

including courses on education, immigration, the environment, health and human rights, poverty, and national security.

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 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. 711).

First-year and sophomore students considering a major in public policy are encouraged to complete PLCY 101 or PLCY 110.

Code	Title	Hours
Core Requirements		
PLCY 210	Policy Innovation and Analysis ^H	3

PLCY 220	 The Politics of Public Policy ^H	3
PLCY 340	 Justice in Public Policy ^H	3
PLCY 310	Microeconomic Foundations of Public Policy (formerly PLCY 410)	3
or ECON 410	 Intermediate Microeconomics	
PLCY 460	 Quantitative Analysis for Public Policy ^{2,3, H}	4
PLCY 581	 Research Design for Public Policy ^{2, H}	3
PLCY 698	 Senior Capstone in Public Policy ²	3-4
or PLCY 692H	 Honors in Public Policy	
At least six credit hours of approved public policy electives. ¹		6
Additional Requirements		
ECON 101	 Introduction to Economics ^{2, H, F}	4
Policy Field (optional), see list below		
Total Hours		32-33

^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.

¹ 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.

² 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.

³ 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	 The Jewish South: Race, Region, and Religion	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 ^H	3
BUSI 503	Family Business I: Introduction to Family Enterprise	1.5
BUSI 504	Startup UNC	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: Focus on Indigenous Issues	3
COMM 312	Persuasion	3
COMM 325	 Introduction to Organizational Communication ^H	3
COMM 372	The Rhetoric of Social Movements	3
COMM 375	Environmental Advocacy	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	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 ^H	3
ECON 345	 Public Policy Toward Business	3
ECON 380	The Economics of Labor Relations	3
ECON 423	Financial Markets and Economic Fluctuations ^H	3
ECON 440	Analysis of Public Finance	3
ECON 445	 Industrial Organization	3
ECON 450	Health Economics: Problems and Policy	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 ^H	3
EDUC 401	 Childhood Development: Prenatal Birth to Age 12	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
EMES 314	 Earth Systems in a Changing World	3



ENGL 164	 Introduction to Latina/o Studies ^H	3	GLBL 390	Current Topics in Global Studies	3
ENGL 279	Migration and Globalization	3	HIST 238	 The American Revolution, 1763-1815	3
ENEC 463	 Corporate Environmental Stewardship	3	HIST 365	The Worker and American Life	3
ENEC 307	Energy and Material Flows in the Environment and Society	3	HIST 385	 African American Women's History	3
ENEC 308	Environmental History	3	HIST 510	Human Rights in the Modern World ^H	3
ENEC 309	Environmental Values and Valuation	3	HIST 566	The History of Sexuality in America	3
ENEC 330	Principles of Sustainability	3	HIST 568	Women in the South	3
ENEC 350	 Environmental Law and Policy	3	HIST 577	United States Foreign Relations in the 20th Century	3
ENEC 351	Coastal Law and Policy	3	HIST 584	The Promise of Urbanization: American Cities in the 19th and 20th Centuries	3
ENEC 352	Marine Fisheries Ecology	3	HIST 589	Race, Racism, and America: (United States) Law in Historical Perspective	3
ENEC 370	Agriculture and the Environment ^H	3	HPM 310	 Introduction to Health Law and Ethics	3
ENEC 462	Ecosystem Management	3	HPM 330	Introduction to Health Organization Leadership, Management, and Behavior	3
ENEC 474	Sustainable Coastal Management	3	HPM 340	Foundations of Health Care Financial Management	3
ENEC 586	Water Quality Policies and Planning	3	HPM 350	Introduction to the U.S. Health System I	3
ENEC 685	Environmental and Resource Economics	3	HPM 351	Politics, Public Health, and Health Policy	3
ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3	HPM 352	 Introduction to the U.S. Health System II	3
ENEC/ENVR 470	Environmental Risk Assessment	3	INLS 382	Information Systems Analysis and Design	3
ENEC/PHIL 368	 Living Things, Wilderness, and Ecosystems: An Introduction to Environmental Ethics	3	INLS 515	Consumer Health Information	3
ENVR 600	Environmental Health	3	MEJO 340	Introduction to Media Law: Journalism Focus	3
GEOG 281	Ethnographies of Globalization: From 'Culture' to Decolonization	3	MEJO 441	Diversity and Communication	3
GEOG 370	 Introduction to Geographic Information	3	MEJO 442	Gender, Class, Race, and Mass Media	3
GEOG 391	Quantitative Methods in Geography	3	MEJO 443	Latino Media Studies	3
GEOG 414	 Climate Change	3	MEJO 445	Media Effects on Audiences	3
GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3	MEJO 446	 Global Communication and Comparative Journalism	3
GEOG 423	Social Geography	3	MEJO 458	Southern Politics: Critical Thinking and Writing	3
GEOG 428	 Global Cities: Space, Power, and Identity in the Built Environment	3	MEJO 541	Reporting & Writing About the Economy	3
GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3	MEJO 560	Environmental and Science Journalism ^H	3
GEOG 435	 Global Environmental Justice	3	MEJO 652	Digital Media Economics and Behavior ^H	3
GEOG 446	Geography of Health Care Delivery	3	MNGT 345	 Public Policy Toward Business	3
GEOG 447	Gender, Space, and Place in the Middle East	3	MNGT 365	The Worker and American Life	3
GEOG 448	Transnational Geographies of Muslim Societies	3	MNGT 380	The Economics of Labor Relations	3
GEOG/ENEC 451	 Population, Development, and the Environment	3	MNGT 410	 Formal Organizations and Bureaucracy	3
GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources ^H	3	MNGT 412	Social Stratification	3
GEOG 458	Urban Latin America: Politics, Economy, and Society	3	MNGT 415	Economy and Society	3
GEOG 460	 Geographies of Economic Change	3	MNGT 427	 The Labor Force	3
GEOG 470	 Political Ecology: Geographical Perspectives	3	PHIL 364	 Ethics and Economics	3
GEOG 480	Liberation Geographies	3	PHIL 370	 Authority, Freedom, and Rights: Advanced Political Philosophy	3
GEOG 491	Introduction to GIS	3	PHIL 384	 Gateway to Philosophy, Politics, and Economics ^H	3
GEOG 541	GIS in Public Health	3	PHIL 473	American Political Philosophy	3
GEOG 542	Neighborhoods and Health	3	PHIL 480	Philosophy of Law	3
GLBL 382	Latin American Migrant Perspectives: Ethnography and Action	3	PHIL 698	 Philosophy, Politics, and Economics: Capstone Course	3
			PLAN 330	Principles of Sustainability	3
			PLAN 574	Political Economy of Poverty and Inequality	3












PLAN 636	Urban Transportation Planning	3	PWAD 574	War and Culture	3
PLAN 637	Public Transportation	3	PWAD 575	Presidential Rhetoric	3
PLAN 641	Watershed Planning	3	PWAD 577	United States Foreign Relations in the 20th Century	3
PLAN 651	Urban Form and the Design of Cities	3	RELI 423	Ethnicity, Race, and Religion in America	3
PLAN 685	Water and Sanitation Planning and Policy in Less Developed Countries	3	RELI 443	Evangelicalism in Contemporary America ^H	3
POLI 400	Executive Politics	3	STOR 305	 Introduction to Decision Analytics	3
POLI 401	Political Economy I: The Domestic System	3	STOR 358	Sample Survey Methodology	4
POLI 406	State Governments: Laboratories of Democracy	3	STOR 415	Introduction to Optimization	3
POLI 410	The Constitution of the United States	3	STOR 455	Methods of Data Analysis	3
POLI 411	Civil Liberties under the Constitution ^H	3	SOCI 410	 Formal Organizations and Bureaucracy	3
POLI 412	United States National Elections ^H	3	SOCI 412	Social Stratification	3
POLI 416	Constitutional Policies and the Judicial Process	3	SOCI 415	Economy and Society	3
POLI 418	Mass Media and American Politics	3	SOCI 418	Contemporary Chinese Society	3
POLI 419H	Race and Politics in the Contemporary United States	3	SOCI 420	Political Sociology	3
POLI 420	Legislative Politics ^H	3	SOCI 422	 Sociology of Mental Health and Illness	3
POLI 431	African Politics and Societies	3	SOCI 423	 Sociology of Education, Experiential Education	3
POLI 433	Politics of the European Union ^H	3	SOCI 424	Law and Society	3
POLI 434	Politics of Mexico	3	SOCI 425	Family and Society, Junior/Senior Section	3
POLI 438	 Democracy and International Institutions in an Undivided Europe	3	SOCI 426	Sociology of Education	3
POLI 442	 International Political Economy	3	SOCI 427	 The Labor Force	3
POLI 443	American Foreign Policy: Formulation and Conduct	3	SOCI 431	Aging	3
POLI 444	 Terrorism and International Peace	3	SOCI 444	Race, Class, and Gender	3
POLI 457	International Conflict Processes	3	SOCI 468	United States Poverty and Public Policy	3
POLI 470	Social and Political Philosophy ^H	3	SOCI 469	Health and Society	3
POLI 472	Problems of Modern Democratic Theory ^H	3	SPHG 350H	Introduction to Public Health	3
PSYC 467	The Development of Black Children	3	WGST 368	Women of Color in Contemporary United States Social Movements	3
PSYC 469	Evolution and Development of Biobehavioral Systems	3	WGST 388	 The International Politics of Sexual and Reproductive Health	3
PSYC 471	The Study of Adolescent Issues and Development	3	WGST 410	 Comparative Queer Politics	3
PSYC 500	Developmental Psychopathology	3	WGST 662	Gender Issues in Planning and Development	3
PSYC 502	Psychology of Adulthood and Aging	3			
PSYC 504	Health Psychology	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 ^H	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 ^H	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.

First Year				Hours
First-Year Foundations Courses				
IDST 101		College Thriving		1
ENGL 105		English Composition and Rhetoric		3
First-Year Seminar or First-Year Launch (p. 640) ^F				3

IDST 111L	 Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Major Courses		
ECON 101	 Introduction to Economics ^{H, F}	4
PLCY 101 or PLCY 110	 Making Public Policy (Optional, elective credit) ^H or  Global Policy Issues	3
Hours		15
Sophomore Year		
PLCY 210	Policy Innovation and Analysis ^H	3
PLCY 220	 The Politics of Public Policy ^H	3
PLCY 340	 Justice in Public Policy ^H	3
STOR 155	 Introduction to Data Models and Inference (Strongly recommended) ^{H, F}	3
Hours		12
Junior Year		
PLCY 460	 Quantitative Analysis for Public Policy ^{2, H}	4
PLCY 581	 Research Design for Public Policy (PLCY 460 is a co- or prerequisite) ^H	3
PLCY 310 or ECON 410	Microeconomic Foundations of Public Policy or  Intermediate Microeconomics	3
Hours		10
Senior Year		
PLCY 698	 Senior Capstone in Public Policy ¹	4
Elective credit at 300 level or above		3
Hours		7
Total Hours		44

^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.

¹ or PLCY 691H and PLCY 692H.

² 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 Experience

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. The Ruth C. Samuelson Legacy Fund provides students an interactive training experience on trust and supports undergraduates or graduate students to participate

in a “listening tour” policy research project over the summer. Read more about these opportunities on the department’s website (<https://publicpolicy.unc.edu/academics/undergraduate/unc-public-policy-funding-and-awards/>).

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 (<https://publicpolicy.unc.edu/academics/undergraduate/honors/>) provides more information.

Policy Students Association

Founded as the Public Policy Majors’ Union in 1988, the Policy Students Association (PSA) brings together public policy-interested undergraduates to catalyze student collaboration, learning opportunities, skill development, and exposure to new experiences and ideas to further enrich their experience as public policy students at UNC–Chapel Hill. PSA is an organic voice of the undergraduate population and works with the department to maximize the short- and long-term potential of the Public Policy Department to help students achieve their academic and career goals.

Department Programs

Major

- Public Policy Major, B.A. (p. 546)

Minor

- Public Policy Minor (p. 552)

Professional

- M.P.P. (<https://catalog.unc.edu/graduate/schools-departments/public-policy/>)

Graduate Programs

- M.A. in Public Policy (<https://catalog.unc.edu/graduate/schools-departments/public-policy/>)
- Ph.D. in Public Policy (<https://catalog.unc.edu/graduate/schools-departments/public-policy/>)

Courses

- Public Policy (PLCY) (<https://catalog.unc.edu/courses/plcy/>)

Contact Information

Department of Public Policy

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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 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, poverty, 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. 711).

First-year and sophomore students considering a minor in public policy are encouraged to complete PLCY 101 or PLCY 110.

Code	Title	Hours
Requirements		
Students must complete at least four of the following core courses:		12
PLCY 210	Policy Innovation and Analysis ^H	
PLCY 220	 The Politics of Public Policy ^H	
PLCY 340	 Justice in Public Policy ^H	
PLCY 460	 Quantitative Analysis for Public Policy ^H	
PLCY 581	 Research Design for Public Policy ^H	
PLCY 310	Microeconomic Foundations of Public Policy ¹	
	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)		
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.




¹ ECON 101 is a prerequisite for PLCY 310 and ECON 410.

Public policy (PLCY) course descriptions (p.).












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	 The Jewish South: Race, Region, and Religion	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 ^H	3
BUSI 503	Family Business I: Introduction to Family Enterprise	1.5
BUSI 504	Startup UNC	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: Focus on Indigenous Issues	3
COMM 312	Persuasion	3
COMM 325	 Introduction to Organizational Communication ^H	3
COMM 372	The Rhetoric of Social Movements	3
COMM 375	Environmental Advocacy	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	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	GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
ECON 320	Macroeconomics: Theory and Policy	3	GEOG 423	Social Geography	3
ECON 325	Entrepreneurship: Principles, Concepts, Frameworks, and Fluency ^H	3	GEOG 428	 Global Cities: Space, Power, and Identity in the Built Environment	3
ECON 345	 Public Policy Toward Business	3	GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3
ECON 380	The Economics of Labor Relations	3	GEOG 435	 Global Environmental Justice	3
ECON 423	Financial Markets and Economic Fluctuations ^H	3	GEOG 446	Geography of Health Care Delivery	3
ECON 440	Analysis of Public Finance	3	GEOG 447	Gender, Space, and Place in the Middle East	3
ECON 445	 Industrial Organization	3	GEOG 448	Transnational Geographies of Muslim Societies	3
ECON 450	Health Economics: Problems and Policy	3	GEOG/ENEC 451	 Population, Development, and the Environment	3
ECON 455	Environmental Economic Theory	3	GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources ^H	3
ECON 460	 International Economics	3	GEOG 458	Urban Latin America: Politics, Economy, and Society	3
ECON 465	 Economic Development	3	GEOG 460	 Geographies of Economic Change	3
ECON 480	Labor Economics	3	GEOG 470	 Political Ecology: Geographical Perspectives	3
ECON 511	Advanced Game Theory in Economics ^H	3	GEOG 480	Liberation Geographies	3
EDUC 401	 Childhood Development: Prenatal Birth to Age 12	3	GEOG 491	Introduction to GIS	3
EDUC 506	 Politics, Policymaking, and America's Schools	3	GEOG 541	GIS in Public Health	3
EDUC 521	Schools, Cultures, and Communities I: Youth	3	GEOG 542	Neighborhoods and Health	3
EDUC 533	 Social Justice in Education	3	GLBL 382	Latin American Migrant Perspectives: Ethnography and Action	3
EDUC 535	Teachers and Schools	3	GLBL 390	Current Topics in Global Studies	3
EMES 314	 Earth Systems in a Changing World	3	HIST 238	 The American Revolution, 1763-1815	3
ENGL 164	 Introduction to Latina/o Studies ^H	3	HIST 365	The Worker and American Life	3
ENGL 279	Migration and Globalization	3	HIST 385	 African American Women's History	3
ENEC 463	 Corporate Environmental Stewardship	3	HIST 510	Human Rights in the Modern World ^H	3
ENEC 307	Energy and Material Flows in the Environment and Society	3	HIST 566	The History of Sexuality in America	3
ENEC 308	Environmental History	3	HIST 568	Women in the South	3
ENEC 309	Environmental Values and Valuation	3	HIST 577	United States Foreign Relations in the 20th Century	3
ENEC 330	Principles of Sustainability	3	HIST 584	The Promise of Urbanization: American Cities in the 19th and 20th Centuries	3
ENEC 350	 Environmental Law and Policy	3	HIST 589	Race, Racism, and America: (United States) Law in Historical Perspective	3
ENEC 351	Coastal Law and Policy	3	HPM 310	 Introduction to Health Law and Ethics	3
ENEC 352	Marine Fisheries Ecology	3	HPM 330	Introduction to Health Organization Leadership, Management, and Behavior	3
ENEC 370	Agriculture and the Environment ^H	3	HPM 340	Foundations of Health Care Financial Management	3
ENEC 462	Ecosystem Management	3	HPM 350	Introduction to the U.S. Health System I	3
ENEC 474	Sustainable Coastal Management	3	HPM 351	Politics, Public Health, and Health Policy	3
ENEC 586	Water Quality Policies and Planning	3	HPM 352	 Introduction to the U.S. Health System II	3
ENEC 685	Environmental and Resource Economics	3	INLS 382	Information Systems Analysis and Design	3
ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3	INLS 515	Consumer Health Information	3
ENEC/ENVR 470	Environmental Risk Assessment	3	MEJO 340	Introduction to Media Law: Journalism Focus	3
ENEC/PHIL 368	 Living Things, Wilderness, and Ecosystems: An Introduction to Environmental Ethics	3	MEJO 441	Diversity and Communication	3
ENVR 600	Environmental Health	3	MEJO 442	Gender, Class, Race, and Mass Media	3
GEOG 281	Ethnographies of Globalization: From 'Culture' to Decolonization	3	MEJO 443	Latino Media Studies	3
GEOG 370	 Introduction to Geographic Information	3	MEJO 445	Media Effects on Audiences	3
GEOG 391	Quantitative Methods in Geography	3			
GEOG 414	 Climate Change	3			

MEJO 446	 Global Communication and Comparative Journalism	3	POLI 472	Problems of Modern Democratic Theory ^H	3
MEJO 458	Southern Politics: Critical Thinking and Writing	3	PSYC 467	The Development of Black Children	3
MEJO 541	Reporting & Writing About the Economy	3	PSYC 469	Evolution and Development of Biobehavioral Systems	3
MEJO 560	Environmental and Science Journalism ^H	3	PSYC 471	The Study of Adolescent Issues and Development	3
MEJO 652	Digital Media Economics and Behavior ^H	3	PSYC 500	Developmental Psychopathology	3
MNGT 345	 Public Policy Toward Business	3	PSYC 502	Psychology of Adulthood and Aging	3
MNGT 365	The Worker and American Life	3	PSYC 504	Health Psychology	3
MNGT 380	The Economics of Labor Relations	3	PSYC 514	Mania and Depression	3
MNGT 410	 Formal Organizations and Bureaucracy	3	PSYC 530	Design and Interpretation of Psychological Research	3
MNGT 412	Social Stratification	3	PSYC 531	Tests and Measurement	3
MNGT 415	Economy and Society	3	PSYC 532	Quantitative Psychology ^H	3
MNGT 427	 The Labor Force	3	PSYC 565	Stereotyping, Prejudice, and Discrimination	3
PHIL 364	 Ethics and Economics	3	PSYC 601	Psychology and Law	3
PHIL 370	 Authority, Freedom, and Rights: Advanced Political Philosophy	3	PWAD 250	 Introduction to Peace and Security Studies	3
PHIL 384	 Gateway to Philosophy, Politics, and Economics ^H	3	PWAD 368	War and American Society to 1903	3
PHIL 473	American Political Philosophy	3	PWAD 416	Constitutional Policies and the Judicial Process	3
PHIL 480	Philosophy of Law	3	PWAD 443	American Foreign Policy: Formulation and Conduct	3
PHIL 698	 Philosophy, Politics, and Economics: Capstone Course	3	PWAD 444	 Terrorism and International Peace	3
PLAN 330	Principles of Sustainability	3	PWAD 453	 Political Geography	3
PLAN 574	Political Economy of Poverty and Inequality	3	PWAD 460	 International Economics	3
PLAN 636	Urban Transportation Planning	3	PWAD 469	Conflict and Intervention in the Former Yugoslavia ^H	3
PLAN 637	Public Transportation	3	PWAD 574	War and Culture	3
PLAN 641	Watershed Planning	3	PWAD 575	Presidential Rhetoric	3
PLAN 651	Urban Form and the Design of Cities	3	PWAD 577	United States Foreign Relations in the 20th Century	3
PLAN 685	Water and Sanitation Planning and Policy in Less Developed Countries	3	RELI 423	Ethnicity, Race, and Religion in America	3
POLI 400	Executive Politics	3	RELI 443	Evangelicalism in Contemporary America ^H	3
POLI 401	Political Economy I: The Domestic System	3	STOR 305	 Introduction to Decision Analytics	3
POLI 406	State Governments: Laboratories of Democracy	3	STOR 358	Sample Survey Methodology	4
POLI 410	The Constitution of the United States	3	STOR 415	Introduction to Optimization	3
POLI 411	Civil Liberties under the Constitution ^H	3	STOR 455	Methods of Data Analysis	3
POLI 412	United States National Elections ^H	3	SOCI 410	 Formal Organizations and Bureaucracy	3
POLI 416	Constitutional Policies and the Judicial Process	3	SOCI 412	Social Stratification	3
POLI 418	Mass Media and American Politics	3	SOCI 415	Economy and Society	3
POLI 419H	Race and Politics in the Contemporary United States	3	SOCI 418	Contemporary Chinese Society	3
POLI 420	Legislative Politics ^H	3	SOCI 420	Political Sociology	3
POLI 431	African Politics and Societies	3	SOCI 422	 Sociology of Mental Health and Illness	3
POLI 433	Politics of the European Union ^H	3	SOCI 423	 Sociology of Education, Experiential Education	3
POLI 434	Politics of Mexico	3	SOCI 424	Law and Society	3
POLI 438	 Democracy and International Institutions in an Undivided Europe	3	SOCI 425	Family and Society, Junior/Senior Section	3
POLI 442	 International Political Economy	3	SOCI 426	Sociology of Education	3
POLI 443	American Foreign Policy: Formulation and Conduct	3	SOCI 427	 The Labor Force	3
POLI 444	 Terrorism and International Peace	3	SOCI 431	Aging	3
POLI 457	International Conflict Processes	3	SOCI 444	Race, Class, and Gender	3
POLI 470	Social and Political Philosophy ^H	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 662	Gender Issues in Planning and Development	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. 546) for special opportunities.

Department Programs

Major

- Public Policy Major, B.A. (p. 546)

Minor

- Public Policy Minor (p. 552)

Professional

- M.P.P. (<https://catalog.unc.edu/graduate/schools-departments/public-policy/>)

Graduate Programs

- M.A. in Public Policy (<https://catalog.unc.edu/graduate/schools-departments/public-policy/>)
- Ph.D. in Public Policy (<https://catalog.unc.edu/graduate/schools-departments/public-policy/>)

Courses

- Public Policy (PLCY) (<https://catalog.unc.edu/courses/plcy/>)

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Director of Undergraduate Studies

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Department of Religious Studies

Introduction

The Department of Religious Studies is dedicated to the study of religions as historical, social, and cultural phenomena. We offer courses on Buddhism, Islam, Hinduism, Judaism, Christianity, Indigenous religions,

ancient religions, and a variety of traditions across the globe. Our faculty employ diverse and interdisciplinary methods to better understand the rituals, texts, celebrations, pilgrimages, beliefs, and everyday practices that constitute religious lives.

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 the Carolina Center for 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 contact the Carolina Center for the Study of the Middle East and Muslim Civilizations for updated contact information.

Career Opportunities and Graduate School

Students majoring and minoring in religious studies pursue careers in a wide variety of fields, including public service, ministry, consulting, medical and legal professions, business, artistic endeavors, and work in the non-profit sector. The department offers regular opportunities for career exploration and networking that provide tangible guidance on how to connect the knowledge and skills we teach to today's job market. Religious studies majors learn to appreciate cultural differences, understand changing global realities, synthesize complex information, write clearly, and speak persuasively. All of these qualities are in great demand. Many graduates of the program also go on to professional schools in law, medicine, divinity, public health, business, library and information science, and journalism. Other students choose to pursue an M.A. or Ph.D. in religious studies or related fields in the humanities and social sciences. Each year the department awards several prizes, including the Bernard Boyd Fellowship to support a graduating religious studies major who is planning to pursue graduate study in religion or a closely related discipline.

Majors

- Religious Studies Major, B.A. (p. 557)
- Religious Studies Major, B.A. – Jewish Studies Concentration (p. 562)

Minors

- Islamic and Middle Eastern Studies Minor (p. 563)
- Jewish Studies Minor (p. 565)
- Religious Studies Minor (p. 566)
- Study of Christianity and Culture Minor (p. 570)

Graduate Programs

- M.A. in Religious Studies (<https://catalog.unc.edu/graduate/schools-departments/religious-studies/>)
- Ph.D. in Religious Studies (<https://catalog.unc.edu/graduate/schools-departments/religious-studies/>)

Courses

- Religious Studies (RELI) (<https://catalog.unc.edu/courses/reli/>)
- Jewish Studies (JWST) (<https://catalog.unc.edu/courses/jwst/>)

Professors

Barbara Ambros, Yaakov Ariel, Bart D. Ehrman, Juliane Hammer, Jodi Magness, Evyatar Marienberg, Todd Ramón Ochoa, Zlatko Pleshe.

Associate Professors

Andrea Cooper, Brandon Bayne, Jessica Boon, Joseph Lam, David Lambert, Lauren Leve, Hugo Méndez, Randall Styers, Brendan Thornton.

Assistant Professors

Youssef Carter, Eden Consenstein, Abelardo de la Cruz, Maharshi Vyas.

Adjunct Professors

Cemil Aydin, Philip F. Gura, Charles Kurzman, David Morgan (Duke), James B. Rives, Omid Safi (Duke University).

Adjunct Associate Professors

Anna Bigelow (Stanford University), Christian Lundberg, Barry Saunders, Margaret J. Wiener, Joseph Winters (Duke), Molly Worthen.

Professors Emeriti

Carl W. Ernst, David J. Halperin, Peter I. Kaufman, Laurie Maffly-Kipp, Jack Sasson, John Van Seters.

Contact Information

Department of Religious Studies

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Religious Studies Major, B.A.

The Department of Religious Studies is dedicated to the study of religions as historical, social, and cultural phenomena. We offer courses on Buddhism, Islam, Hinduism, Judaism, Christianity, Indigenous religions, ancient religions, and a variety of traditions across the globe. Our faculty employ diverse and interdisciplinary methods to better understand the rituals, texts, celebrations, pilgrimages, beliefs, and everyday practices that constitute religious lives. The major in religious studies allows students to explore all of these topics and more across a wide range of cultures and with a variety of methodological approaches.

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. 711).


Code	Title	Hours
Core Requirements		
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
Additional Requirements		
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.		
Total Hours		27


Religious Studies (RELI) course descriptions (p.).

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 ^H	3
RELI 105	Religions of the Greco-Roman World	3
RELI 109	 History and Culture of Ancient Israel ^H	3
RELI 114	 Early Christian Worship, Ritual, and Bodies	3
RELI 117	 Culture of the Ancient Near East	3
RELI 201	 Ancient Biblical Interpretation ^H	3
RELI 205	 Sacrifice in the Ancient World ^H	3
RELI 207	 Jesus in the Early Christian Gospels	3
RELI 208	 The Birth of Christianity	3
RELI 209	 Varieties of Early Christianity ^H	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 215	 Eastern Christian Cultures: Middle East, Asia, Africa, and Eastern Europe	3
RELI 217	 Gnosticism ^H	3
RELI 314	 Memory and the Historical Jesus ^H	3
RELI 315	Religious Frauds: Lies, Forgeries, and Fake News ^H	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 501	 The History of the Bible in Modern Study	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 ^H	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 617	 Death and Afterlife in the Ancient World ^H	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 ^H	3
RELI/JWST 103	 Introduction to the Hebrew Bible/Old Testament Literature ^H	3
RELI/JWST 106	 Judaism in the Time of Jesus	3

RELI/JWST 206	Prophecy and Divination in Ancient Israel and Judah ^H	3
RELI/JWST 503	 Exploring the Dead Sea Scrolls ^H	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.











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/COMM/RELI 387	 Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	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 ^H	3
ASIA/RELI 284	 The Buddhist Tradition: East Asia	3
ASIA/RELI 285	 Monks, Magic, & Meditation: Theravada Buddhism Across Space and Time	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 445	Asian Religions in America	3
ASIA/RELI 486	 Islam and Feminism/Islamic Feminism	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/RELI 587	 Islam and Sexual Diversity	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 66	 First-Year Seminar: Buddhism in America: From the Buddha to the Beastie Boys	3
RELI 73	 First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion ^H	3
RELI 165	 Mysticism ^H	3
RELI 184	 East Asian Religions	3
RELI 185	 Women/Gender/Islam ^H	3
RELI 248	 Introduction to American Islam ^H	3
RELI 279	 Islamic Law, Ethics, and Practice	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

^H 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
EURO/RELI 270	 Religion in Western Europe ^H	3
GSLL/RELI 218	Christianity and Islam in the Middle Ages	3
GERM/RELI 227	 Luther and the Bible	3
HIST/RELI 263	 Gender and Religion in Premodern Europe ^H	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 87	 First-Year Seminar: Confessions	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 ^H	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 ^H	3
RELI 166	Ideals, Cultures, and Rituals of the University ^H	3
RELI 184	 East Asian Religions	3
RELI 209	 Varieties of Early Christianity ^H	3
RELI 215	 Eastern Christian Cultures: Middle East, Asia, Africa, and Eastern Europe	3
RELI 220	 Religion and Medicine ^H	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 ^H	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 564	 Religion, Race, and Inquisition in the Spanish Empire	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 ^H	3
RELI 662	Advanced Seminar in Contemporary Catholicism	3
RELI/WGST 362	 Mary in the Christian Tradition ^H	3
RELI/WGST 371	Women Mystics	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	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.



















Religion and Culture

Code	Title	Hours
ANTH/FOLK/RELI 428	Religion and Anthropology ^H	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
HIST/RELI 263	Gender and Religion in Premodern Europe ^H	3
JWST 100/ RELI 123	Introduction to Jewish Studies	3
JWST/RELI 343	Religion in Modern Israel	3
JWST/RELI/ WGST 533	Women, Gender, and Judaism	3
PHIL 134/ RELI 126	Reason, Faith, and God: Philosophy of Western Religion ^H	3
RELI 60	First-Year Seminar: Religion and Racism	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 ^H	3
RELI 71	First-Year Seminar: The Spirit of Capitalism	3
RELI 74	First-Year Seminar: Person, Time, and Religious Conduct ^H	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 77	First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence	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 ^H	3
RELI 122	Introduction to Philosophical Approaches to Religion ^H	3
RELI 125	Heaven and Hell	3
RELI 127	The Claims of Science and Religion	3
RELI 130	Religion and Popular Culture	3
RELI 134	Introduction to Religious Ethics ^H	3
RELI 135	Religion, Ethics, and Technology ^H	3
RELI 138	Religious Freedom	3
RELI 163	Critical Issues in Western Religious Thought	3
RELI 166	Ideals, Cultures, and Rituals of the University ^H	3
RELI 167	Global Christianity	3
RELI 205	Sacrifice in the Ancient World ^H	3
RELI 220	Religion and Medicine ^H	3
RELI 222	Modern Western Religious Thought	3
RELI 224	Modern Jewish Thought ^H	3
RELI 225	Christian Cultures	3
RELI 226	Human Animals in Religion and Ethics	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 245	Latina/o Religions in the United States-Mexico Borderlands ^H	3
RELI 246	Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas ^H	3
RELI 322	Theories of Religion ^H	3
RELI 323	Social Theory and Cultural Diversity	3
RELI 325	Religion, Magic, and Science	3
RELI 338	Religion in American Law	3
RELI 345	Black Atlantic Religions ^H	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 ^H	3
RELI 421	Religion and Science	3
RELI 423	Ethnicity, Race, and Religion in America	3
RELI 425	Psychology of Religion ^H	3
RELI 426	The Sacrifice of Abraham ^H	3
RELI 427	Spirit Possession and Mediumship	3
RELI 430	Dimensions of Evil	3
RELI 438	Religion, Nature, and Environment ^H	3
RELI 452	Documenting Religion	3
RELI 474	Buddhist Meditation, Mindfulness, and Modernity	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 527	Religious Metaphor and Symbol	3
RELI 528	Rituals and Rhetorics of Religion	3
RELI 530	Genealogies of Religion	3
RELI 564	Religion, Race, and Inquisition in the Spanish Empire	3
RELI 590	Topics in the Study of Religion (based on topic)	3
RELI 620	Feminism and Religion	3
RELI/SOCI 429	Religion and Society	3

RELI/WGST 244	 Gender and Sexuality in Western Christianity ^H	3
RELI/WGST 362	 Mary in the Christian Tradition ^H	3
RELI 368/ WGST 370	 Race, Sexuality, and Disability in the History of Western Christianity ^H	3
RELI/WGST 424	 Gender Theory and the Study of Religion	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	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.

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 343	 Religion in Modern Israel	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 71	 First-Year Seminar: The Spirit of Capitalism	3
RELI 72	 First-Year Seminar: Apocalypse Now? Messianic Movements in America	3
RELI 87	 First-Year Seminar: Confessions	3
RELI 130	 Religion and Popular Culture	3
RELI 135	 Religion, Ethics, and Technology ^H	3
RELI 140	 Religion in America ^H	3
RELI 141	 African American Religions ^H	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 ^H	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 ^H	3
RELI 246	 Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas ^H	3
RELI 247	Uncertain Truths: Conspiracy Theories, Aliens, and Secret Societies in America	3
RELI 248	 Introduction to American Islam ^H	3

RELI 332	 The Protestant Tradition ^H	3
RELI 338	 Religion in American Law	3
RELI 340	Liberal Tradition in American Religion	3
RELI 345	 Black Atlantic Religions ^H	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 ^H	3
RELI 442	History of Religion in America since 1865	3
RELI 443	Evangelicalism in Contemporary America ^H	3
RELI 446	Christian-Jewish Relations throughout the Ages	3
RELI 448	 Native and Christian: Indigenous Engagements with Christianity	3
RELI 452	 Documenting Religion	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 ^H	3
RELI 542	Religion and the Counterculture ^H	3
RELI 580	 African American Islam	3
RELI 590	Topics in the Study of Religion (based on topic)	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 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

Some 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 has funds to support summer research connected to students' pursuit of a major in religious studies.

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. 557)
- Religious Studies Major, B.A.—Jewish Studies Concentration (p. 562)

Minors

- Islamic and Middle Eastern Studies Minor (p. 563)
- Jewish Studies Minor (p. 565)
- Religious Studies Minor (p. 566)
- Study of Christianity and Culture Minor (p. 570)

Graduate Programs

- M.A. in Religious Studies (<https://catalog.unc.edu/graduate/schools-departments/religious-studies/>)
- Ph.D. in Religious Studies (<https://catalog.unc.edu/graduate/schools-departments/religious-studies/>)

Courses

- Religious Studies (RELI) (<https://catalog.unc.edu/courses/reli/>)
- Jewish Studies (JWST) (<https://catalog.unc.edu/courses/jwst/>)

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 Boykin
myboykin@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. 711).

Code	Title	Hours
Core Requirements		
JWST 100/ RELI 123	 Introduction to Jewish Studies	3
JWST 697	Capstone Course: Themes and Methodologies in Jewish Studies ¹	3
Six (6) additional Jewish Studies (JWST) elective courses, with at least two courses numbered 400 or higher.		18
Additional Requirements		
Two language courses relevant to Jewish Studies, chosen from the following options: ²		6
HEBR 101, HEBR 102, HEBR 203, and HEBR 204		
RELI 211 and RELI 212		
RELI 401, RELI 402, RELI 403, and RELI 404		
Total Hours		30

¹ An alternative for this course requires the approval of the Director of Undergraduate Studies - Jewish Studies.
² Other languages not listed above (e.g. Yiddish, Ladino, Arabic, etc.) or a language exemption require the approval of the Director of Undergraduate Studies - Jewish Studies.

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.

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

Some 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 has funds to support summer research connected to students' pursuit of a major in religious studies.

The department also inducts qualified majors into the Religious Studies National Honor Society, Theta Alpha Kappa.

Department Programs

Majors

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Graduate Programs

- M.A. in Religious Studies (<https://catalog.unc.edu/graduate/schools-departments/religious-studies/>)
- Ph.D. in Religious Studies (<https://catalog.unc.edu/graduate/schools-departments/religious-studies/>)

Courses

- Religious Studies (RELI) (<https://catalog.unc.edu/courses/reli/>)
- Jewish Studies (JWST) (<https://catalog.unc.edu/courses/jwst/>)

Contact Information

Department of Religious Studies

Visit Program Website (<http://religion.unc.edu>)
125 Carolina Hall, CB# 3225
(919) 962-5666

Director for Jewish Studies

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Director of Undergraduate Studies for Jewish Studies Concentration

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Chair

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Student Services Manager, Registrar

Myra Boykin
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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. 711).

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
Core Requirements		
RELI 180	 Introduction to Islamic Civilization ¹	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
Additional Requirements		
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.		
Total Hours		15

¹ 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. Julianne 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 ^H	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
GSLI/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 ^H	3
RELI 248	 Introduction to American Islam ^H	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

^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 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 ^H	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 ^H	3
HIST 163	 Modern Central Asia ^H	3
HIST 273	 Water, Conflict, and Connection in the Middle East	3

HIST 511	9/11 in World History ^H	3
JWST/RELI 343	 Religion in Modern Israel	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. 561) for special opportunities.

Department Programs

Majors

- Religious Studies Major, B.A. (p. 557)
- Religious Studies Major, B.A. – Jewish Studies Concentration (p. 562)

Minors

- Islamic and Middle Eastern Studies Minor (p. 563)
- Jewish Studies Minor (p. 565)
- Religious Studies Minor (p. 566)
- Study of Christianity and Culture Minor (p. 570)

Graduate Programs

- M.A. in Religious Studies (<https://catalog.unc.edu/graduate/schools-departments/religious-studies/>)
- Ph.D. in Religious Studies (<https://catalog.unc.edu/graduate/schools-departments/religious-studies/>)

Courses

- Religious Studies (RELI) (<https://catalog.unc.edu/courses/reli/>)
- Jewish Studies (JWST) (<https://catalog.unc.edu/courses/jwst/>)

Contact Information

Department of Religious Studies

Visit Program Website (<http://religion.unc.edu>)
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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. 711).

The minor consists of five courses.

Code	Title	Hours
Core Requirements		
JWST 100/ RELI 123	 Introduction to Jewish Studies (core course)	3
Four (4) additional Jewish Studies (JWST) elective courses, with at least one course numbered 400 or higher.		12
Total Hours		15

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. 557)
- Religious Studies Major, B.A. – Jewish Studies Concentration (p. 562)

Minors

- Islamic and Middle Eastern Studies Minor (p. 563)
- Jewish Studies Minor (p. 565)
- Religious Studies Minor (p. 566)
- Study of Christianity and Culture Minor (p. 570)

Graduate Programs

- M.A. in Religious Studies (<https://catalog.unc.edu/graduate/schools-departments/religious-studies/>)
- Ph.D. in Religious Studies (<https://catalog.unc.edu/graduate/schools-departments/religious-studies/>)

Courses

- Religious Studies (RELI) (<https://catalog.unc.edu/courses/reli/>)
- Jewish Studies (JWST) (<https://catalog.unc.edu/courses/jwst/>)

Contact Information

Department of Religious Studies

Visit Program Website (<http://religion.unc.edu>)
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Religious Studies Minor

The Department of Religious Studies is dedicated to the study of religions as historical, social, and cultural phenomena. It offers courses on Buddhism, Islam, Hinduism, Judaism, Christianity, indigenous religions, ancient religions, and a variety of traditions across the globe. Faculty employ diverse and interdisciplinary methods to better understand the rituals, texts, celebrations, pilgrimages, beliefs, and everyday practices that constitute religious lives. The minor in religious studies allows students to explore all of these topics and more across a wide range of cultures and with a variety of methodological approaches.

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. 711).

Code	Title	Hours
Core Requirements		
Minimum requirements for the minor consist of five courses, two of which must be numbered above 400		15
Additional Requirements		
At least one course in two of the department's subfields (see lists below).		
Total Hours		15






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 ^H	3
RELI 105	Religions of the Greco-Roman World	3
RELI 109	 History and Culture of Ancient Israel ^H	3
RELI 114	 Early Christian Worship, Ritual, and Bodies	3
RELI 117	 Culture of the Ancient Near East	3
RELI 201	 Ancient Biblical Interpretation ^H	3
RELI 205	 Sacrifice in the Ancient World ^H	3
RELI 207	 Jesus in the Early Christian Gospels	3
RELI 208	 The Birth of Christianity	3
RELI 209	 Varieties of Early Christianity ^H	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 215	 Eastern Christian Cultures: Middle East, Asia, Africa, and Eastern Europe	3
RELI 217	 Gnosticism ^H	3
RELI 314	 Memory and the Historical Jesus ^H	3
RELI 315	Religious Frauds: Lies, Forgeries, and Fake News ^H	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 501	 The History of the Bible in Modern Study	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 ^H	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 617	 Death and Afterlife in the Ancient World ^H	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 ^H	3
RELI/JWST 103	 Introduction to the Hebrew Bible/Old Testament Literature ^H	3
RELI/JWST 106	 Judaism in the Time of Jesus	3
RELI/JWST 206	Prophecy and Divination in Ancient Israel and Judah ^H	3
RELI/JWST 503	 Exploring the Dead Sea Scrolls ^H	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.








Asian Religions-Islamic Studies

Code	Title	Hours
ANTH/ASIA/RELI 574	Chinese World Views	3
ARAB/ASIA/RELI 681	Readings in Islamic Literature	3
ASIA/COMM/ RELI 386	Dance and Embodied Knowledge in the Indian Context	3
ASIA/COMM/ RELI 387	 Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	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 ^H	3
ASIA/RELI 284	 The Buddhist Tradition: East Asia	3
ASIA/RELI 285	 Monks, Magic, & Meditation: Theravada Buddhism Across Space and Time	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 445	Asian Religions in America	3
ASIA/RELI 486	 Islam and Feminism/Islamic Feminism	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/RELI 587	 Islam and Sexual Diversity	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 66	 First-Year Seminar: Buddhism in America: From the Buddha to the Beastie Boys	3
RELI 73	 First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion ^H	3
RELI 165	 Mysticism ^H	3
RELI 184	 East Asian Religions	3
RELI 185	 Women/Gender/Islam ^H	3
RELI 248	 Introduction to American Islam ^H	3
RELI 279	 Islamic Law, Ethics, and Practice	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

^H 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
EURO/RELI 270	 Religion in Western Europe ^H	3

GSLL/RELI 218	Christianity and Islam in the Middle Ages	3
GERM/RELI 227	Luther and the Bible	3
HIST/RELI 263	Gender and Religion in Premodern Europe ^H	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 87	First-Year Seminar: Confessions	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 ^H	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 ^H	3
RELI 166	Ideals, Cultures, and Rituals of the University ^H	3
RELI 184	East Asian Religions	3
RELI 209	Varieties of Early Christianity ^H	3
RELI 215	Eastern Christian Cultures: Middle East, Asia, Africa, and Eastern Europe	3
RELI 220	Religion and Medicine ^H	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 ^H	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 564	Religion, Race, and Inquisition in the Spanish Empire	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 ^H	3
RELI 662	Advanced Seminar in Contemporary Catholicism	3

RELI/WGST 362	Mary in the Christian Tradition ^H	3
RELI/WGST 371	Women Mystics	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	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.

Religion and Culture













Code	Title	Hours
ANTH/FOLK/RELI 428	Religion and Anthropology ^H	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
HIST/RELI 263	Gender and Religion in Premodern Europe ^H	3
JWST 100/ RELI 123	Introduction to Jewish Studies	3
JWST/RELI 343	Religion in Modern Israel	3
JWST/RELI/ WGST 533	Women, Gender, and Judaism	3
PHIL 134/ RELI 126	Reason, Faith, and God: Philosophy of Western Religion ^H	3
RELI 60	First-Year Seminar: Religion and Racism	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 ^H	3
RELI 71	First-Year Seminar: The Spirit of Capitalism	3
RELI 74	First-Year Seminar: Person, Time, and Religious Conduct ^H	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 77	First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence	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 ^H	3
RELI 122	Introduction to Philosophical Approaches to Religion ^H	3
RELI 125	Heaven and Hell	3
RELI 127	The Claims of Science and Religion	3

RELI 130	 Religion and Popular Culture	3
RELI 134	Introduction to Religious Ethics ^H	3
RELI 135	 Religion, Ethics, and Technology ^H	3
RELI 138	 Religious Freedom	3
RELI 163	 Critical Issues in Western Religious Thought	3
RELI 166	Ideals, Cultures, and Rituals of the University ^H	3
RELI 167	 Global Christianity	3
RELI 205	 Sacrifice in the Ancient World ^H	3
RELI 220	 Religion and Medicine ^H	3
RELI 222	 Modern Western Religious Thought	3
RELI 224	 Modern Jewish Thought ^H	3
RELI 225	Christian Cultures	3
RELI 226	 Human Animals in Religion and Ethics	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 245	Latina/o Religions in the United States-Mexico Borderlands ^H	3
RELI 246	 Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas ^H	3
RELI 322	Theories of Religion ^H	3
RELI 323	Social Theory and Cultural Diversity	3
RELI 325	 Religion, Magic, and Science	3
RELI 338	 Religion in American Law	3
RELI 345	 Black Atlantic Religions ^H	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 ^H	3
RELI 421	 Religion and Science	3
RELI 423	Ethnicity, Race, and Religion in America	3
RELI 425	Psychology of Religion ^H	3
RELI 426	 The Sacrifice of Abraham ^H	3
RELI 427	 Spirit Possession and Mediumship	3
RELI 430	 Dimensions of Evil	3
RELI 438	 Religion, Nature, and Environment ^H	3
RELI 452	 Documenting Religion	3
RELI 474	Buddhist Meditation, Mindfulness, and Modernity	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 527	 Religious Metaphor and Symbol	3
RELI 528	Rituals and Rhetorics of Religion	3
RELI 530	 Genealogies of Religion	3

RELI 564	 Religion, Race, and Inquisition in the Spanish Empire	3
RELI 590	Topics in the Study of Religion (based on topic)	3
RELI 620	 Feminism and Religion	3
RELI/SOCI 429	 Religion and Society	3
RELI/WGST 244	 Gender and Sexuality in Western Christianity ^H	3
RELI/WGST 362	 Mary in the Christian Tradition ^H	3
RELI 368/ WGST 370	 Race, Sexuality, and Disability in the History of Western Christianity ^H	3
RELI/WGST 424	 Gender Theory and the Study of Religion	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	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.

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 343	 Religion in Modern Israel	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 71	 First-Year Seminar: The Spirit of Capitalism	3
RELI 72	 First-Year Seminar: Apocalypse Now? Messianic Movements in America	3
RELI 87	 First-Year Seminar: Confessions	3
RELI 130	 Religion and Popular Culture	3
RELI 135	 Religion, Ethics, and Technology ^H	3
RELI 140	 Religion in America ^H	3
RELI 141	 African American Religions ^H	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 ^H	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 ^H	3

RELI 246	 Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas ^H	3
RELI 247	Uncertain Truths: Conspiracy Theories, Aliens, and Secret Societies in America	3
RELI 248	 Introduction to American Islam ^H	3
RELI 332	 The Protestant Tradition ^H	3
RELI 338	 Religion in American Law	3
RELI 340	Liberal Tradition in American Religion	3
RELI 345	 Black Atlantic Religions ^H	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 ^H	3
RELI 442	History of Religion in America since 1865	3
RELI 443	Evangelicalism in Contemporary America ^H	3
RELI 446	Christian-Jewish Relations throughout the Ages	3
RELI 448	 Native and Christian: Indigenous Engagements with Christianity	3
RELI 452	 Documenting Religion	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 ^H	3
RELI 542	Religion and the Counterculture ^H	3
RELI 580	 African American Islam	3
RELI 590	Topics in the Study of Religion (based on topic)	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. 561) for special opportunities.

Department Programs

Majors

- Religious Studies Major, B.A. (p. 557)
- Religious Studies Major, B.A.–Jewish Studies Concentration (p. 562)

Minors

- Islamic and Middle Eastern Studies Minor (p. 563)
- Jewish Studies Minor (p. 565)
- Religious Studies Minor (p. 566)
- Study of Christianity and Culture Minor (p. 570)

Graduate Programs

- M.A. in Religious Studies (<https://catalog.unc.edu/graduate/schools-departments/religious-studies/>)
- Ph.D. in Religious Studies (<https://catalog.unc.edu/graduate/schools-departments/religious-studies/>)

Courses

- Religious Studies (RELI) (<https://catalog.unc.edu/courses/reli/>)
- Jewish Studies (JWST) (<https://catalog.unc.edu/courses/jwst/>)

Contact Information

Department of Religious Studies

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Myra Boykin
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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. 711).

Code	Title	Hours
Requirements		
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 ^H	
RELI 167	 Global Christianity	
RELI 209	 Varieties of Early Christianity ^H	
RELI 225	Christian Cultures	
RELI 266	 Medieval and Renaissance Christian Cultures	
RELI 332	 The Protestant Tradition ^H	
Ancient, medieval, or early modern Christianity (see list below)		3-9
Christianity in the modern world (see list below)		3-9
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.














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 365	Late Medieval Art	3
CLAR/JWST/ RELI 110	 The Archaeology of Palestine in the New Testament Period	3
CLAS 259	Pagans and Christians	3
ENGL 223	 Chaucer ^H	3
ENGL 224	 Survey of Medieval English Literature, excluding Chaucer ^H	3
ENGL 227	 Literature of the Earlier Renaissance ^H	3
ENGL 228	Literature of the Later Renaissance ^H	3
GSLI/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 ^H	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 ^H	3
RELI 207	 Jesus in the Early Christian Gospels	3
RELI 208	 The Birth of Christianity	3
RELI 209	 Varieties of Early Christianity ^H	3
RELI 217	 Gnosticism ^H	3
RELI 218	Christianity and Islam in the Middle Ages	3
RELI 244	 Gender and Sexuality in Western Christianity ^H	3
RELI 266	 Medieval and Renaissance Christian Cultures	3
RELI 314	 Memory and the Historical Jesus ^H	3
RELI 315	Religious Frauds: Lies, Forgeries, and Fake News ^H	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 ^H	3
RELI 564	 Religion, Race, and Inquisition in the Spanish Empire	3
RELI 603	 The Bible and Its Translation	3
RELI 607	Problems in Early Christian Literature and History ^H	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/GERM 227	 Luther and the Bible	3
RELI/WGST 362	 Mary in the Christian Tradition ^H	3
RELI 368/ WGST 370	 Race, Sexuality, and Disability in the History of Western Christianity ^H	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	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.

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
PHIL 134/ RELI 126	 Reason, Faith, and God: Philosophy of Western Religion ^H	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 ^H	3
RELI 141	 African American Religions ^H	3
RELI 142	 Catholicism in America	3
RELI 151	 Religion in Latin America	3
RELI 161	 Introduction to the History of Christian Traditions ^H	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 ^H	3
RELI 332	 The Protestant Tradition ^H	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 ^H	3
RELI 443	Evangelicalism in Contemporary America ^H	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 ^H	3
RELI 542	Religion and the Counterculture ^H	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 ^H	3
RELI/WGST 371	Women Mystics	3
SOCI 290	Special Topics in Sociology ¹	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.

¹ With permission, based on topic.

See the program page here (p. 561) for special opportunities.

Department Programs

Majors

- Religious Studies Major, B.A. (p. 557)
- Religious Studies Major, B.A. – Jewish Studies Concentration (p. 562)

Minors

- Islamic and Middle Eastern Studies Minor (p. 563)
- Jewish Studies Minor (p. 565)
- Religious Studies Minor (p. 566)
- Study of Christianity and Culture Minor (p. 570)

Graduate Programs

- M.A. in Religious Studies (<https://catalog.unc.edu/graduate/schools-departments/religious-studies/>)
- Ph.D. in Religious Studies (<https://catalog.unc.edu/graduate/schools-departments/religious-studies/>)

Courses

- Religious Studies (RELI) (<https://catalog.unc.edu/courses/reli/>)
- Jewish Studies (JWST) (<https://catalog.unc.edu/courses/jwst/>)

Contact Information

Department of Religious Studies

Visit Program Website (<http://religion.unc.edu>)
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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. 574)
- Romance Languages Major, B.A. –Italian (p. 579)
- Romance Languages Major, B.A. –Portuguese (p. 582)
- Romance Languages Major, B.A. –Hispanic Studies (p. 585)
- Romance Languages Major, B.A. –Hispanic Linguistics (p. 589)

Minors

- French Minor (p. 593)
- Italian Minor (p. 594)
- Portuguese Minor (p. 594)
- Hispanic Studies Minor (p. 595)
- Spanish Minor for the Professions (p. 596)
- Translation and Interpreting Minor (p. 597)

Graduate Programs

- M.A. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

Courses

- Catalan (CATA) (<https://catalog.unc.edu/courses/cata/>)
- French (FREN) (<https://catalog.unc.edu/courses/fren/>)
- Italian (ITAL) (<https://catalog.unc.edu/courses/ital/>)
- Portuguese (PORT) (<https://catalog.unc.edu/courses/port/>)
- Romance Languages (ROML) (<https://catalog.unc.edu/courses/roml/>)
- Spanish (SPAN) (<https://catalog.unc.edu/courses/span/>)

Professors

Lucia Binotti, Verónica Garibotto, Bruno Estigarribia, Oswaldo Estrada, Juan Carlos González-Espitia, Serenella Iovino, Hassan Melehy, Ellen Welch.

Associate Professors

Rafael Acosta Morales, Maggie Fritz-Morkin, Irene Gómez-Castellano, Lamar Graham, Carmen Hsu, Jessica Tanner.

Assistant Professors

Danila Cannamela, Adam Cohn, Sean Matharoo, Erika Serrato.

Teaching Professors

Elizabeth Bruno, Cristina Carrasco, Amy Chambless, Hélène M. de Fays, Dorothea Heitsch, Hosun Kim, Anastacia Kohl, Malgorzata Lee, Josefa Lindquist, Abel Muñoz-Hermoso, Valérie Pruvost, Martha Ruiz-García, Richard Vernon.

Teaching Associate Professors

Martha Alexander, S. Paola Cadena-Pardo, Laura Demsey, Michelle Gravatt, Pedro Huesa, Heather Knorr, Alicia Shade, Kristine Taylor.

Teaching Assistant Professors

Lorna Avilés, Chloe Hill, Nilzimar Hauskrecht, Kyung Huer, Sharrah Lane, Beatriz Lomas-Lozano, Pedro Lopes de Almeida, Giovanni Lopez Lopez, Raquel Maqueda Jimenez, Paulo Rodrigues Ferreira, Benjamin Romero Salado, Cecile Paule Ruel, Loida Slate, Elizabeth Tolman, Melissa Venegas.

Professors Emeriti

Grace Aaron, Robert Anderson, Martine Antle, Cesáreo Bandera, Dino Cervigni, Angel L. Cilveti, Glynis Cowell, Frank A. Domínguez, Dominique D. Fisher, Yves de la Quèrière, I.R. Stirling Haig, Antonio Illiano, Hannelore Jarausch, Larry King, Federico Luisetti, Julia Mack, William C. Maisch, James S. Noblitt, Rosa Perelmuter, Ennio Rao, Monica P. Rector, Alicia Rivero, Maria A. Salgado, Carol L. Sherman.

Contact Information

Department of Romance Studies

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Romance Languages Major, B.A. – French and Francophone Studies

The French and Francophone Studies concentration offers students a complete language program which includes elementary, intermediate, and advanced language, conversation, composition, phonetics, and global varieties of French. The primary focus of instruction is on communication, with the goal of developing the greatest possible capability in comprehending and producing the target language, whether spoken, written, or as pertaining to intercultural competency. A full complement of upper-level courses in literature, film, linguistics, professional French, and cultural studies is offered each year. Our skills-based courses emphasize the use of language in realistic settings, and our content-based courses complement the language-learning experience with practice in an authentic context or by learning academic subject content. In addition, the program offers a number of courses taught in English with General Education or Major/Minor credit.

French and Francophone Studies provides students with a comprehensive education in the linguistic, literary, cinematic, philosophical, and cultural traditions of France and the francophone world, including indigenous, Afro-descendant, Asian, and other cultures. Students obtain well-grounded critical knowledge of the literatures, languages, and cultures across the French-speaking world, often through collaborative research with faculty, with the goal of promoting greater self-awareness and encouraging responsible participation in the global 21st century. Qualifying French majors can pursue an Honors Thesis with one of our faculty members. Beyond the classroom, the French program offers students exciting opportunities in internships; directed and independent research experiences; a graduate conference in Romance Studies; film series, guest speaker events, an active French Club, and the UNC Chapter of the National French Honor Society (Pi Delta Phi). Students can also participate in a wide choice of study abroad programs (summer, semester, and full year), including the UNC in Montpellier Programs.

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. Through coursework that emphasizes language acquisition, rhetoric, composition, oral and written expression, historical depth, cultural variety, and interdisciplinary and professional connections, our majors receive sustained personalized training in their fields of choice.

Upon completion of the program in Romance languages, students should be able to:

- Demonstrate proficiency in listening, speaking, reading, and writing in the target language in a variety of personal, professional, and academic settings.

- Demonstrate knowledge of major concepts, methods, and reasonings employed in the language major of their choice.
- Demonstrate knowledge of empirical facts (both through historical breadth and more specialized exploration) about the target cultures.

Upon completion of the program in Romance languages, students will have gained:



- Advanced communication abilities in one of the Romance languages
- Interpersonal and intercultural awareness and competencies (adaptability, resilience, team working and connecting expertise across differences)
- Problem-solving skills
- Critical and analytical thinking skills
- Active learning skills fostering creativity, originality, and innovation
- Ability to gain access to top graduate programs or to apply acquired knowledge and skills 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. 711).

Code	Title	Hours
Core Requirements		
One of the following courses: ¹		3
FREN 255	 Conversation I ^H	
FREN 260	 Literature and the French-Speaking World ^H	
FREN 262	 Cultural and Linguistic Variety in the French-Speaking World	
FREN 300	French Composition and Grammar Review	3
Seven additional courses above 204, which must include: ²		21
At least one course focused on French and Francophone contexts up to 1789 (see course list below) ³		
At least one course focused on French and Francophone contexts since 1789 (see course list below) ³		
At least four courses taught in French (see course lists below)		
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.

¹ 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.


² 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.

³ 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 ⁴	3
FREN 285	Sex, Philosophy, and Politics: Revolutionary Literature in Translation ⁴	3
FREN 288	 Francophone Caribbean Literature in Translation ⁴	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 342	 The Art and Power of Conversation: The Enlightenment Salon ²	3
FREN 350	 Current Societal Issues: France and Beyond ³	3
FREN 351	 Bandes dessinées / Comics and Graphic Novels ³	3
FREN 353	Francophone Drama and Multimedia Productions ³	3
FREN 354	Francophone Poetry and Slam ³	3
FREN 355	Visual Francophone Studies	3
FREN 356	 Littérature et philosophie	3
FREN 357	 Les jeux - Games ³	3
FREN 365	Introduction to Translation	3
FREN 369	 Environment, Society, and Public Policy in Southern France ⁴	3
FREN 370	 French and Francophone Studies to 1789 ²	3
FREN 372	 French and Francophone Studies since 1789 ³	3
FREN 375	Francophone Literature and Film ³	3
FREN 376	Identity and Nationhood in Québécois Literature ³	3
FREN 377	The Evolution of Frenchness since WWII ³	3
FREN 378	French and European Transmigrations: Global Contexts	3

FREN 379	Special Topics in French and Francophone Studies ⁴	3
FREN 383	Franco-Asian Encounters	3
FREN 386	French New Wave Cinema ⁴	3
FREN 387	 Paris/Versailles: The Court and the City in the 17th Century ²	3
FREN 388	History of French Cinema I: 1895-1950 ⁴	3
FREN 389	History of French Cinema II: 1950 to the Present ⁴	3
FREN 390	Special Topics in French and Francophone Studies ¹	3
FREN 395	Research for Advanced French Students	1-3
FREN 403	Advanced Composition	3
FREN 421	Old French ²	3
FREN 436	 Currents in Caribbean Literature ³	3
FREN 437	Literary and Cultural Theory in France	3
FREN 452	Muslim Women in France and the United States ³	3
FREN 489	19th-Century Literature and Culture ³	3
FREN 490	Special Topics in French and Francophone Studies ¹	3
FREN 500	Research Methods in French and European Studies ³	3
FREN 504	Cultural Wars: French/United States Perspectives ³	3
FREN 505	African Francophone Cinema ³	3
FREN 513	20th- and 21st-Century French Literature and Culture ³	3
FREN 515	Social Networks: Technology and Community in Modern France ³	3
FREN 522	French Middle Ages ²	3
FREN 530	Postmodernisms ³	3
FREN 554	Writing the Mediterranean ²	3
FREN 555	Crossing Gazes: Multidirectional and Conflicting Memories of Algeria ³	3
FREN 561	French Renaissance Literature and Culture ²	3
FREN 562	Poetry of the French Renaissance ²	3
FREN 563	Studies in the Anglo-French Renaissance ⁴	3
FREN 564	History of the French Language ²	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 ³	3
FREN 576	Francophone Cultural Studies ³	3
FREN 583	18th-Century French Literature and Culture ²	3
FREN 585	Libertinism and Sexuality ²	3
FREN 586	Studies in French Cinema ⁴	3
FREN 590	Special Topics in French and Francophone Studies ¹	3
FREN 611	Contemporary Novelists from the French-Speaking World ³	3
FREN 617	Framing Identities: Franco-Arab Transvisual Transcultural Contexts ³	3
FREN 670	17th-Century French Literature and Culture ²	3
FREN 675	Literature and Enlightenment, 17th - 18th Centuries ²	3

FREN 687	Diaspora and Transculturalism in Québécois Literature ³	3
FREN 690	Special Topics in French and Francophone Studies ¹	3
FREN 691H	 Honors Thesis in French	3

¹ Special topics and independent study courses may fulfill historical distribution requirements, depending on topic, with approval of the undergraduate advisor in French.

² Taught in French *and* focused on French and Francophone contexts up to 1789.

³ Taught in French *and* focused on French and Francophone contexts since 1789.

⁴ Taught in English.

French (FREN) course descriptions (p.).








We offer a strong emphasis on European and francophone studies as well as the Languages across the Curriculum Program (LAC) (p. 632), 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.

First Year		Hours
First-Year Foundations Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)		3
IDST 111L	 Data Literacy Lab	1
Major Courses		
FREN 105	French for High Beginners	4
FREN 203	 Intermediate French I ^H	3
Hours		15
Sophomore Year		
FREN 204	 Intermediate French II in Context ^H	3
One of: ¹		3
FREN 255	 Conversation I ^{1, H}	
FREN 260	 Literature and the French-Speaking World ^{1, H}	

FREN 262	 Cultural and Linguistic Variety in the French-Speaking World ¹	
Hours		6
Junior Year		
FREN 300	French Composition and Grammar Review ²	3
FREN ---	French elective course #1 ^{3, 4}	3
FREN ---	French elective course #2 ^{3, 4}	3
FREN ---	French elective course #3 ^{3, 4}	3
Hours		12
Senior Year		
FREN ---	French elective course #4 ^{3, 4}	3
FREN ---	French elective course #5 ^{3, 4}	3
FREN ---	French elective course #6 ^{3, 4}	3
FREN ---	French elective course #7 ^{3, 4}	3
Hours		12
Total Hours		45

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ 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.


² 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.


³ Courses above FREN 204, excluding FREN 401, FREN 402, FREN 501, FREN 601, and FREN 692H.

⁴ 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
First-Year Foundations Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)		3
IDST 111L	 Data Literacy Lab	1
Major Courses		
FREN 203	 Intermediate French I ^H	3
FREN 204	 Intermediate French II in Context ^H	3
Hours		14
Sophomore Year		
One of: ¹		3
FREN 255	 Conversation I ^{1, H}	
FREN 260	 Literature and the French-Speaking World ^{1, H}	

FREN 262	 Cultural and Linguistic Variety in the French-Speaking World ¹	
FREN 300	French Composition and Grammar Review ²	3
Hours		6
Junior Year		
FREN ---	French elective course #1 ^{3, 4}	3
FREN ---	French elective course #2 ^{3, 4}	3
FREN ---	French elective course #3 ^{3, 4}	3
Hours		9
Senior Year		
FREN ---	French elective course #4 ^{3, 4}	3
FREN ---	French elective course #5 ^{3, 4}	3
FREN ---	French elective course #6 ^{3, 4}	3
FREN ---	French elective course #7 ^{3, 4}	3
Hours		12
Total Hours		41

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ 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.

² 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.

³ Courses above FREN 204, excluding FREN 401, FREN 402, FREN 501, FREN 601, and FREN 692H.

⁴ 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 & 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. 574)
- Romance Languages Major, B.A. – Italian (p. 579)
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- Romance Languages Major, B.A. – Hispanic Studies (p. 585)
- Romance Languages Major, B.A. – Hispanic Linguistics (p. 589)

Minors

- French Minor (p. 593)
- Italian Minor (p. 594)
- Portuguese Minor (p. 594)
- Hispanic Studies Minor (p. 595)
- Spanish Minor for the Professions (p. 596)
- Translation and Interpreting Minor (p. 597)

Graduate Programs

- M.A. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

Courses

- Catalan (CATA) (<https://catalog.unc.edu/courses/cata/>)
- French (FREN) (<https://catalog.unc.edu/courses/fren/>)
- Italian (ITAL) (<https://catalog.unc.edu/courses/ital/>)
- Portuguese (PORT) (<https://catalog.unc.edu/courses/port/>)
- Romance Languages (ROML) (<https://catalog.unc.edu/courses/roml/>)
- Spanish (SPAN) (<https://catalog.unc.edu/courses/span/>)

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
achamble@email.unc.edu

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, gender, philosophy, and theater. There is only one course required for the major, with the remaining considered electives. Students may count courses taught in both Italian and English as electives. Many students study abroad and may count courses taken in Italy as electives as well.

The Italian concentration is a popular choice for those interested in global studies or careers in journalism, diplomacy, international business or education, the food and wine industries, or for those seeking a well-rounded education in preparation for medical, law, or any other professional 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. Through coursework that emphasizes language acquisition, rhetoric, composition, oral and written expression, historical depth, cultural variety, and interdisciplinary and professional connections, our majors receive sustained personalized training in their fields of choice.

Upon completion of the program in Romance languages, students should be able to:

- Demonstrate proficiency in listening, speaking, reading, and writing in the target language in a variety of personal, professional, and academic settings.
- Demonstrate knowledge of major concepts, methods, and reasonings employed in the language major of their choice.
- Demonstrate knowledge of empirical facts (both through historical breadth and more specialized exploration) about the target cultures.

Upon completion of the program in Romance languages, students will have gained:

- Advanced communication abilities in one of the Romance languages
- Interpersonal and intercultural awareness and competencies (adaptability, resilience, team working and connecting expertise across differences)
- Problem-solving skills
- Critical and analytical thinking skills

- Active learning skills fostering creativity, originality, and innovation
- Ability to gain access to top graduate programs or to apply acquired knowledge and skills 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. 711).

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
Core Requirements		
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. ¹		21
Total Hours		24





¹ 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
First-Year Foundation Courses	
IDST 101 	College Thriving 1
ENGL 105 	English Composition and Rhetoric 3
First-Year Seminar or First-Year Launch (p. 640)	
	3

IDST 111L	 Data Literacy Lab	1
Major Courses		
ITAL 101	Elementary Italian I	3
ITAL 102	Elementary Italian II	3
Hours		14
Sophomore Year		
ITAL 203	 Intermediate Italian I	3
ITAL 204	 Intermediate Italian II	3
Hours		6
Junior Year		
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
Hours		12
Senior Year		
ITAL ---	Italian elective course #4	3
ITAL ---	Italian elective course #5	3
ITAL ---	Italian elective course #6	3
ITAL ---	Italian elective course #7	3
Hours		12
Total Hours		44

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:

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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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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

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Graduate Programs

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- Ph.D. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

Courses

- Catalan (CATA) (<https://catalog.unc.edu/courses/cata/>)
- French (FREN) (<https://catalog.unc.edu/courses/fren/>)
- Italian (ITAL) (<https://catalog.unc.edu/courses/ital/>)
- Portuguese (PORT) (<https://catalog.unc.edu/courses/port/>)
- Romance Languages (ROML) (<https://catalog.unc.edu/courses/roml/>)
- Spanish (SPAN) (<https://catalog.unc.edu/courses/span/>)

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

Amy Chambless
achamble@email.unc.edu

Chair

Bruno Estigarribia
estigarr@email.unc.edu

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 265 million speakers. It is the language of Portugal, Brazil, and parts of Africa and Asia. Brazil, with a population of more than 200 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, Portugal, and Lusophone Africa. Emphasis is placed on the language as it is currently spoken and its historical development. Students study the literatures of the Lusophone world 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 will open multiple job opportunities in various countries with expanding economies and a promising future. It will also provide a vehicle to the vibrant cultural traditions of Portugal, Brazil, and the Lusophone nations of Africa and Asia, including literature, film, 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. Through coursework that emphasizes language acquisition, rhetoric, composition, oral and written expression, historical depth, cultural variety, and interdisciplinary and professional connections, our majors receive sustained personalized training in their fields of choice.

Upon completion of the program in Romance languages, students should be able to:

- Demonstrate proficiency in listening, speaking, reading, and writing in the target language in a variety of personal, professional, and academic settings.
- Demonstrate knowledge of major concepts, methods, and reasonings employed in the language major of their choice.
- Demonstrate knowledge of empirical facts (both through historical breadth and more specialized exploration) about the target cultures.

Upon completion of the program in Romance languages, students will have gained:

- Advanced communication abilities in one of the Romance languages
- Interpersonal and intercultural awareness and competencies (adaptability, resilience, team working and connecting expertise across differences)
- Problem-solving skills
- Critical and analytical thinking skills
- Active learning skills fostering creativity, originality, and innovation
- Ability to gain access to top graduate programs or to apply acquired knowledge and skills 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. 711).

Code	Title	Hours
Core Requirements		
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: Capoeira, Resilience and Resistance through Movement, Music and Dance ¹	
PORT 323	 Advanced Communication in Portuguese: History, Nature, and Society	
PORT 370	 Modern Brazil through Literature and Film in Translation ¹	
PORT 375	 Portuguese and Brazilian Fiction in Translation ¹	
PORT 382	 Women Writers: Brazil and Beyond ¹	
PORT 385	 Verbal Art, Identities, and Nation in Portuguese-Speaking Africa ¹	
PORT 387	 Brazilian Religious Movements through Film and Literature ¹	
PORT 388	 Portuguese, Brazilian, and African Identity in Film ¹	
PORT 396	Independent Study in Portuguese	
PORT 398	Undergraduate Seminar in Portuguese	
PORT 408	LAC Recitation ²	
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	
Total Hours		24





¹ Taught in English, available for credit for major/minor in Portuguese only if readings and written work are done in Portuguese.
² 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
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)		3
IDST 111L	 Data Literacy Lab	1
Major Courses		
PORT 101	Elementary Portuguese I	3
PORT 102	Elementary Portuguese II	3
Hours		14
Sophomore Year		
PORT 203	 Intermediate Portuguese I	3
PORT 204	Intermediate Portuguese II	3
Hours		6
Junior Year		
PORT ---	Portuguese major course #1 ¹	3
PORT ---	Portuguese major course #2 ¹	3
PORT ---	Portuguese major course #3 ¹	3
PORT ---	Portuguese major course #4 ¹	3
Hours		12
Senior Year		
PORT ---	Portuguese major course #5 ¹	3
PORT ---	Portuguese major course #6 ¹	3
PORT ---	Portuguese major course #7 ¹	3
PORT ---	Portuguese major course #8 ¹	3
Hours		12
Total Hours		44

¹ Selected from PORT 310 and above (see requirements for specific course list).

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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PORT 691H & PORT 692H	 Honors Thesis and  Honors Thesis in Portuguese	6
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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*.

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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.

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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. 574)
- Romance Languages Major, B.A. –Italian (p. 579)
- Romance Languages Major, B.A. –Portuguese (p. 582)
- Romance Languages Major, B.A. –Hispanic Studies (p. 585)
- Romance Languages Major, B.A. –Hispanic Linguistics (p. 589)

Minors

- French Minor (p. 593)
- Italian Minor (p. 594)
- Portuguese Minor (p. 594)
- Hispanic Studies Minor (p. 595)
- Spanish Minor for the Professions (p. 596)
- Translation and Interpreting Minor (p. 597)

Graduate Programs

- M.A. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

Courses

- Catalan (CATA) (<https://catalog.unc.edu/courses/cata/>)
- French (FREN) (<https://catalog.unc.edu/courses/fren/>)
- Italian (ITAL) (<https://catalog.unc.edu/courses/ital/>)
- Portuguese (PORT) (<https://catalog.unc.edu/courses/port/>)
- Romance Languages (ROML) (<https://catalog.unc.edu/courses/roml/>)
- Spanish (SPAN) (<https://catalog.unc.edu/courses/span/>)

Contact Information

Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)
238 Dey Hall, CB# 3170
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Director of Undergraduate Studies

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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, Spanish for the professions, Hispanic linguistics, and translation and interpreting) 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. Through coursework that emphasizes language acquisition, rhetoric, composition, oral and written expression, historical depth, cultural variety, and

interdisciplinary and professional connections, our majors receive sustained personalized training in their fields of choice.

Upon completion of the program in Romance languages, students should be able to:

- Demonstrate proficiency in listening, speaking, reading, and writing in the target language in a variety of personal, professional, and academic settings.
- Demonstrate knowledge of major concepts, methods, and reasonings employed in the language major of their choice.
- Demonstrate knowledge of empirical facts (both through historical breadth and more specialized exploration) about the target cultures.

Upon completion of the program in Romance languages, students will have gained:



- Advanced communication abilities in one of the Romance languages
- Interpersonal and intercultural awareness and competencies (adaptability, resilience, team working and connecting expertise across differences)
- Problem-solving skills
- Critical and analytical thinking skills
- Active learning skills fostering creativity, originality, and innovation
- Ability to gain access to top graduate programs or to apply acquired knowledge and skills 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. 711).

Code	Title	Hours
Core Requirements		
SPAN 300	Grammar and Structure of Spanish ^{1, H}	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):

Hispanic Literatures and Cultures
Spanish for the Professions
Translation and Interpreting
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
Total Hours	24





H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ 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	 Topics in the Cultural History of Iberia	
SPAN 344	 Latin American Cultural Topics	
SPAN 371	Studies in Spanish Literature	3
SPAN 373	 Studies in Latin American Literature	3
Total Hours		9




Spanish for the 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
Total Hours		9

Translation and Interpreting

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	
Total Hours		9

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	
Total Hours		9





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
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)		3
IDST 111L	 Data Literacy Lab	1
Major Courses		
SPAN 105	Spanish for High Beginners	4
SPAN 203	 Intermediate Spanish I ^H	3
Hours		15
Sophomore Year		
SPAN 204	 Intermediate Spanish II ^H	3

SPAN 261	 Advanced Spanish in Context ^H	3
or SPAN 267	or  Advanced Spanish in Context for Heritage Learners	
Hours		6
Junior Year		
SPAN 300	Grammar and Structure of Spanish ^H	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
Hours		12
Senior Year		
SPAN ---	Concentration course #3	3
SPAN ---	Elective course #2	3
SPAN ---	Elective course #3	3
SPAN ---	Elective course #4	3
Hours		12
Total Hours		45

^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
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)		3
IDST 111L	 Data Literacy Lab	1
Major Courses		
SPAN 203	 Intermediate Spanish I ^H	3
SPAN 204	 Intermediate Spanish II ^H	3
Hours		14
Sophomore Year		
SPAN 261	 Advanced Spanish in Context ^H	3
or SPAN 267	or  Advanced Spanish in Context for Heritage Learners	
SPAN 300	Grammar and Structure of Spanish ^H	3
or SPAN 301	or  Introduction to Literary and Cultural Analysis	
or SPAN 302	or  Literary and Cultural Analysis for Heritage Learners	
Hours		6
Junior Year		
SPAN ---	Concentration course #1	3

SPAN ---	Concentration course #2	3
SPAN ---	Elective course #1	3
SPAN ---	Elective course #2	3
Hours		12
Senior Year		
SPAN ---	Concentration course #3	3
SPAN ---	Elective course #3	3
SPAN ---	Elective course #4	3
Hours		9
Total Hours		41

^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 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

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Majors

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- Romance Languages Major, B.A.—Italian (p. 579)
- Romance Languages Major, B.A.—Portuguese (p. 582)

- Romance Languages Major, B.A.–Hispanic Studies (p. 585)
- Romance Languages Major, B.A.–Hispanic Linguistics (p. 589)

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- French Minor (p. 593)
- Italian Minor (p. 594)
- Portuguese Minor (p. 594)
- Hispanic Studies Minor (p. 595)
- Spanish Minor for the Professions (p. 596)
- Translation and Interpreting Minor (p. 597)

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- Italian (ITAL) (<https://catalog.unc.edu/courses/ital/>)
- Portuguese (PORT) (<https://catalog.unc.edu/courses/port/>)
- Romance Languages (ROML) (<https://catalog.unc.edu/courses/roml/>)
- Spanish (SPAN) (<https://catalog.unc.edu/courses/span/>)

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

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Chair

Bruno Estigarribia
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Director of Undergraduate Studies

Amy Chambliss
achamble@email.unc.edu

Romance Languages Major, B.A.–Hispanic Linguistics

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Upon completion of the program in Romance languages, students will have gained:




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- Critical and analytical thinking skills
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- Ability to gain access to top graduate programs or to apply acquired knowledge and skills 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. 711).

Code	Title	Hours
Core Requirements		
SPAN 300	Grammar and Structure of Spanish ^H	3
Two introductory Hispanic linguistics courses:		6
SPAN/LING 360	 Introduction to Hispanic Linguistics ¹	
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	Beginning Accelerated Romanian	
Four additional courses chosen from the following: ²		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	 Intermediate Accelerated Romanian	
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	
Total Hours		24

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ SPAN 360 should be taken as early as possible because it is a prerequisite for most other courses in the major.

² 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. 597).











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
First-Year Foundation Courses		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)		3
IDST 111L	 Data Literacy Lab	1
Major Courses		
SPAN 105	Spanish for High Beginners	4
SPAN 203	 Intermediate Spanish I ^H	3
Hours		15
Sophomore Year		
SPAN 204	 Intermediate Spanish II ^H	3
SPAN 261 or SPAN 267	 Advanced Spanish in Context ^H or  Advanced Spanish in Context for Heritage Learners	3
Hours		6
Junior Year		
SPAN 300	Grammar and Structure of Spanish ^H	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
Hours		12
Senior Year		
Four advanced linguistics courses (see requirements)		12
Hours		12
Total Hours		45

- 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
First-Year Foundation Courses		
IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)		3
IDST 111L	Data Literacy Lab	1
Major Courses		
SPAN 203	Intermediate Spanish I ^H	3
SPAN 204	Intermediate Spanish II ^H	3
Hours		14
Sophomore Year		
SPAN 261	Advanced Spanish in Context ^H	3
or SPAN 267	or Advanced Spanish in Context for Heritage Learners	
SPAN 300	Grammar and Structure of Spanish ^H	3
Hours		6
Junior Year		
SPAN 360	Introduction to Hispanic Linguistics	3
or LING 360	or Introduction to Hispanic Linguistics	
SPAN 376	Spanish Phonetics and Phonology	3
SPAN 414	Languages of Spain I	3
or SPAN 416	or Languages of the Americas I	
or PORT 401	or Beginning Accelerated Brazilian Portuguese I	
or ROML 461	or Beginning Accelerated Romanian	
Hours		9
Senior Year		
Four advanced linguistics courses (see requirements)		12
Hours		12
Total Hours		41

- 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 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. 574)
- Romance Languages Major, B.A.—Italian (p. 579)
- Romance Languages Major, B.A.—Portuguese (p. 582)
- Romance Languages Major, B.A.—Hispanic Studies (p. 585)
- Romance Languages Major, B.A.—Hispanic Linguistics (p. 589)

Minors

- French Minor (p. 593)
- Italian Minor (p. 594)
- Portuguese Minor (p. 594)
- Hispanic Studies Minor (p. 595)
- Spanish Minor for the Professions (p. 596)
- Translation and Interpreting Minor (p. 597)

Graduate Programs

- M.A. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

Courses

- Catalan (CATA) (<https://catalog.unc.edu/courses/cata/>)
- French (FREN) (<https://catalog.unc.edu/courses/fren/>)
- Italian (ITAL) (<https://catalog.unc.edu/courses/ital/>)
- Portuguese (PORT) (<https://catalog.unc.edu/courses/port/>)
- Romance Languages (ROML) (<https://catalog.unc.edu/courses/roml/>)

- Spanish (SPAN) (<https://catalog.unc.edu/courses/span/>)

Contact Information

Department of Romance Studies

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Chair

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Director of Undergraduate Studies

Amy Chambless
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French Minor

The minor in French is designed for students unable to undertake a full nine-course French major. The minor consists of one required course and four electives chosen from across the wide range of courses open to all students in French. Many use it to support their majors in related fields such as global studies, business, history, art history, and anthropology, or to round out their major in the STEM fields. The French minor option is also available to students in some professional schools. Courses for the French minor can be imported through Study Abroad.

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. 711).

Code	Title	Hours
Core Requirements		
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. ¹		12
Total Hours		15

¹ Students may not take more than two courses from FREN 255, FREN 260, and FREN 262.

French (FREN) course descriptions (p.).

See the program page here (p. 577) for special opportunities.

Department Programs

Majors

- Romance Languages Major, B.A.–French and Francophone Studies (p. 574)
- Romance Languages Major, B.A.–Italian (p. 579)
- Romance Languages Major, B.A.–Portuguese (p. 582)
- Romance Languages Major, B.A.–Hispanic Studies (p. 585)
- Romance Languages Major, B.A.–Hispanic Linguistics (p. 589)

Minors

- French Minor (p. 593)
- Italian Minor (p. 594)
- Portuguese Minor (p. 594)
- Hispanic Studies Minor (p. 595)
- Spanish Minor for the Professions (p. 596)
- Translation and Interpreting Minor (p. 597)

Graduate Programs

- M.A. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

Courses

- Catalan (CATA) (<https://catalog.unc.edu/courses/cata/>)
- French (FREN) (<https://catalog.unc.edu/courses/fren/>)
- Italian (ITAL) (<https://catalog.unc.edu/courses/ital/>)
- Portuguese (PORT) (<https://catalog.unc.edu/courses/port/>)
- Romance Languages (ROML) (<https://catalog.unc.edu/courses/roml/>)
- Spanish (SPAN) (<https://catalog.unc.edu/courses/span/>)

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Chair

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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. The minor requires five courses (three fewer than the major), of which four are electives. One of those four can be taken in a related field, and up to two of those four can be taken abroad.

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. 711).

Code	Title	Hours
Core Requirements		
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. ¹		12
Total Hours		15

¹ 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.).

See the program page here (p. 580) for special opportunities.

Department Programs

Majors

- Romance Languages Major, B.A.–French and Francophone Studies (p. 574)
- Romance Languages Major, B.A.–Italian (p. 579)
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Minors

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Graduate Programs

- M.A. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

Courses

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- French (FREN) (<https://catalog.unc.edu/courses/fren/>)
- Italian (ITAL) (<https://catalog.unc.edu/courses/ital/>)
- Portuguese (PORT) (<https://catalog.unc.edu/courses/port/>)
- Romance Languages (ROML) (<https://catalog.unc.edu/courses/roml/>)
- Spanish (SPAN) (<https://catalog.unc.edu/courses/span/>)

Contact Information

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Undergraduate Advisor and Director of Italian Language Instruction
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Chair
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Director of Undergraduate Studies
Amy Chambless
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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. 711).

Code	Title	Hours
Core Requirements		
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
Total Hours		15

The minor in Portuguese requires five courses beyond PORT 204, two of which may be taken abroad.

Portuguese (PORT) course descriptions (p.).

See the program page here (p. 582) for special opportunities.

Department Programs

Majors

- Romance Languages Major, B.A.–French and Francophone Studies (p. 574)
- Romance Languages Major, B.A.–Italian (p. 579)
- Romance Languages Major, B.A.–Portuguese (p. 582)
- Romance Languages Major, B.A.–Hispanic Studies (p. 585)
- Romance Languages Major, B.A.–Hispanic Linguistics (p. 589)

Minors

- French Minor (p. 593)
- Italian Minor (p. 594)
- Portuguese Minor (p. 594)
- Hispanic Studies Minor (p. 595)
- Spanish Minor for the Professions (p. 596)
- Translation and Interpreting Minor (p. 597)

Graduate Programs

- M.A. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

Courses

- Catalan (CATA) (<https://catalog.unc.edu/courses/cata/>)
- French (FREN) (<https://catalog.unc.edu/courses/fren/>)
- Italian (ITAL) (<https://catalog.unc.edu/courses/ital/>)
- Portuguese (PORT) (<https://catalog.unc.edu/courses/port/>)
- Romance Languages (ROML) (<https://catalog.unc.edu/courses/roml/>)
- Spanish (SPAN) (<https://catalog.unc.edu/courses/span/>)

Contact Information

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Hispanic Studies Minor



The minor in Hispanic studies is designed for students 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 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. 711).

Code	Title	Hours
Core Requirements		
SPAN 300	Grammar and Structure of Spanish ^H	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
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.

Completion of SPAN 261 or SPAN 267 is considered a prerequisite for the minor.

Spanish (SPAN) course descriptions (p.).

See the program page here (p. 587) for special opportunities.

Department Programs

Majors

- Romance Languages Major, B.A.–French and Francophone Studies (p. 574)
- Romance Languages Major, B.A.–Italian (p. 579)
- Romance Languages Major, B.A.–Portuguese (p. 582)
- Romance Languages Major, B.A.–Hispanic Studies (p. 585)
- Romance Languages Major, B.A.–Hispanic Linguistics (p. 589)

Minors

- French Minor (p. 593)
- Italian Minor (p. 594)
- Portuguese Minor (p. 594)
- Hispanic Studies Minor (p. 595)
- Spanish Minor for the Professions (p. 596)
- Translation and Interpreting Minor (p. 597)

Graduate Programs

- M.A. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

Courses

- Catalan (CATA) (<https://catalog.unc.edu/courses/cata/>)
- French (FREN) (<https://catalog.unc.edu/courses/fren/>)
- Italian (ITAL) (<https://catalog.unc.edu/courses/ital/>)
- Portuguese (PORT) (<https://catalog.unc.edu/courses/port/>)
- Romance Languages (ROML) (<https://catalog.unc.edu/courses/roml/>)
- Spanish (SPAN) (<https://catalog.unc.edu/courses/span/>)

Contact Information

Department of Romance Studies

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238 Dey Hall, CB# 3170
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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 Chambliss
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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 the option to engage in 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. 711).

Code	Title	Hours
Core Requirements		
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
Total Hours		15

Completion of SPAN 261 or SPAN 267 is considered a prerequisite for the minor.

See the program page here (p. 587) for special opportunities.

Department Programs

Majors

- Romance Languages Major, B.A.–French and Francophone Studies (p. 574)
- Romance Languages Major, B.A.–Italian (p. 579)
- Romance Languages Major, B.A.–Portuguese (p. 582)
- Romance Languages Major, B.A.–Hispanic Studies (p. 585)
- Romance Languages Major, B.A.–Hispanic Linguistics (p. 589)

Minors

- French Minor (p. 593)
- Italian Minor (p. 594)
- Portuguese Minor (p. 594)
- Hispanic Studies Minor (p. 595)

- Spanish Minor for the Professions (p. 596)
- Translation and Interpreting Minor (p. 597)

Graduate Programs

- M.A. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

Courses

- Catalan (CATA) (<https://catalog.unc.edu/courses/cata/>)
- French (FREN) (<https://catalog.unc.edu/courses/fren/>)
- Italian (ITAL) (<https://catalog.unc.edu/courses/ital/>)
- Portuguese (PORT) (<https://catalog.unc.edu/courses/port/>)
- Romance Languages (ROML) (<https://catalog.unc.edu/courses/roml/>)
- Spanish (SPAN) (<https://catalog.unc.edu/courses/span/>)

Contact Information

Department of Romance Studies

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Program Coordinator, Spanish Minor for the Professions

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Chair

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Director of Undergraduate Studies

Amy Chambliss
achamble@email.unc.edu

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. 711).

Code	Title	Hours
Core Requirements		
SPAN 300	Grammar and Structure of Spanish ^{1, 2, H}	3
SPAN 369	Introduction to Translation ¹	3
SPAN 351	Spanish Interpretation I ¹	3
SPAN 370	Spanish Translation II ¹	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 ¹	3
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.


¹ Students must earn a grade of C or better in all five (5) courses (15 credit hours) in the minor.

² 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 ^H	3
SPAN 204	Intermediate Spanish II ^H	3
Hours		6



Sophomore Year

SPAN 261 or SPAN 267	 Advanced Spanish in Context (major and minor) ^H or  Advanced Spanish in Context for Heritage Learners	3
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SPAN 300	Grammar and Structure of Spanish (major and minor) ^H	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

^H 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 ^H	3
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SPAN 204	Intermediate Spanish II ^H	3
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Hours 6

Sophomore Year

SPAN 261 or SPAN 267	 Advanced Spanish in Context (major and minor) ^H 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) ^H 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) ^H	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

^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

See the program page here (p. 587) for special opportunities.

Department Programs

Majors

- Romance Languages Major, B.A.–French and Francophone Studies (p. 574)
- Romance Languages Major, B.A.–Italian (p. 579)
- Romance Languages Major, B.A.–Portuguese (p. 582)
- Romance Languages Major, B.A.–Hispanic Studies (p. 585)
- Romance Languages Major, B.A.–Hispanic Linguistics (p. 589)

Minors

- French Minor (p. 593)
- Italian Minor (p. 594)
- Portuguese Minor (p. 594)
- Hispanic Studies Minor (p. 595)
- Spanish Minor for the Professions (p. 596)
- Translation and Interpreting Minor (p. 597)

Graduate Programs

- M.A. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<https://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

Courses

- Catalan (CATA) (<https://catalog.unc.edu/courses/cata/>)
- French (FREN) (<https://catalog.unc.edu/courses/fren/>)
- Italian (ITAL) (<https://catalog.unc.edu/courses/ital/>)
- Portuguese (PORT) (<https://catalog.unc.edu/courses/port/>)
- Romance Languages (ROML) (<https://catalog.unc.edu/courses/roml/>)
- Spanish (SPAN) (<https://catalog.unc.edu/courses/span/>)

Contact Information

Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)
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(919) 962-2062

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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. 600) 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. 604) 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. 606) 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. 607) 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. 600)
- Management and Society Major, B.A. (p. 604)

Minor

- Health and Society Minor (p. 606)
- Social and Economic Justice Minor (p. 607)

Graduate Programs

- M.A. in Sociology (<https://catalog.unc.edu/graduate/schools-departments/sociology/>)
- Ph.D. in Sociology (<https://catalog.unc.edu/graduate/schools-departments/sociology/>)

Courses

- Management and Society (MNGT) (<https://catalog.unc.edu/courses/mngt/>)
- Sociology (SOCI) (<https://catalog.unc.edu/courses/soci/>)

Professors

Kenneth A. Bollen, Neal Caren, David Cook-Martín, Barbara Entwisle, Elizabeth Frankenberg, Guang Guo, Karen Benjamin Guzzo, Robert Hummer, Arne Kalleberg, Charles Kurzman, Ted Mouw, Lisa Pearce, Yang Claire Yang.

Associate Professors

Regina Baker, Yong Cai, Scott Duxbury, Lauren Gaydosh, Taylor Hargrove, Tania Jenkins, Alexandra Ravenelle, Jessica Su.

Assistant Professors

Shannon Malone Gonzalez, Elizabeth Korver-Glenn, Rui Jie Peng, Kerilyn Schewel, Justin Sola, Lauren Valentino.

Teaching Associate Professor

Kathleen Fitzgerald.

Teaching Assistant Professor

Matthew Lammers.

Research Professors

Kathleen Mullan Harris, Paul Voss.

Affiliated Faculty

John D. Kasarda (Kenan–Flagler Business School).

Adjunct Professors

Thurston Domina (School of Education), Gail Henderson (Social Medicine), James H. Johnson Jr. (Kenan–Flagler Business School), Douglas L. Lauen (Public Policy), John D. Stephens (Political Science).

Adjunct Associate Professor

Tressie McMillan Cottom (School of Information and Library Science).

Adjunct Assistant Professors

Fenaba Addo (Public Policy), Malissa Alinor (Public Policy), Nathan Dollar (Carolina Demography), Carmen Gutierrez (Public Policy), Christian Lentz (History), Antonia Randolph (American Studies), Francesca Tripodi (School of Information and Library Science).

Professors Emeriti

Howard E. Aldrich, Kenneth (Andy) Andrews, Judith R. Blau, M. Richard Cramer, Glen H. Elder Jr., Jacqueline Hagan, Sherry Kleinman, S. Philip Morgan, Anthony R. Oberschall, John Shelton Reed, Ronald R. Rindfuss, Karolyn Tyson, Peter R. Uhlenberg, Catherine Zimmer.

Contact Information

Department of Sociology

Visit Program Website (<https://sociology.unc.edu/>)
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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. 711).

Code	Title	Hours
Core Requirements		
SOCI 101	 Sociological Perspectives (with a grade of C or better) ^{1, H, F}	3
SOCI 250	 Sociological Theory	3
SOCI 251	 Research Methods	3
SOCI 252	 Data Analysis (taken during the junior year, if possible) ^{2, 3, 4}	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 ^H	
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) ⁵		6
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.

^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.

- ¹ If possible, SOCI 101 should be taken by the end of the sophomore year.
- ² Students who are double majoring in psychology and sociology may replace SOCI 252 with PSYC 210 plus (+) an additional 400-level SOCI course.
- ³ Students who are double majoring in public policy and sociology may replace SOCI 252 with PLCY 460 plus (+) an additional 400-level SOCI course.
- ⁴ Students who are double majoring in economics and sociology may replace SOCI 252 with ECON 400 plus (+) an additional 400-level SOCI course.
- ⁵ First-year seminars in sociology can count toward the major but may be taken only by first-year students.

Sociology (SOCI) course descriptions (<https://catalog.unc.edu/courses/soci/>).






University graduation credit will be given for only one in each of the following sets of courses:

Code	Title	Hours
SOCI 130	 Family and Society	3
or SOCI 425	Family and Society, Junior/Senior Section	
SOCI 273	 Social and Economic Justice, Experiential Education	3
or SOCI 274	 Advocacy Strategies: Communication Across Movements	
SOCI 423	 Sociology of Education, Experiential Education	3
or SOCI 426	Sociology of Education	

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

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 Criminal Justice	3
SOCI 273	 Social and Economic Justice, Experiential Education	3
SOCI 274	 Advocacy Strategies: Communication Across Movements	3
SOCI 420	Political Sociology	3
SOCI 424	Law and Society	3




Public Policy

Code	Title	Hours
SOCI 251	 Research Methods	3
SOCI 252	 Data Analysis	3
SOCI 273	 Social and Economic Justice, Experiential Education	3
SOCI 274	 Advocacy Strategies: Communication Across Movements	3
SOCI 412	Social Stratification	3
SOCI 414	The City and Urbanization	3
SOCI 415	Economy and Society	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 273	 Social and Economic Justice, Experiential Education	3
SOCI 274	 Advocacy Strategies: Communication Across Movements	3
SOCI 411	Social Movements	3
SOCI 412	Social Stratification	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
First-Year Foundations	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)	3
IDST 111L  Data Literacy Lab	1
Global Language through level 3 (p. 649)	varies
Major Courses	
SOCI 101  Sociological Perspectives ^{H, F}	3
SOCI — Sociology elective	3
Hours	14
Sophomore Year	
SOCI — Sociology elective	3
SOCI 250  Sociological Theory	3
Hours	6
Junior Year	
SOCI 251  Research Methods (Fall semester)	3
SOCI 252  Data Analysis (Spring semester)	3
SOCI 4– Sociology 400-level elective	3
Hours	9
Senior Year	
SOCI 4– Sociology 400-level elective	3
SOCI 4– Sociology 400-level elective	3
Hours	6
Total Hours	35

^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 Two (Honors Track)

First Year		Hours
First-Year Foundations		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640)		3
IDST 111L	 Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
Major Courses		
SOCI 101	 Sociological Perspectives ^{H, F}	3
SOCI ---	Sociology elective	3
Hours		14
Sophomore Year		
SOCI ---	Sociology elective	3
SOCI 250	 Sociological Theory	3
Hours		6
Junior Year		
SOCI 251	 Research Methods (Fall semester)	3
SOCI 252	 Data Analysis (Spring semester)	3
SOCI 4--	Sociology 400-level elective	3
Hours		9
Senior Year		
SOCI 4--	Sociology 400-level elective	3
SOCI 691H	 Senior Honors Research and Seminar ¹	3
SOCI 692H	 Senior Honors Research and Seminar ¹	3
Hours		9
Total Hours		38

^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.

¹ 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/) 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. 600)
- Management and Society Major, B.A. (p. 604)

Minor

- Health and Society Minor (p. 606)
- Social and Economic Justice Minor (p. 607)

Graduate Programs

- M.A. in Sociology (<https://catalog.unc.edu/graduate/schools-departments/sociology/>)
- Ph.D. in Sociology (<https://catalog.unc.edu/graduate/schools-departments/sociology/>)

Courses

- Management and Society (MNGT) (<https://catalog.unc.edu/courses/mngt/>)
- Sociology (SOCI) (<https://catalog.unc.edu/courses/soci/>)

Contact Information

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Management and Society Major, B.A.

Management and society is an interdisciplinary major designed to provide students with a comprehensive understanding of the relationship between organizations and their social context. Drawing on multiple social science perspectives, this major is designed for students interested in social and organizational dynamics in the private, non-profit, and public sectors.

Students have combined management and society with majors in such academic disciplines as economics, sociology, psychology, public policy, history, and political science. The curriculum prepares students to either directly enter the workforce or as preparation for business-oriented graduate and professional degree programs.

Student Learning Outcomes

Upon completion of the management and society program, students should be able to:























- Understand economic and sociological theories and apply them to understand the dynamics of labor markets, public policy, and organizational behavior.
- Analyze the role of social, historical, and economic forces in shaping organizational processes.
- Demonstrate effective communication and leadership skills, essential for managing interpersonal and organizational dynamics in a global context.
- Effectively utilize quantitative and qualitative data analysis techniques to inform decision-making processes in organizational and policy 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. 711).

Code	Title	Hours
Core Requirements		
ECON 101	 Introduction to Economics ^{H, F}	4
SOCI 101	 Sociological Perspectives ^{H, F}	3
ECON/MNGT 310 or PLCY 310 or ECON 410	Microeconomics: Theory and Applications ¹ Microeconomic Foundations of Public Policy  Intermediate Microeconomics	3-4
SOCI 252 or SOCI 318 or PSYC 210 or ECON 400	 Data Analysis ¹ Computational Sociology  Statistical Principles of Psychological Research  Introduction to Data Science and Econometrics	3
Five courses on the social and economic foundations of work.		15
HIST/MNGT 364	 History of American Business	
HIST/MNGT 365	The Worker and American Life	
ECON/MNGT 330	Economic History of the United States	
ECON/MNGT 345 or ECON 445	 Public Policy Toward Business ¹  Industrial Organization	
ECON/MNGT 380 or ECON 480	The Economics of Labor Relations ¹ Labor Economics	
ECON 440	Analysis of Public Finance ¹	
ECON 450	Health Economics: Problems and Policy ¹	
MNGT/SOCI 131	 Social Relations in the Workplace	
MNGT/SOCI 410	 Formal Organizations and Bureaucracy	
MNGT/SOCI 412	Social Stratification	
MNGT/SOCI 415	Economy and Society	
MNGT/SOCI 427	 The Labor Force	
One course on leadership and communication		3
BUSI 405	 Leading and Managing: An Introduction to Organizational Behavior	
COMM/MNGT 120	 Introduction to Interpersonal and Organizational Communication ^{H, F}	
COMM/MNGT 325	 Introduction to Organizational Communication ^H	
COMM/MNGT 223	 Small Group Communication	
EDUC 309	 Foundations of Leadership ^F	
EDUC 505	 Leadership in Educational/Nonprofit Settings	
ENGL 304	 Advanced Business Communication	
HIST 340	 Ethics and Business in Africa ^H	
PHIL 164	 Morality and Business	
PHIL 364	 Ethics and Economics	

PLCY/PWAD 450	 Internal and Interpersonal Conflict Management
SOCI 112	Social Interaction
Total Hours	31-32

^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.

¹ Double majors in economics and management and society should take economics courses at the 400 level. A minimum of six core courses must count exclusively towards the management and society major and may not double count with another major or minor.

Some of the core courses are cross-listed.

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. 600)
- Management and Society Major, B.A. (p. 604)

Minor

- Health and Society Minor (p. 606)
- Social and Economic Justice Minor (p. 607)

Graduate Programs

- M.A. in Sociology (<https://catalog.unc.edu/graduate/schools-departments/sociology/>)
- Ph.D. in Sociology (<https://catalog.unc.edu/graduate/schools-departments/sociology/>)

Courses

- Management and Society (MNGT) (<https://catalog.unc.edu/courses/mngt/>)
- Sociology (SOCI) (<https://catalog.unc.edu/courses/soci/>)

Contact Information

Department of Sociology

Visit Program Website (<https://sociology.unc.edu/>)
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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. 711).

Code	Title	Hours
Core Requirements		
SOCI 101	 Sociological Perspectives ^H	3
Three courses chosen from the following list:		9
SOCI 121	 Population Problems	
SOCI 172	 Introduction to Population Health in the United States	
SOCI 180	 Introduction to Global Population Health	
SOCI 422	 Sociology of Mental Health and Illness	
SOCI 430	Sociology of Food and Food Justice	
SOCI 469	Health and Society	
One elective course chosen from the following list:		3
SOCI 122	 Race and Ethnicity	
SOCI 123	Crime and Criminal Justice	

SOCI 124	 Sex and Gender in Society
SOCI 125	Sociology of Sexualities
SOCI 126	Sociology of Adolescence
SOCI 129	Sociology of Religion
SOCI 130	 Family and Society
or SOCI 425	Family and Society, Junior/Senior Section
SOCI 274	Advocacy Strategies: Communication Across Movements
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 421	Environmental Sociology
SOCI 424	Law and Society
SOCI 429	 Religion and Society
SOCI 431	Aging
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. 600) majors and management and society (p. 604) 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. 600)
- Management and Society Major, B.A. (p. 604)

Minor

- Health and Society Minor (p. 606)
- Social and Economic Justice Minor (p. 607)

Graduate Programs

- M.A. in Sociology (<https://catalog.unc.edu/graduate/schools-departments/sociology/>)
- Ph.D. in Sociology (<https://catalog.unc.edu/graduate/schools-departments/sociology/>)

Courses

- Management and Society (MNGT) (<https://catalog.unc.edu/courses/mngt/>)
- Sociology (SOCI) (<https://catalog.unc.edu/courses/soci/>)

Contact Information

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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. 711).

Code	Title	Hours
Core Requirements		
One core course chosen from:		3
AMST/ENGL/ POLI 248/ WGST 249	 Intersectionality: Race, Gender, Sexuality, and Social Justice	
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 ^H	
SOCI 273	 Social and Economic Justice, Experiential Education	
Three additional courses that cover at least two different areas (listed below) ¹		9
Total Hours		12

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ 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	 Blackness 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 ^H	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 ^H	3
PHIL 170	 Liberty, Rights, and Responsibilities: Introduction to Social Ethics and Political Thought ^H	3
PHIL 274	 Race, Racism, and Social Justice: African-American Political Philosophy ^H	3
PHIL 280	 Morality, Law, and Justice: Issues in Legal Philosophy ^H	3
PHIL 480	Philosophy of Law	3
PHIL/WGST 275	 Moral and Philosophical Issues of Gender in Society ^H	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 ^H	3
POLI 411	American Constitutional Law II: Civil Liberties and Rights ^H	3
POLI 472	Problems of Modern Democratic Theory ^H	3
POLI/WGST 265	 Feminism and Political Theory	3
SOCI 122	 Race and Ethnicity	3
SOCI 414	The City and Urbanization	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

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ 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 ^H	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 ¹	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 ¹	3
GEOG 650	 Technology and Democracy Research	3
GLBL 487	 Social Movements: Rethinking Globalization ^H	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 274	Advocacy Strategies: Communication Across Movements	3
SOCI 393	 Independent Experiential Internship (3 credits required for the minor)	1-3
SOCI 411	Social Movements	3
SOWO 490	Preprofessional Special Topic	1-6
SOWO 492	 Seminar in Service Learning	1-6
WGST 281	 Gender and Global Change	3
WGST 340	 Leadership in Violence Prevention	3
WGST 350	 Spitting in the Wind: "American" Women, Art, and Activism	3
WGST 368	 Women of Color in Contemporary United States Social Movements	3
WGST 410	 Comparative Queer Politics	3









WGST 465	 Gender, (Im)migration, and Labor in Latina Literature	3
WGST 583	Gender and Imperialism	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.

¹ 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
AMST 294	American Studies Seminar on Aesthetic Perspective	3
AMST/HIST 110	 Introduction to the Cultures and Histories of Native North America	3
ANTH 120	 Anthropology through Expressive Cultures	3
ANTH/PWAD 280	 Anthropology of War and Peace	3
ANTH 540	Planetary Crises and Ecological and Cultural Transitions	3
ASIA/HIST/ PWAD 277	 The Conflict over Israel/Palestine	3
ASIA/RELI 486	 Islam and Feminism/Islamic Feminism	3
COMM 82	 First-Year Seminar: Food Politics from an Organizational Communication Perspective	3
COMM 140	 Introduction to Media History, Theory, and Criticism ^{H, F}	3
COMM/PWAD 355	Terrorism and Political Violence	3
COMM 576	Race and Rhetoric	3
COMM 624	 Hate Speech	3
ECON 480	Labor Economics ¹	3
ECON/EURO/ PWAD 460	 International Economics ¹	3
EDUC 615	Schools and Community Collaboration	3
ENGL 265	 Literature and Race, Literature and Ethnicity ^H	3
ENGL 269	 Introduction to Disability Studies	3
ENGL/WGST 363	 Feminist Literary Theory ^H	3
ENGL 386	 Gender, Sexuality, and the South Asian Diaspora	3
GEOG 123	 Cultural Geography	3
GEOG 130	 Development and Inequality: Global Perspectives ^F	3
GEOG 232	 Agriculture, Food, and Society	3
GEOG 435	 Global Environmental Justice	3
GEOG 452	Mobile Geographies: The Political Economy of Migration	3
GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources ^H	3
GEOG 460	 Geographies of Economic Change	3

GEOG 470	 Political Ecology: Geographical Perspectives	3
HIST/WGST 280	 Women and Gender in Latin American History	3
HIST 383	 Big-Time College Sports and the Rights of Athletes, 1874 to the Present	3
HIST 589	Race, Racism, and America: (United States) Law in Historical Perspective	3
MEJO 441	Diversity and Communication	3
MEJO/WGST 442	Gender, Class, Race, and Mass Media	3
PLCY/PWAD 110	 Global Policy Issues ^H	3
PLCY 340	 Justice in Public Policy ^H	3
PLCY 349	Immigration Policy in the 21st Century	3
PLCY/AAAD 354	The Lived Experience of Inequality and Public Policy	3
PLCY/WGST 365	 Sexuality, Gender, and Public Policy	3
POLI/WGST 217	 Women and Politics	3
SOCI 420	Political Sociology	3
SOCI 423	 Sociology of Education, Experiential Education	3
SOCI 426	Sociology of Education	3
SOCI 468	United States Poverty and Public Policy	3
SOCI/MNGT 412	Social Stratification	3
SOCI/WGST 124	 Sex and Gender in Society	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.

¹ 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. 600) for special opportunities.

Department Programs

Majors

- Sociology Major, B.A. (p. 600)
- Management and Society Major, B.A. (p. 604)

Minor

- Health and Society Minor (p. 606)
- Social and Economic Justice Minor (p. 607)

Graduate Programs

- M.A. in Sociology (<https://catalog.unc.edu/graduate/schools-departments/sociology/>)
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Courses

- Management and Society (MNGT) (<https://catalog.unc.edu/courses/mngt/>)
- Sociology (SOCI) (<https://catalog.unc.edu/courses/soci/>)

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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 (<https://stor.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

- Data Science Major, B.A. (p. 45)
- Statistics and Analytics Major, B.S. (p. 612)

Minor

- Data Science Minor (p. 615)
- Statistics and Analytics Minor (p. 614)

Graduate Programs

- M.S. in Statistics, Analytics, and Data Science (STANDS) (<https://catalog.unc.edu/graduate/schools-departments/statistics-operations-research/>)
- Ph.D. in Statistics and Operations Research (<https://catalog.unc.edu/graduate/schools-departments/statistics-operations-research/>)

Courses

- Statistics and Operations Research (STOR) (<https://catalog.unc.edu/courses/stor/>)

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, Kai Zhang, Serhan Ziya.

Associate Professors

Sayan Banerjee, Nicolas Fraiman, Chuanshu Ji, Quoc Tran-Dinh, Zhengwu Zhang.

Assistant Professors

Guanting Chen, Xiangying Huang, Daniel Kessler, Yao Li, Mo Liu, Patrick Lopatto, Ali Mohammad Nezhad, Michael O'Neill, Benjamin Seeger.

Teaching Associate Professors

Mario Giacomazzo, Jeffrey McLean.

Teaching Assistant Professors

Oluremi Abayomi, 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, Shaler Stidham Jr., Jon W. Tolle.

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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. 711).



Code	Title	Hours
Core Requirements		
MATH/STOR 235 or MATH 233	 Mathematics for Data Science  Calculus of Functions of Several Variables	4
STOR 315 or MATH 381 or COMP 283	 Discrete Mathematics for Data Science Discrete Mathematics  Discrete Structures	3-4
STOR 320 or STOR 520	 Methods and Models of Data Science Statistical Computing for Data Science	4
STOR 415	Introduction to Optimization ^{1, H}	3

STOR 435 or STOR 535	Introduction to Probability ^H Probability for Data Science	3
STOR 445	Stochastic Modeling	3
STOR 455	Methods of Data Analysis ^H	3
One STOR course at the 500 level		3
Additional Requirements		
COMP 116	Introduction to Scientific Programming (COMP 110 may be substituted)	3
MATH 231	 Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	 Calculus of Functions of One Variable II ^{H, F}	4
MATH 347	 Linear Algebra for Applications ^F	3
STOR 155 or STOR 120	 Introduction to Data Models and Inference ^{H, F}  Foundations of Statistics and Data Science	3-4
Three additional courses from either Group A or Group B (see lists below)		9
Total Hours		52-53

- ^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.
- ¹ 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 ¹	3
STOR 323	 Ethics of Machine Learning in Society	3
STOR 471	Long-Term Actuarial Models	3
STOR 472	Short Term Actuarial Models	3
STOR 475	Healthcare Risk Analytics	3
STOR 512	Optimization for Machine Learning and Neural Networks	3
STOR 536	Advanced Methods in Probability	3
STOR 538	Sports Analytics	3
STOR 543	Dynamic Decision Analytics	3
STOR 545	Stochastic Models and their Applications	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

¹ 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	Service and Platforms Operations Management ^H	3
BUSI 533	Supply Chain Management ^H	3
COMP 401	Foundation of Programming (Student can take COMP 301 or COMP 401) ^H	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 ^H	4
ECON 420	Intermediate Macroeconomics ^H	3
ECON 511	Advanced Game Theory in Economics ^H	3
INLS 523	Introduction to Database Concepts and Applications	3
MATH 383	First Course in Differential Equations ^H	3
MATH 521	Advanced Calculus I ^H	3
MATH 522	Advanced Calculus II ^H	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

^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.

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
First Year		
IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
First-Year Seminar or First-Year Launch (p. 640) ^F		3
IDST 111L	Data Literacy Lab	1
Global Language through level 3 (p. 649)		varies
COMP 116	Introduction to Scientific Programming (COMP 110 may be substituted)	3
MATH 231	Calculus of Functions of One Variable I ^{H, F}	4
MATH 232	Calculus of Functions of One Variable II ^{H, F}	4
Second Year		
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 ^{1, H, F}	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	
or COMP 283	Discrete Structures	
STOR 320	Methods and Models of Data Science	4
Third Year		
MATH 347	Linear Algebra for Applications ^F	3
STOR 415	Introduction to Optimization ^H	3
STOR 435	Introduction to Probability ^H	3
or STOR 535	Probability for Data Science	
STOR 455	Methods of Data Analysis ^H	3
Fourth Year		
STOR 445	Stochastic Modeling	3
One STOR 500-level course ²		3
Three additional courses from Group A or Group B ²		9
Total Hours		60-62

^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.

¹ 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.

² 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.

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 and high-impact experience Gen Ed 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

- Data Science Major, B.A. (p. 45)
- Statistics and Analytics Major, B.S. (p. 612)

Minor

- Data Science Minor (p. 615)
- Statistics and Analytics Minor (p. 614)

Graduate Programs

- M.S. in Statistics, Analytics, and Data Science (STANDS) (<https://catalog.unc.edu/graduate/schools-departments/statistics-operations-research/>)
- Ph.D. in Statistics and Operations Research (<https://catalog.unc.edu/graduate/schools-departments/statistics-operations-research/>)

Courses

- Statistics and Operations Research (STOR) (<https://catalog.unc.edu/courses/stor/>)

Contact Information

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

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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. 711).

Code	Title	Hours
Core Requirements		
STOR 155 or STOR 120	 Introduction to Data Models and Inference ^{H, F}  Foundations of Statistics and Data Science	3-4
STOR 305 or STOR 415	 Introduction to Decision Analytics ¹ Introduction to Optimization	3
Three courses from among: ²		9
STOR 215 or STOR 315 or MATH 381	 Foundations of Decision Sciences  Discrete Mathematics for Data Science Discrete Mathematics	
STOR 320 or STOR 520	 Methods and Models of Data Science Statistical Computing for Data Science	
STOR 323	 Ethics of Machine Learning in Society	
STOR 435 or STOR 535	Introduction to Probability ^H Probability for Data Science	
STOR 445	Stochastic Modeling	
STOR 455	Methods of Data Analysis ^H	
STOR 471	Long-Term Actuarial Models	
STOR 472	Short Term Actuarial Models	
STOR 475	Healthcare Risk Analytics	
STOR 512	Optimization for Machine Learning and Neural Networks	
STOR 536	Advanced Methods in Probability	
STOR 538	Sports Analytics	
STOR 543	Dynamic Decision Analytics	
STOR 555	Mathematical Statistics	
STOR 556	Time Series Data Analysis	
STOR 557	Advanced Methods of Data Analysis	
STOR 565	Machine Learning	
STOR 545	Stochastic Models and their Applications	
STOR 566	Introduction to Deep Learning	
STOR 572	Simulation for Analytics	

^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.

¹ 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.

² Some courses are 4-credits (see course description).

Department Programs

Major

- Data Science Major, B.A. (p. 45)
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Minor

- Data Science Minor (p. 615)
- Statistics and Analytics Minor (p. 614)

Graduate Programs

- M.S. in Statistics, Analytics, and Data Science (STANDS) (<https://catalog.unc.edu/graduate/schools-departments/statistics-operations-research/>)
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Courses

- Statistics and Operations Research (STOR) (<https://catalog.unc.edu/courses/stor/>)

Contact Information

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Data Science Minor Overview

The data science minor at Carolina is a 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. 711).






Code	Title	Hours
Core Requirements		
Data and Computational Thinking (one course)		3
COMP 110	 Introduction to Programming ^H	
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 ^{H, F}	
Data, Culture, and Society (one course)		3
CLAR 270	 Quantifying the Past: Big Data and Big Questions in Classical Archaeology	
COMM 348	 Algorithms and Society	
COMM 349	 Technology and Social Justice	
COMP 380	 Technology, Ethics, & Culture ^H	
DATA 120	 Ethics of AI and Societal Decision Making	
GEOG 115	Maps: Geographic Information from Babylon to Google	
ENGL 114	 The Rhetoric of Data	
GEOG 141	 Geography for Future Leaders	
PLAN 562	Seminar on The Ethics and Politics of New Urban Analytics	
POLI 209	 Analyzing Public Opinion ^H	





























Two additional elective courses from the list below ¹	6-8
Total Hours	15-18

- ^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.

¹ Core courses may not be used to satisfy elective requirements.

Elective List

Code	Title	Hours
ANTH 419	 Anthropological Application of GIS	3
ANTH/LING 520	 Linguistic Phonetics	3
ANTH 680	 Quantitative Methods in Archaeology	3
ASTR 502	 Modern Research in Astrophysics	3
ASTR 519	 Observational Astronomy	4
BCB/COMP 555	Bioalgorithms	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
BIOL 534/MATH 564	Mathematical Modeling in the Life Sciences	3
BIOL/MATH 553	Mathematical and Computational Models in Biology	3
BIOL 554	Introduction to Computational Neuroscience	3
BIOL/ENEC 562	Statistics for Environmental Scientists	4
BIOL/ENEC 563	Statistical Analysis in Ecology and Evolution	4
BMME/COMP 576	Mathematics for Image Computing	3
BUSI 410	Business Analytics	3
BUSI/COMP 488	Data Science in the Business World	3
CLAR 411	Method and Theory in Classical Archaeology	3
COMP 210	Data Structures and Analysis	3
COMP 388	The Internet: Studies and Stories	3
COMP 410	Data Structures	3
COMP 421	Files and Databases	3
COMP 426	Modern Web Programming	3
COMP 433	Mobile Computing Systems	3
COMP 486/INLS 512	Applications of Natural Language Processing	3
COMP 487/INLS 509	Information Retrieval	3
COMP/BUSI 488	Data Science in the Business World	3
COMP/BCB 555	Bioalgorithms	3
COMP 560	Artificial Intelligence	3
COMP 562	Introduction to Machine Learning ^H	3

COMP 572	Computational Photography	3	LING 525	Introduction to Historical and Comparative Linguistics	3
COMP 576	Mathematics for Image Computing	3	MATH 210	 Mathematical Tools for Data Science	3
ECON 470	 Econometrics ^H	3	MATH 553	Mathematical and Computational Models in Biology	3
ECON 545	 Advanced Industrial Organization	3	MATH 560	Optimization with Applications in Machine Learning	3
ECON 550	 Advanced Health Econometrics	3	MATH 564	Mathematical Modeling in the Life Sciences	3
ECON 565	 Research in Development Economics	3	MEJO 570	 Data Driven Journalism	3
ECON 571	 Advanced Econometrics	3	MEJO 571	Social Media Analytics	3.0
ECON 573	 Machine Learning and Econometrics	3	PHIL 353	Minds and Machines: Philosophy of Cognitive Science ^H	3
ECON 575	Applied Time Series Analysis and Forecasting	3	PHYS 331	Numerical Techniques for the Sciences I	4
ECON 580	 Advanced Labor Economics	3	PHYS 332	Numerical Techniques for the Sciences II	4
EMES 520	Data Analysis for Earth and Marine Sciences	3	PLAN 372	Introduction to Urban Data Analytics	3
EMES 561	Time Series and Spatial Data Analysis	3	PLAN/GEOG 491	Introduction to GIS	3
ENEC 305	Data Analysis and Visualization of Social and Environmental Interactions	4	PLCY 460	 Quantitative Analysis for Public Policy ^H	4
ENEC/GEOG 437	 Social Vulnerability to Climate Change	3	PLCY 505	 Data Science for Public Policy and Decision Making	4
ENEC/ENVR 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	3	PLCY 581	 Research Design for Public Policy ^H	3
ENEC/BIOL 562	Statistics for Environmental Scientists	4	POLI 381	Data in Politics II: Frontiers and Applications	3
ENEC/BIOL 563	Statistical Analysis in Ecology and Evolution	4	PSYC 532	Quantitative Psychology ^H	3
ENGL 480	Digital Humanities History and Methods	3	PSYC 533	The General Linear Model in Psychology ^H	3
ENGL 482	 Metadata, Mark-up, and Mapping: Understanding the Rhetoric of Digital Humanities	3	PSYC 559	Applied Machine Learning in Psychology	3
ENVR/ENEC 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	3	ROML 501	Introduction to Digital Humanities for Romance Languages, Cultures and Heritage Studies	3
EPID 600	Principles of Epidemiology for Public Health	3	STOR 320	 Methods and Models of Data Science	4
EXSS 327	 Predictive Analytics in Sport ^H	3	STOR 455	Methods of Data Analysis ^H	3
GEOG 370	 Introduction to Geographic Information	3	STOR 535	Probability for Data Science	3
GEOG 392	 Research Methods in Geography	3	STOR 538	Sports Analytics	3
GEOG 414	 Climate Change	3	STOR 556	Time Series Data Analysis	3
GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3	STOR 565	Machine Learning	3
GEOG/ENEC 437	 Social Vulnerability to Climate Change	3	STOR 572	Simulation for Analytics	3
GEOG 446	Geography of Health Care Delivery	3	STOR 557	Advanced Methods of Data Analysis	3
GEOG 456	 Geovisualizing Change	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.		
GEOG/PLAN 491	Introduction to GIS	3			
HIST 273	 Water, Conflict, and Connection in the Middle East	3	Department Programs		
INLS 509/ COMP 487	Information Retrieval	3	Major		
INLS 512/ COMP 486	Applications of Natural Language Processing	3	<ul style="list-style-type: none">• Data Science Major, B.A. (p. 45)• Statistics and Analytics Major, B.S. (p. 612)		
LING 202	 Linguistic Variation and Language Change	3	Minor		
LING 203	 Language Acquisition and Development	3	<ul style="list-style-type: none">• Data Science Minor (p. 615)• Statistics and Analytics Minor (p. 614)		
LING 333	 Human Language and Animal Communication Systems	3	Graduate Programs		
LING 401	 Introduction to Computational Linguistics	3	<ul style="list-style-type: none">• M.S. in Statistics, Analytics, and Data Science (STANDS) (https://catalog.unc.edu/graduate/schools-departments/statistics-operations-research/)		
LING 422	Research Methods in Phonetics and Laboratory Phonology	3			
LING/ANTH 520	 Linguistic Phonetics	3			

- Ph.D. in Statistics and Operations Research (<https://catalog.unc.edu/graduate/schools-departments/statistics-operations-research/>)

Courses

- Statistics and Operations Research (STOR) (<https://catalog.unc.edu/courses/stor/>)

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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. 619)

Minors

- Women's and Gender Studies Minor (p. 624)
- Sexuality Studies Minor (p. 622)

Courses

- Women's and Gender Studies (WGST) (<https://catalog.unc.edu/courses/wgst/>)

Professor

Ariana Vigil.

Associate Professors

Sarah Bloesch, Karen M. Booth, Candice Merritt, Tanya L. Shields.

Assistant Professor

Jillian Hinderliter.

Teaching Assistant Professors

Amalia Ashley.

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, Susan Harbage Page, Silvia Tomášková.

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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. 711).

Code	Title	Hours
Core Requirements		
Four intellectual and theoretical foundations courses:		
WGST 101	Introducing Intersectionality: Gender, Race, Class, and Sexuality ^H	3
WGST 202	Introduction to Feminist Thought	3
WGST 695	Senior Seminar: Principles of Feminist Inquiry ^H	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	Internship in Women's and Gender Studies ¹	

A fourth course chosen from one of the three interdisciplinary perspectives categories

WGST 692H  Honors in Women's Studies²

Total Hours **24**














^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

¹ 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/>)).

² 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
AAAD 388	 Black Feminist Thought & the Speculative Imagination	3
ANTH/WGST 277	Gender and Culture	3
ASIA/WGST 127	 Iranian Women Writers	3
ASIA/WGST 418	 Family and Gender in Early Modern China and Korea	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 ^H	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
MEJO/WGST 442	Gender, Class, Race, and Mass Media	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

^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—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 ^H	3
CLAS/WGST 241	Women in Ancient Rome ^H	3
CLAS/WGST 242	Sex and Gender in Antiquity	3
COMM/FOLK/ HIST/WGST 562	Oral History and Performance ^H	3
HIST/EURO/ WGST 259	Towards Emancipation? Women in Modern Europe	3
HIST/PWAD/354/ WGST 353	War and Gender in Movies ^H	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 United States History	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 253	A Social History of Jewish Women in America	3
WGST/HIST 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 360	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3
WGST 370	Race, Sexuality, and Disability in the History of Western Christianity ^H	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

^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—Humanities and Fine Arts

Code	Title	Hours
AAAD 388	Black Feminist Thought & the Speculative Imagination	3
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 ^H	3
COMM/WGST 345	Gender and Film	3
COMM/WGST 524	Gender, Communication, and Culture	3

COMM/WGST 561	Performance of Women of Color ^H	3
ENGL/WGST 140	Introduction to Gay and Lesbian Culture and Literature	3
ENGL/WGST 263	Literature and Gender ^H	3
ENGL/WGST 361	Asian American Women's Writing	3
ENGL/WGST 363	Feminist Literary Theory ^H	3
ENGL/WGST 374	Southern Women Writers	3
ENGL/WGST 446	American Women Authors ^H	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, Gender and Sexuality 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 ^H	3
PHIL/WGST 475	Philosophical Issues in Gender, Race, and Class	3
RELI/WGST 362	Mary in the Christian Tradition ^H	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 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

^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 ^H	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 ^H	3

WGST 270	 Introduction to Transgender Studies	3
WGST 340	 Leadership in Violence Prevention	3
WGST/PLCY 365	 Sexuality, Gender, and Public Policy	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/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 695	 Senior Seminar: Principles of Feminist Inquiry ^H	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. 619)

Minors

- Women's and Gender Studies Minor (p. 624)
- Sexuality Studies Minor (p. 622)

Courses

- Women's and Gender Studies (WGST) (<https://catalog.unc.edu/courses/wgst/>)

Contact Information

Department of Women's and Gender Studies

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

208 Smith Building, CB# 3135

(919) 962-3908

Chair

Ariana Vigil

avigil@email.unc.edu

Director of Undergraduate Studies

Karen Booth

kmbooth@email.unc.edu

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. 711).

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
Requirements		
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 361	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	
HIST 566	The History of Sexuality in America	
SOCI/WGST 124	 Sex and Gender in Society	
WGST 101	 Introduction to Women's and Gender Studies ^H	
WGST 111	 Introduction to Sexuality Studies ^H	
Additional courses (see list below) ¹		12
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.

¹ 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 ^{WGST 440}	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 167	 Gender, Sexuality, and Social Justice in South Asia	3
ASIA 233	 Drugs, Sex, and Sovereignty in East Asia, 1800-1945	3
ASIA/JWST/ PWAD 235	 Israeli Cinema: Gender, Nation, and Ethnicity ^H	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 ^H	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) ^H	3
HIST 535	Women and Gender in African History ^H	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 ^H	3
HIST/WGST 479	History of Female Sexualities	3
JWST/RELI 444/ WGST 448	Gender and Sexuality in Contemporary Judaism	3
POLI/WGST 265	 Feminism and Political Theory	3
RELI/WGST 244	 Gender and Sexuality in Western Christianity ^H	3
RELI 368/ WGST 370	 Race, Sexuality, and Disability in the History of Western Christianity ^H	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 and Gender Studies ^H	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 553	Theorizing Black Feminisms	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. 622) for special opportunities.

Department Programs

Major

- Women's and Gender Studies Major, B.A. (p. 619)

Minors

- Women's and Gender Studies Minor (p. 624)
- Sexuality Studies Minor (p. 622)

Courses

- Women's and Gender Studies (WGST) (<https://catalog.unc.edu/courses/wgst/>)

Contact Information

Department of Women's and Gender Studies

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Chair

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avigil@email.unc.edu

Director of Undergraduate Studies

Karen Booth

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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. 711).

The minor consists of 15 credits (five courses).


Code	Title	Hours
Core Requirements		
WGST 101	Introducing Intersectionality: Gender, Race, Class, and Sexuality ^H	3
Four courses chosen from at least two of the following three categories. ¹		12
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.

¹ 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 ^H	3
CLAS/WGST 241	Women in Ancient Rome ^H	3
CLAS/WGST 242	Sex and Gender in Antiquity	3
COMM/FOLK/HIST/WGST 562	Oral History and Performance ^H	3
HIST/EURO/WGST 259	Towards Emancipation? Women in Modern Europe	3
HIST/PWAD 354/WGST 353	War and Gender in Movies ^H	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 United States History	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 253	A Social History of Jewish Women in America	3
WGST 272	Masculinities	3
WGST/HIST 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 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 ^H	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

^H 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
AAAD 388	 Black Feminist Thought & the Speculative Imagination	3
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 ^H	3
COMM/WGST 345	 Gender and Film	3
COMM/WGST 524	 Gender, Communication, and Culture	3
COMM/WGST 561	 Performance of Women of Color ^H	3
ENGL/WGST 140	 Introduction to Gay and Lesbian Culture and Literature	3
ENGL/WGST 263	Literature and Gender ^H	3
ENGL/WGST 361	 Asian American Women's Writing	3
ENGL/WGST 363	 Feminist Literary Theory ^H	3
ENGL/WGST 374	 Southern Women Writers	3
ENGL/WGST 446	 American Women Authors ^H	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, Gender and Sexuality 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 ^H	3

PHIL/WGST 475	Philosophical Issues in Gender, Race, and Class	3
RELI/WGST 362	 Mary in the Christian Tradition ^H	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 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

^H 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 ^H	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 ^H	3
WGST 270	 Introduction to Transgender Studies	3
WGST 340	 Leadership in Violence Prevention	3
WGST/PLCY 365	 Sexuality, Gender, and Public Policy	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/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 695	 Senior Seminar: Principles of Feminist Inquiry ^H	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. 622) for special opportunities.

Department Programs

Major

- Women's and Gender Studies Major, B.A. (p. 619)

Minors

- Women's and Gender Studies Minor (p. 624)
- Sexuality Studies Minor (p. 622)

Courses

- Women's and Gender Studies (WGST) (<https://catalog.unc.edu/courses/wgst/>)

Contact Information

Department of Women's and Gender Studies

Visit Program Website (<http://womensstudies.unc.edu>)
208 Smith Building, CB# 3135
(919) 962-3908

Chair

Ariana Vigil
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Director of Undergraduate Studies

Karen Booth
kmbooth@email.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. 626)
- Study Abroad (p. 627)
- Undergraduate Research (p. 628)
- Honors Carolina (p. 628)
- Honors Beyond Chapel Hill (p. 629)
- Internships (p. 629)
- Distinguished Scholarships (p. 632)
- Languages across the Curriculum (p. 632)
- Student Life and Leadership (p. 633)
- North Carolina Fellows Program (p. 633)
- Summer Bridge (p. 633)

For additional programs and services, please see the Resources (p. 715) section of this catalog.

Global Guarantee

The Global Guarantee is Carolina's promise that a global education is available to every student. Through this commitment, Carolina helps ensure that Tar Heels develop the knowledge, skills, and mindset to succeed in a competitive workforce and to take on the world's greatest challenges.

By offering a variety of learning opportunities, Carolina makes it easy for students to select courses and programs that serve their individual academic, professional, and personal goals. Many are barrier free, meaning they are available to all students without a fee or special application process.

Students can choose from the following options as part of the Global Guarantee:

- Globally focused courses, minors, majors, and tracks in a range of disciplines
- Languages (<https://languages.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/>) events and Carolina Diplomacy Fellows (<https://global.unc.edu/our-work/diplomacy-initiative/carolina-diplomacy-fellows/>), a customizable program for Tar Heels to develop the skills and global problem solvers and participate in career and professional development opportunities
- Global programming and cultural exchange on campus

The Global Guarantee is a university-wide commitment, involving numerous academic departments, administrative units, and initiatives, and is coordinated by UNC Global Affairs.

Contact Information

UNC 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 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.

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. 702) 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.

After the program is completed abroad, an official grade report or transcript from the institution must be received by the Study Abroad Office before equivalent credit is applied to the student's UNC-Chapel Hill record. It is the responsibility of the student returning to campus to ensure the transcript from the institution abroad is received by the Study Abroad Office. If the transcript is not received by the end of the last day of classes of the next fall or spring semester following the study abroad term, the associated placeholder and credits will be assigned the grade of SI (see Study Abroad Grading (p. 628) below). As a result, the student

may experience negative consequences. Examples are the inability to calculate academic standing, inability to calculate satisfactory academic progress, or inability to apply for graduation. It is critical for the Study Abroad Office to receive the student's record from the abroad institution immediately following the completion of the abroad program. Students with outstanding study abroad credits will not be able to graduate until final permanent grades are posted for their study abroad courses (even if those courses/credits are not needed for graduation).

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.

For non-faculty led programs, the UNC–Chapel Hill official transcript will indicate the term abroad, the location (country) of the study abroad program, equivalent subject codes, equivalent course numbers, course titles for the abroad enrollment, equivalent credits earned, and specialized grading notations. The specialized grading notations are:

- **SA** – Study Abroad Pass
- **SF** – Study Abroad Fail
- **SI** – Study Abroad Incomplete
- **SN** – Study Abroad No Grade Reported/No Credit Awarded
- **SW** – Study Abroad Withdrawal

When an abroad course is determined equivalent to a specific course in the UNC–Chapel Hill catalog, then the comparable subject code and course number is reflected on the record. To the extent possible, equivalent subject codes are used for listing classes completed abroad. If a comparable subject code does not exist, a generic subject code is used. If a comparable course number does not exist, a placeholder is used for the number. The details of courses meeting degree, major, and/or minor requirements is recorded internally on the student record.

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, Director of 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
Kyle Winters, 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. The OUR supports a variety of programs that help students identify research opportunities, fund their research, and showcase their research achievements.

The OUR maintains a searchable database of research opportunities and provides professional and peer advising to aid students as they enter the research community. In addition, the OUR administers student funding for Summer Undergraduate Research Fellowships (SURFs) and offers travel awards for students to present their research at professional meetings. The OUR also offers various research-related workshops, helps students get recognized through the Carolina Research Scholar Program (CRSP), and hosts the Celebration of Undergraduate Research each spring, where more than 500 students present their results to the campus and community each year.

Contact Information

Office for Undergraduate Research
Visit Program Website (<http://our.unc.edu/>)
Steele Building 3rd Floor, CB #3504
(919) 843-7763

Director
Robert Pleasants
our@unc.edu

Honors Carolina

Honors Carolina is a four-year academic program geared toward the top 10 percent 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. 713), 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 \$7,000 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 \$6,500 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 \$7,000 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
College of Arts & Sciences		
African, African American, and Diaspora Studies	AAAD 293	https://aaad.unc.edu/
American Studies	AMST 493	
Anthropology	ANTH 393	
Applied Physical Sciences	APPL 493	https://aps.unc.edu/
Archaeology	ARCH 393	https://archaeology.sites.unc.edu/home/ca (https://archaeology.sites.unc.edu/home/ca/)
Art and Art History	ARTH 293, ARTS 493	https://art.unc.edu/
Biology	BIOL 293	https://bio.unc.edu/internships (https://bio.unc.edu/internships/)
Biomedical Engineering	BMME 293	https://bme.unc.edu/student-opportunities (https://bme.unc.edu/student-opportunities/)
Chemistry	CHEM 293	https://chem.unc.edu/ugrad-program (https://chem.unc.edu/ugrad-program/)
Civic Life and Leadership	SCLL 393	https://civiclif.unc.edu/
Communication	COMM 393	https://comm.unc.edu/undergraduate-studies/internships (https://comm.unc.edu/undergraduate-studies/internships/)
Computer Science	COMP 293	https://cs.unc.edu/academics/undergraduate/learning-contracts (https://cs.unc.edu/academics/undergraduate/learning-contracts/)
Dramatic Art	DRAM 393, DRAM 493	http://drama.unc.edu/programs-of-study/undergraduate-studies (http://drama.unc.edu/programs-of-study/undergraduate-studies/)
Economics	ECON 193, ECON 293, ECON 327, ECON 393	https://econ.unc.edu/internships-and-employment (https://econ.unc.edu/internships-and-employment/)
English & Comparative Literature	ENGL 293, ENGL 593	https://englishcomplit.unc.edu/careers/internships (https://englishcomplit.unc.edu/careers/internships/)
Environment, Ecology, and Energy	ENEC 393, ENEC 493, ENEC 593	https://e3p.unc.edu/academics/undergraduate-program/field-sites-capstones-and-internships (https://e3p.unc.edu/academics/undergraduate-program/field-sites-capstones-and-internships/)
Exercise and Sport Science	EXSS 293, 393, EXSS 493, EXSS 593	https://exss.unc.edu/undergraduate-program (https://exss.unc.edu/undergraduate-program/)
Geography and Environment	GEOG 493	https://geography.unc.edu/undergraduates/honors (https://geography.unc.edu/undergraduates/honors/)
Germanic & Slavic Languages & Literatures	GERM 493	https://gsll.unc.edu/courses/internships (https://gsll.unc.edu/courses/internships/)
Global Studies	GLBL 193	https://globalstudies.unc.edu/internship (https://globalstudies.unc.edu/internship/)
History	HIST 393, HIST 493, HIST 593	https://history.unc.edu/undergraduate-opportunities (https://history.unc.edu/undergraduate-opportunities/)
Linguistics	LING 493	https://linguistics.unc.edu/undergrad-program (https://linguistics.unc.edu/undergrad-program/)

Music ¹	MUSC 493	https://music.unc.edu/undergraduate/current (https://music.unc.edu/undergraduate/current/)	Statistics and Operations Research	STOR 493	https://stor.unc.edu/undergraduate/courses (https://stor.unc.edu/undergraduate/courses/)
Peace, War, and Defense	PWAD 393	https://pwad.unc.edu/internship-opportunities (https://pwad.unc.edu/internship-opportunities/)	Women's and Gender Studies	WGST 393	https://womensstudies.unc.edu/courses-degrees/internship (https://womensstudies.unc.edu/courses-degrees/internship/)
Physics and Astronomy	PHYS 293	https://physics.unc.edu/undergrad (https://physics.unc.edu/undergrad/)	Professional Schools		
Political Science	POLI 193	https://politicalscience.unc.edu/undergraduate/internships (https://politicalscience.unc.edu/undergraduate/internships/)	Business (Kenan-Flagler)	BUSI 393, BUSI 493	https://www.kenan-flagler.unc.edu/programs/undergraduate-business/career (https://www.kenan-flagler.unc.edu/programs/undergraduate-business/career/)
Psychology and Neuroscience	NSCI 493, PSYC 493	https://psychology.unc.edu/gil-internship (https://psychology.unc.edu/gil-internship/)	Data Science and Society	DATA 493, DATA 593	https://datascience.unc.edu/undergraduate-independent-study (https://datascience.unc.edu/undergraduate-independent-study/)
Public Policy	PLCY 293, PLCY 493H	https://publicpolicy.unc.edu/academics/experiential-education (https://publicpolicy.unc.edu/academics/experiential-education/)	Education	EDUC 593, EDUC 698	
Romance Studies	ROML 293, SPAN 396	https://romancestudies.unc.edu/undergraduate/research (https://romancestudies.unc.edu/undergraduate/research/)	Information and Library Science	INLS 393	
Sociology	SOCI 393	https://sociology.unc.edu/undergraduate-program/sociology-major/independent-study-and-internships (https://sociology.unc.edu/undergraduate-program/sociology-major/independent-study-and-internships/)	Journalism and Media	MEJO 393	http://hussman.unc.edu/ug/studentservices/careerservices (http://hussman.unc.edu/ug/studentservices/careerservices/)
			Medicine-Health Sciences	NDSS 593	https://www.med.unc.edu/healthsciences/ndss/about (https://www.med.unc.edu/healthsciences/ndss/about/)
			Public Health-Biostatistics	BIOS 392	https://sph.unc.edu/students/fellowships-internships (https://sph.unc.edu/students/fellowships-internships/)
			Public Health-Environmental Sciences & Engineering	ENVR 593	https://sph.unc.edu/programs/?ppk=ese-bsph-r



Public Health- Health Policy and Management	HPM 593	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/)
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¹ Interested students should contact Professor Lee Weisert (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/internships/>).

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
HPM 501	HPM BSPH Professional Development Seminar	1
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
SPHG 102	Careers in Public Health	1

Office of Distinguished Scholarships

The Office of Distinguished Scholarships (ODS) provides support to Carolina students and alumni applying to nationally and internationally competitive scholarships and fellowships. ODS works with students and alumni at all stages of the scholarship and fellowship application process, including providing feedback on application materials and conducting practice interviews. ODS staff offer regular information sessions and hands-on workshops.

In addition, ODS administers the institutional nomination process called “endorsement” for 13 scholarship and fellowship programs:

- Beinecke (for third-year undergraduates)
- Churchill (for undergraduates in their final years and recent alumni)
- Goldwater (for second- and third-year students)
- James C. Gaither (for undergraduates in their final years and recent alumni)
- Marshall (for undergraduates in their final years and recent alumni)
- McCall MacBain (for undergraduates in their final years and alumni)
- Michel David-Weill (for undergraduates in their final years)
- Rhodes (for undergraduates in their final years and recent alumni)
- Truman (for third-year undergraduates)
- Udall (for second- and third-year undergraduates)
- Yenching Academy (for undergraduates in their final years and alumni)
- ODS also works with candidates for endorsement for the Boren Awards, for which endorsement is optional but strongly encouraged.

Major scholars and fellowships that ODS supports that do not require institutional endorsement include Knight-Hennessy, Schwarzman, Luce, Gates Cambridge, and Critical Language Scholarship (CLS).

The preparation required to compete for prestigious scholarships is a valuable educational opportunity. Candidates improve their ability to communicate ability both their past accomplishments and also their goals for the future. The skills gained and materials created from applying for these scholarships are often valuable when to applying to graduate schools and career opportunities.

Contact Information

Office of Distinguished Scholarships

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

General Inquiries
ods@unc.edu

Executive Director
Marc Howlett

Faculty Director
Benjamin Waterhouse

Languages Across the Curriculum

The Languages Across the Curriculum (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.

The LAC program offers 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
Languages Across the Curriculum Courses		
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
GSLI 489	GSLI 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

Director for Student Life and Leadership

Darrius Barrow
Darrius.Barrow@unc.edu

North Carolina Fellows Program

Founded in 1967, the North Carolina Fellows Program (<https://carolinaunion.unc.edu/departments/student-life-leadership/leadership-development-programs/nc-fellows/>) is a three-year, cohort-based program where students are challenged to look at leadership from a non-positional lens and create a personalized definition of leadership that will positively contribute to their time in and beyond the Carolina community.

Housed in Student Life & Leadership, the NC Fellows Program selects 25 to 30 first-year students per year to embark on a unique leadership development journey during their time at Carolina that includes both curricular and co-curricular components.

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 academic courses designed to strengthen both written 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 University Libraries. Additionally, community-building activities are significant components of the program, as students interact with various campus resources and their Summer Bridge cohort to establish networks of support. Any student who has been admitted to UNC–Chapel Hill and is a North Carolina resident is eligible to apply.

Contact Information

Summer Bridge

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IDEAs in Action Curriculum
Summary

The IDEAs in Action curriculum empowers students to shape their own educational path, while providing a solid foundation that fosters intellectual growth. This curriculum prepares students for their journey at Carolina and their future roles as leaders, creative problem-solvers, lifelong learners, and engaged citizens. For additional information, visit the IDEAs in Action website (<https://ideasinaction.unc.edu/>).

The IDEAs in Action curriculum applies to all first-year students and transfer students who enroll as degree-seeking undergraduates in fall 2022 or later. The requirements outlined in the Catalog are specifically for students beginning their studies at Carolina in fall 2025.

- *Students who entered the University between fall 2022 and spring 2025 should adhere to the IDEAs in Action requirements as detailed in the archived editions (p. 762) of the Catalog.*
- *Students who enrolled before fall 2022 are required to follow the Making Connections General Education curriculum. Information and approved courses are available in archived editions (p. 762) of the Catalog.*

The IDEAs Approach:

- Identify pressing questions, problems, and issues
- Discover ideas, evidence, and methods that inform these questions
- Evaluate these ideas, evidence, and methods
- Act on the basis of these evaluations

First Year Foundations: Start Strong!

The First-Year Foundations are a set of specialized courses and experiences designed to help students navigate their transition to college, take ownership of their education, and fully engage with the

opportunities at Carolina. Students are required to complete the First-Year Foundation requirements within their first academic year on campus (two semesters), with the exception of Global Language. Students are strongly encouraged to begin their Global Language coursework during their first year.

Focus Capacities: Design Your Course of Study!

Students take one course for each of the nine Focus Capacity areas (3 credits each) along with a one-credit Empirical Investigation Lab. Focus Capacity courses introduce and develop key skills for identifying, discovering, evaluating, and acting upon ideas, knowledge, evidence, and argument. These courses are designed to build a broad set of capacities to equip students for intellectual and practical challenges.

Reflection & Integration: Put Your Learning into Action!

As students move through the IDEAs in Action curriculum, they are encouraged to apply their growing capacities through concrete experiences. These opportunities help students reflect upon their learning, deepen their understanding, and integrate their knowledge in meaningful ways.

Requirements

Code	Title	Hours
First-Year Foundations		
IDST 101	 College Thriving ^{H, 1}	1
IDST 111L	 Data Literacy Lab ¹	1
First-Year Seminar or First-Year Launch (p. 640) ¹		3-4
ENGL 105	 English Composition and Rhetoric ¹	3
Global Language through level 3 (p. 649) ^{2, §}		varies
Focus Capacities		
1. Aesthetic and Interpretive Analysis (p. 650)		3
2. Creative Expression, Practice, and Production (p. 661)		3
3. Engagement with the Human Past (p. 664)		3
4. Ethical and Civic Values (p. 673)		3
5. Global Understanding and Engagement (p. 677)		3
6. Natural Scientific Investigation (p. 684)		3
7. Power and Society (https://catalog.unc.edu/undergraduate/ideas-in-action/power-society/)		3
8. Quantitative Reasoning (p. 685)		3
9. Ways of Knowing (p. 687)		3
One Focus Capacity course must include or be associated with a one-credit lab:		
Empirical Investigation Lab (p. 695)		1
Reflection and Integration		
Research and Discovery (p. 696) (one course) ^{3, §}		1-3
High-Impact Experience (p. 702) or a second Research and Discovery (p. 696) (one course) ³		1-3
Communication Beyond Carolina (p. 705) (one course) ^{4, §}		3
Interdisciplinary (p. 707) (one course) [†]		3
Lifetime Fitness (p. 708) ^{5, §}		1
Campus Life Experience (p. 708) (2 events every semester for full-time students) [§]		
Additional Requirements		
Foundations of American Democracy (p. 708) [†]		3
Requirements for a major (p. 107)		varies

Disciplinary Distribution (see below) ---

Supplemental General Education (<https://catalog.unc.edu/undergraduate/ideas-in-action/supplemental-general-education/>) (for BA degrees only) [§] varies

H Honors students may use HNRS 101 to fulfill the College Thriving requirement.

¹ Must be completed during the first academic year on campus (two semesters).

² Some majors require additional levels. Students are strongly encouraged to begin Global Language during their first year.

³ The same course or experience may not be counted for both the Research and Discovery and the High-Impact Experience requirements.

⁴ Students in the **2025–2026 cohort class** and the **2024–2025 cohort class** must earn credit for a Communication Beyond Carolina course to fulfill this requirement. Students in previous cohorts may fulfill this requirement by earning credit for a Communication Beyond Carolina course from the IDEAs in Action curriculum or by earning credit for a Communication-Intensive course from the Making Connections curriculum.

⁵ 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.

† New requirement for students starting at Carolina in fall 2025 or after.

§ Classified as a degree requirement. Not covered under the North Carolina Community College Comprehensive Articulation Agreement (CAA).

- 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. 735) 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. 743)" section in this catalog.

- Students are not permitted to drop ENGL 100, ENGL 105, or Global Language levels 1 through 3 being used to fulfill the IDEAs in Action requirement after the second week of the semester, unless approved by a dean in the Academic Advising Program. See "Continuous Course Enrollment (p. 743)" section in this catalog.

- The degree programs in Clinical Laboratory Science (p. 425), Dental Hygiene (<https://catalog.unc.edu/programs-study/dental-hygiene-major-bs/>), Nursing (p. 92), and Radiologic Science (<https://catalog.unc.edu/programs-study/radiologic-science-major-bs/>) 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.

- 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.

Disciplinary Distribution

All students are required to complete at least one general education course from each of the three major divisions within the College of Arts and Sciences (p. 110):

1. Fine Arts and Humanities
2. Natural Sciences and Mathematics
3. Social Sciences and Global Programs

These courses may be fulfilled through any of the following categories:

- FY-Seminar/FY-Launch
- Focus Capacity
- Research and Discovery
- High-Impact Experience
- Foundations of American Democracy

Additional Policies

- Courses used to satisfy IDEAs in Action requirements may not be declared Pass/Low 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, all Lifetime Fitness courses, some Research and Discovery courses, and some High-Impact Experience courses are only offered as Pass/Low Pass/Fail.
- Students may take and receive credit for only one First-Year Seminar or First-Year Launch course.
- All First-Year Foundation requirements must be satisfied by taking courses at UNC–Chapel Hill, with three exceptions:

Overlapping/Double Counting Rules

A single course may be used to fulfill multiple IDEAs in Action requirements, with the following exceptions:

- Some courses are approved for two (2) Focus Capacity requirements. However, a single course may be used to fulfill only one Focus Capacity requirement. In other words, students must complete nine (9) courses for the nine (9) Focus Capacity requirements.
- A Focus Capacity course may not double count with a Supplemental General Education course.
- The same course may not be used to fulfill both the Research and Discovery requirement and the High-Impact Experience requirement.

First-Year Foundations

College Thriving (FY-THRIVE)

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 (FY-WRITING)

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 (FY-SEMINAR & FY-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. 640) courses.

Data Literacy Lab (FY-DATA)

Learning Outcomes

1. Demonstrate understanding of the essentials of computer architecture and data security.
2. Recognize how data is collected, manipulated, and accessed.
3. Interpret analyzed data to make meaningful conclusions.
4. Identify the ethical challenges that arise when working with data and their impact on society.

Global Language (GLBL-LANG)

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. 649) courses.

Focus Capacities

Every Focus Capacity course includes the following recurring capacities:

1. Writing, totaling at least 10 pages in length or the intellectual equivalent
2. Presenting material to the class, small groups, or the public through oral presentations, webpages, or other means that enable corroboration of fact and argument
3. Collaborating in pairs or groups to learn, design, solve, create, build, research, or similar.

Aesthetic and Interpretive Analysis (FC-AESTH)

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. 650) courses.

Creative Expression, Practice, and Production (FC-CREATE)

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. 661) courses.

Engagement with the Human Past (FC-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. 664) courses.

Ethical and Civic Values (FC-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. 673) courses.

Global Understanding and Engagement (FC-GLOBAL)

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. 677) courses.

Natural Scientific Investigation (FC-NATSCI)

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 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. 684) courses.

Power and Society (FC-POWER)

Learning Outcomes

These are the learning outcomes that are expected of students after completing a course.

1. Analyze configurations of social, economic, and political power and how they influence the functioning of societies and forms of inequality.
2. Examine how the organization of social, economic, and political systems affects the distribution of resources, opportunities, and influence within societies.
3. Interrogate the processes by which such systems are established, sustained, and at times challenged and changed in specific historical contexts.

The Administrative Boards of the College of Arts and Sciences approved changes to the learning outcomes on 4-25-2025.

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 (<https://catalog.unc.edu/undergraduate/ideas-in-action/power-society/>) courses.

Quantitative Reasoning (FC-QUANT)

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. 685) courses.

Ways of Knowing (FC-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. 687) courses.

Empirical Investigation Lab (FC-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. 695) courses.

Reflection and Integration

Research and Discovery (RESEARCH)

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. 696) 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. 702).

Communication Beyond Carolina (COMMBEYOND)

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 oral communications to different kinds of settings, including individual, small group, and public communication.

3. Tailor oral 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. 705) courses.

Interdisciplinary Requirement

Learning Outcomes

1. Compare and contrast the questions and methods multiple disciplines might use to gain a more complete understanding of the central class theme.
2. Explain how an interdisciplinary approach changes our ability to solve problems and form understandings of complex topics.
3. Synthesize knowledge and processes from multiple disciplines to solve problems and/or generate new ideas relating to the course's central theme.

Questions for Students

1. How are the concepts and methods discussed in class interconnected and useful in understanding the central course theme?
2. What questions might scholars from different fields pose regarding a complex global problem?
3. Why is interdisciplinary knowledge useful in solving complex global problems?
4. How does an interdisciplinary approach change our ability to pose questions and analyze data?

Approved INTERDISCI (p. 707) courses.

Lifetime Fitness (LIFE-FIT)

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. 708) 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?

Additional Requirements

Foundations of American Democracy

Learning Outcomes

1. Identify and analyze the political, historical, and cultural impact of founding documents on governance and democracy in America.
2. Identify and analyze the political, historical, and cultural impact of key milestones in American history on the evolution of democratic republicanism in America.
3. Evaluate key concepts, principles, arguments and contexts in founding documents of the American republic, including the United States Constitution, the Declaration of Independence and a representative selection of the Federalist Papers. *[BOG outcome #1]*
4. Evaluate key milestones in progress and challenges in the effort to form “a more perfect Union,” including the arguments and contexts surrounding the Gettysburg Address, the Emancipation Proclamation, and the Letter from Birmingham Jail, as well as other texts that reflect the breadth of American experiences. *[BOG outcome #2]*

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 completed 24 or more credits at another institution (earned after graduating from high school), you are exempt from the following 3 First-Year Foundation requirements (and you may not enroll in these classes):

1. College Thriving
2. First-Year Seminar/First-Year Launch
3. Data Literacy Lab

All other IDEAs in Action requirements must be fulfilled, including ENGL 105 and Global Language (p. 649) 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, which are degree requirements:

- Global Language
- Research and Discovery
- Communication Beyond Carolina
- Lifetime Fitness
- Campus Life Experience (for the semesters at UNC)
- 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, which are degree requirements:

- Global Language
- Research and Discovery
- Communication Beyond Carolina
- Lifetime Fitness
- Campus Life Experience (for the semesters at UNC)
- 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, IDST 111L, and a FY-Seminar or FY-Launch (p. 640) course.

Contact Information

Visit Program Website (<https://ideasinaction.unc.edu/about/contact/>)

First-Year Seminar and First-Year Launch































First-Year Seminars (FYS) provide students with this close contact through in-depth study of a specialized topic in a small class (no more than 24 students). FYSs are issue-oriented, covering a wide range of knowledge and/or engaging specific issues or advanced, cutting-edge topics. They are methodologically self-conscious, focus on how scholars pose problems, involve active learning, encourage self-directed inquiry, and enable students to take responsibility for producing knowledge. The courses also build students’ communication skills. They are not introductory surveys.

First-Year Launches (FYL) provide an introduction to a discipline or field of study that directly relates to a major offered at UNC-Chapel Hill. Thus, FYL courses must fulfill a requirement in a major (e.g., gateway, core requirement, or elective requirement). These courses also build students’ communication skills. FYL courses are ordinarily capped at 24 but may have as many as 35 students.

A First-Year Seminar or a First-Year Launch is a required First-Year Foundations course in the IDEAs in Action curriculum (p. 635).

First-Year Seminar




















































Code	Title	Hours
Approved Courses		
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 57	 First-Year Seminar: Afro-Latinxs in the U.S.	3
AAAD 58	 First-Year Seminar: Health Inequality in Africa and the African Diaspora	3
AAAD 89	 First Year Seminar: Special Topics	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 ^H	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 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 ^H	3
ANTH 50	 First-Year Seminar: Skeletons in the Closet	3
ANTH 51	 First-Year Seminar: Environmentalism and American Society	3
ANTH 53	 First-Year Seminar: Darwin's Dangerous Idea ^H	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 60	 First-Year Seminar: Crisis & Resilience: Past and Future of Human Societies ^H	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 67	 First-Year Seminar: Blackness and Racialization: A Multidimensional Approach	3
ANTH 68	 First-Year Seminar: Forced Out and Fenced In: Ethnography of Latinx Immigration	3
ANTH 70	 First-Year Seminar: By Persons Unknown: Race and Reckoning in North Carolina ^H	3
ANTH 72	 First-Year Seminar: Archaeology and Popular Culture	3
ANTH 89	 First-Year Seminar: Special Topics ^H	3
APPL 60	 First-Year Seminar: Tree. Timber. Totem	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 ^H	3
ARTH 55	 First-Year Seminar: Art, Gender, and Power in Early Modern Europe ^H	3
ARTH 59	 First-Year Seminar: World's Fairs	3
ARTH 61	 First-Year Seminar: African American Art of the Carolinas	3
ARTH 64	 First-Year Seminar: Picturing Nature	3
ARTH 66	 First-Year Seminar: Art, Money, and the Market	3
ARTH 85	 First-Year Seminar: Art and Technology	3
ARTH 89	 First-Year Seminar: Special Topics ^H	3
ARTS 50	 First-Year Seminar: The Artistic Temperament ^H	3
ARTS 59	 First-Year Seminar: Time, A Doorway to Visual Expression	3
ARTS 75	 First-Year Seminar: Stories in Sight: The Narrative Image	3
ARTS 78	 First-Year Seminar: The Visual Culture of Photography	3
ARTS 82	 First-Year Seminar: Please Save This: Exploring Personal Histories through Visual Language	3
ARTS 89	 First-Year Seminar: Special Topics	3
ASIA 50	 First-Year Seminar: The Samurai: Gender and Power in Japanese History	3
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 56	 First-Year Seminar: Writing Women in Modern China ^H	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 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 65	 First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3	CHEM 73	 First-Year Seminar: From Atomic Bombs to Cancer Treatments: The Broad Scope of Nuclear Chemistry ^H	3
ASIA 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3	CHEM 74	 First-Year Seminar: Polymers: How Plastic Changed our World	3
ASIA 71	 First-Year Seminar: Asia in Iberian Converso Literature, 1500s-1650s	3	CHEM 75	 First-Year Seminar: Bread from Air? The Chemistry of Fertilizers	3
ASIA 72	 First-Year Seminar: Transnational Korea: Literature, Film, and Popular Culture	3	CHEM 89	 First-Year Seminar: Special Topics	3
ASIA 73	 First-Year Seminar: Popular Culture in the Arab World	3	CLAR 50	 First-Year Seminar: Art in the Ancient City ^H	3
ASIA 74	 First-Year Seminar: Imagining Palestine	3	CLAS 51	 First-Year Seminar: Greek Drama from Page to Stage ^H	3
ASIA 75	 First-Year Seminar: Love in China	3	CLAS 55	 First-Year Seminar: Three Greek and Roman Epics ^H	3
ASIA 76	 First-Year Seminar: Traveling to China and Traveling from China in the Premodern World	3	CLAS 57	 First-Year Seminar: Dead and Deadly Women: Greek Tragic Heroines from Aeschylus to Eliot ^H	3
ASIA 77	 First-Year Seminar: Women and Performance in Transnational Asia	3	CLAS 59	 First-Year Seminar: Ancient Magic and Religion	3
ASIA 89	 First Year Seminar: Special Topics ^H	3	CLAS 61	 First-Year Seminar: Writing the Past ^H	3
ASTR 63	 First-Year Seminar: Catastrophe and Chaos: Unpredictable Physics ^H	3	CLAS 62	 First-Year Seminar: Bandits, Barbarians, and Rebels in the Ancient Mediterranean	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
BIOL 53	 First-Year Seminar: Biotechnology: Genetically Modified Foods to the Sequence of the Human Genome	3	CLAS 64	 First-Year Seminar: Cinema and the Ancient World	3
BIOL 55	 First-Year Seminar: The Roots and Flowering of Civilization: A Seminar on Plants and People	3	CLAS 65	 First-Year Seminar: The City of Rome	3
BIOL 57	 First-Year Seminar: Detecting the Future: Human Diseases and Genetic Tests	3	CLAS 67	 First-Year Seminar: Helen of Troy: From Homer to Hollywood	3
BIOL 59	 First-Year Seminar: Unsolved Problems in the Genomic Age	3	CLAS 89	 First-Year Seminar: Special Topics ^H	3
BIOL 59	 First-Year Seminar: Unsolved Problems in the Genomic Age	3	CMPL 55	 First-Year Seminar: Comics as Literature	3
BIOL 61	 First-Year Seminar: Sea Turtles: A Case Study in the Biology of Conservation	3	CMPL 62	 Curiosity and the Birth of the Imagination	3
BIOL 62	 First-Year Seminar: Mountains Beyond Mountains: Infectious Disease in the Developing World ^H	3	CMPL 89	 First-Year Seminar: Special Topics	3
BIOL 65	 First-Year Seminar: Pneumonia	3	COMM 51	 First-Year Seminar: Organizing and Communicating for Social Entrepreneurs	3
BIOL 66	 First-year seminar: Evolution and the Science of Life	3	COMM 53	 First-Year Seminar: Collective Leadership Models for Community Change	3
BIOL 68	 A History of Life, the Universe, and Everything	3	COMM 57	 First-Year Seminar: Is There Life after College?: The Meaning of Work in Contemporary Life	3
BIOL 75	 First-Year Seminar: Biodiversity and Citizen Science ^H	3	COMM 61	 First-Year Seminar: The Politics of Performance	3
BIOL 81	 First-Year Seminar: Intuition, Initiative and Industry: Biologists as Entrepreneurs	3	COMM 62	 First-Year Seminar: African American Literature and Performance	3
BIOL 89	 First Year Seminar: Special Topics	3	COMM 63	 First-Year Seminar: The Creative Process in Performance	3
BMME 89	 First Year Seminar: Special Topics	3	COMM 68	 First-Year Seminar: Paying Attention: The Art of Documentary	3
BUSI 89	 First-Year Seminar: Special Topics ^H	3	COMM 73	 First-Year Seminar: Understanding Place through Rhetoric	3
CHEM 70	 First-Year Seminar: You Don't Have to Be a Rocket Scientist	3	COMM 75	 First-Year Seminar: Researching Society and Culture	3
			COMM 82	 First-Year Seminar: Food Politics from an Organizational Communication Perspective	3

COMM 83	 First-Year Seminar: Networked Societies	3	EMES 68	 First-Year Seminar: Soundscape of Our Planet	3
COMM 84	 First-Year Seminar: Make A Zine! Do-It-Yourself Writing, Publishing, and Distribution	3	EMES 72H	 First-Year Seminar: Field Geology of Eastern California	3
COMM 85	 First-Year Seminar: Think, Speak, Argue	3	EMES 76	 First-Year Seminar: Energy Resources for a Hungry Planet	3
COMM 86	 First-Year Seminar: Surveillance and Society	3	EMES 77	 First-Year Seminar: Volcanoes and Civilization: An Uneasy Coexistence	3
COMM 88	 First-Year Seminar: Technologies of Popular Culture	3	EMES 79	 First-Year Seminar: Coasts in Crisis	3
COMM 89	 First-Year Seminar: Special Topics ^H	3	EMES 89	 First-Year Seminar: Special Topics	3
COMP 50	 First-Year Seminar: Everyday Computing ^H	3	ENEC 51	 First-Year Seminar: Balancing the Environment: Science, Human Values, and Policy in North Carolina	3
COMP 60	 First-Year Seminar: Robotics with LEGO® ^H	3	ENEC 89	 First Year Seminar: Special Topics	3
COMP 65	 First-Year Seminar: Folding, from Paper to Proteins ^H	3	ENGL 50	 First-Year Seminar: Multimedia North Carolina	3
COMP 89	 First -Year Seminar: Special Topics ^H	3	ENGL 52	 First-Year Seminar: Computers and English Studies ^H	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
DRAM 80	 First-Year Seminar: Psychology of Clothes: Motivations for Dressing Up and Dressing Down ^H	3	ENGL 54	 First-Year Seminar: The War to End All Wars? The First World War and the Modern World ^H	3
DRAM 81	 First-Year Seminar: Staging America: The American Drama ^H	3	ENGL 55	 First-Year Seminar: Reading and Writing Women's Lives ^H	3
DRAM 83	 First-Year Seminar: Spectacle in the Theatre	3	ENGL 57	 First-Year Seminar: Future Perfect: Science Fictions and Social Form ^H	3
DRAM 85	 First-Year Seminar: Documentary Theatre ^H	3	ENGL 58	 First-Year Seminar: The Doubled Image: Photography in U.S. Latina/o Short Fiction ^H	3
DRAM 87	 First-Year Seminar: Style: A Mode of Expression ^H	3	ENGL 59	 First-Year Seminar: Black Masculinity and Femininity	3
DRAM 89	 First Year Seminar: Special Topics	3	ENGL 63	 First-Year Seminar: Banned Books ^H	3
ECON 54	 First-Year Seminar: The Entrepreneurial Imagination: Turning Ideas into Reality	3	ENGL 66	 First-Year Seminar: Blake 2.0: William Blake in Popular Culture	3
ECON 55	 First-Year Seminar: Economics of Sports ^H	3	ENGL 69	 First-Year Seminar: Entrepreneurial on the Web	3
ECON 56	 First-Year Seminar: Entrepreneurship: Asia and the West	3	ENGL 70	 First-Year Seminar: Courtly Love, Then and Now	3
ECON 57H	 First-Year Seminar: Constructing Your Own Venture	3	ENGL 71	 First-Year Seminar: Healers and Patients ^H	3
ECON 58	 First-Year Seminar: Researching the Tools for Success in College ^H	3	ENGL 72	 First-Year Seminar: Literature of 9/11	3
ECON 89	 First Year Seminar: Special Topics ^H	3	ENGL 73	 First-Year Seminar: Literature of War from World War I to the 21st Century	3
EDUC 65	 First-Year Seminar: School Daze: What's School Got to do with Getting an Education?	3	ENGL 74	 First-Year Seminar: Epic/Anti-Epic in Western Literature	3
EDUC 89	 First-Year Seminar: Special Topics	3	ENGL 75	 First-Year Seminar: Interpreting the South from Manuscripts	3
EMES 51	 First-Year Seminar: Global Warming: Science, Social Impacts, Solutions	3	ENGL 76H	 First-Year Seminar: Biography: People and Places, Chapel Hill	3
EMES 52	 First-Year Seminar: Living with Our Oceans and Atmosphere	3	ENGL 79	 First-Year Seminar: Globalization/Global Asians	3
EMES 53	 First-Year Seminar: The Ends of the Earth: Polar Oceanography and Exploration	3	ENGL 81	 First-Year Seminar: Jane Eyre and Its Afterlives	3
EMES 55	 First-Year Seminar: Change in the Coastal Ocean	3	ENGL 85	 First-Year Seminar: Economic Saints and Villains ^H	3
EMES 59	 First-Year Seminar: Extreme Microorganisms: Pushing the Limits of Life on Earth and Beyond	3	ENGL 86	 First-Year Seminar: The Cities of Modernism	3

ENGL 87	 First-Year Seminar: Jane Austen, Then and Now ^H	3	GEOG 68	 First-Year Seminar: Freshwaters in the Anthropocene	3
ENGL 88	 First Year Seminar: The Legacy of the Japanese American Internment: from WWII to 9/11	3	GEOG 69	 First-Year Seminar: People and Forests	3
ENGL 89	 First-Year Seminar: Special Topics ^H	3	GEOG 89	 First Year Seminar: Special Topics	3
ENVR 89	 First-Year Seminar: Special Topics	3	GLBL 87H	 First Year Seminar: The Migratory Experience	3
EURO 89	 First-Year Seminar: Special Topics	3	GLBL 88	 First-Year Seminar: Beg, Borrow, and Steal: The Political Economy of Aid, FDI, and Corruption	3
EXSS 50	 First-Year Seminar: Discrimination and Sport	3	GLBL 89	 First-Year Seminar: Special Topics ^H	3
EXSS 51	 First-Year Seminar: Entrepreneurship in Human Performance and Sport	3	GSLL 50	 First-Year Seminar: Literary Fantasy and Historical Reality	3
EXSS 53	 Brain Matters: The Human Computer ^H	3	GSLL 51	 First-Year Seminar: Stalin and Hitler: Historical Issues in Cultural and Other Perspectives	3
EXSS 55	 First-Year Seminar: Sport Engineering and Human Performance	3	GSLL 52	 First-Year Seminar: Nature and Death: Ecological Crises in German Literature and Film	3
EXSS 89	 First-Year Seminar: Special Topics ^H	3	GSLL 53	 First-Year Seminar: Early Germanic Culture: Myth, Magic, Murder, and Mayhem	3
FOLK 77	 First-Year Seminar: The Poetic Roots of Hip-Hop: Hidden Histories of African American Rhyme ^H	3	GSLL 54	 First-Year Seminar: Once upon a Fairy Tale: Fairy Tales and Childhood, Then and Now	3
FOLK 89	 First-Year Seminar: Special Topics	3	GSLL 55	 First-Year Seminar: Fantasies of Rome: Gladiators, Senators, Soothsayers, and Caesars	3
FREN 65	 First-Year Seminar: La mode: Fashion in French Culture	3	GSLL 56	 First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3
FREN 80	 First-Year Seminar: Déjà vu. Medicine and Narration across Time and Space	3	GSLL 59	 First-Year Seminar: Moscow 1937: Dictatorships and Their Defenders	3
GEOG 50	 First-Year Seminar: Mountain Environments ^H	3	GSLL 60	 First-Year Seminar: Avant-Garde Cinema: History, Themes, Textures	3
GEOG 52	 First-Year Seminar: Political Ecology of Health and Disease ^H	3	GSLL 63	 First-Year Seminar: Performing America	3
GEOG 53	 First-Year Seminar: Battle Park: Carolina's Urban Forest	3	GSLL 67	 First-Year Seminar: Blackness in the European Imaginary, Europe in the Black Imaginary	3
GEOG 54	 First-Year Seminar: Global Change and the Carolinas	3	GSLL 68	 First-Year Seminar: Intensity, Vitality, Ecstasy: Affects in Literature, Film, and Philosophy ^H	3
GEOG 55	 First-Year Seminar: Landscape in Science and Art	3	GSLL 69	 First-Year Seminar: Laughing and Crying at the Movies: Film and Experience	3
GEOG 56	 First-Year Seminar: Local Places in a Globalizing World	3	GSLL 70	 First-Year Seminar: Teenage Kicks: Race, Class, and Gender in Postwar Youth Cultures	3
GEOG 58	 First-Year Seminar: Making Myth-Leading Memories: Landscapes of Remembrance	3	GSLL 75	 First-Year Seminar: The Book of Books: Literature and the Bible	3
GEOG 59	 First-Year Seminar: Space, Identity, and Power in the Middle East	3	GSLL 76	 First-Year Seminar: Uncharted Territory: Underworlds in Literature and the Visual Arts	3
GEOG 60	 First-Year Seminar: Health Care Inequalities	3	GSLL 80	 Not Just Dogs: Animals in Russian Literature	3
GEOG 61	 First-Year Seminar: Climate Change in the American Southeast	3	GSLL 82	 First-Year Seminar: Doctor Stories	3
GEOG 62	 First-Year Seminar: The Culture of Technology	3	GSLL 83	 First-Year Seminar: We, Robots: Identifying with our Automated Others in Fiction and Film	3
GEOG 63	 First-Year Seminar: The Problem with Nature and Its Preservation ^H	3	GSLL 84	 First-Year Seminar: Terror for the People: Terrorism in Russian Literature and History	3
GEOG 64	 First-Year Seminar: Vietnam	3	GSLL 85	 First-Year Seminar: Children and War	3
GEOG 65	 First-Year Seminar: Climate Change in the Media ^H	3	GSLL 86	 First-Year Seminar: Literature and Madness	3
GEOG 67	First-Year Seminar: Politics of Everyday Life	3	GSLL 87	First-Year Seminar: Literature Confronting Totalitarianism	3

GSLI 88	 First-Year Seminar: Gender and Fiction in Central and Eastern Europe ^H	3	HIST 84	 First-Year Seminar: Monsters, Murders, and Mayhem in Microhistorical Analysis: French Case Studies ^H	3
GSLI 89	 First-Year Seminar: Special Topics in Germanic and Slavic Languages and Literatures	3	HIST 85	 First-Year Seminar: What Concentration Camp Survivors Tell Us ^H	3
HIST 50	 First-Year Seminar: Time and the Medieval Cosmos	3	HIST 86H	 First-Year Seminar: Witchcraft and Magic in the Early Modern Atlantic World	3
HIST 51	 First-Year Seminar: Latin American Revolutions	3	HIST 88	 First Year Seminar: America's Founding Documents	3
HIST 52	 First-Year Seminar: Conflicts over Israel/Palestine	3	HIST 89	 First Year Seminar: Special Topics ^H	3
HIST 53	 First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-2000	3	IDST 89	 First-Year Seminar: Special Topics	3
HIST 54	 First-Year Seminar: Movies and the Medieval Past	3	INLS 73	 First-Year Seminar: Smart Cities	3
HIST 55	 First-Year Seminar: Preventing Broken Hearts in North Carolina: History and Health Care in the South	3	INLS 89	 First-Year Seminar: Special Topics	3
HIST 57	 First-Year Seminar: Dogs, Past and Present	3	ITAL 51	 First-Year Seminar: Contagion and Culture: Lessons from Italy	3
HIST 58	 First-Year Seminar: History and the Meaning of Life	3	JWST 56	 First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3
HIST 59	 First-Year Seminar: Rebuilding the American South: Work and Identity in Modern History	3	JWST 60	 First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3
HIST 62	 First-Year Seminar: Nations, Borders, and Identities	3	JWST 70	 First-Year Seminar: Jewish Spain: History and Culture Across the Hispanic World	3
HIST 63	 First-Year Seminar: Water, Conflict, and Connection: the Middle East and Ottoman Lands ^H	3	JWST 89	 First-Year Seminar: Special Topics	3
HIST 64	 First-Year Seminar: Gorbachev: The Collapse of the Soviet Empire and the Rise of the New Russia	3	LING 60	 First-Year Seminar: How Reading Works: Language, Cognition, and Literacy	3
HIST 66	 First-Year Seminar: Film and History in Europe and the United States, 1908-1968	3	LING 70	 First-Year Seminar: Language in the U.S.A	3
HIST 67	 First-Year Seminar: Maid in America, Made in China: Laboring Women in Global Perspective	3	LING 89	 First-Year Seminar: Special Topics ^H	3
HIST 70	 First-Year Seminar: Seeing History in Everyday Places: Chapel Hill as a Case Study	3	LTAM 52	 First-Year Seminar: The Cuban Revolution, Latin America, and the United States	3
HIST 72	 First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory ^H	3	LTAM 89	 First-Year Seminar: Special Topics	3
HIST 74	 First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	3	MATH 51	 First-Year Seminar: 'Fish Gotta Swim, Birds Gotta Fly': The Mathematics and the Mechanics of Moving ^H	3
HIST 76	 First-Year Seminar: Understanding 1492	3	MATH 62	 First-Year Seminar: Combinatorics ^H	3
HIST 77	 First-Year Seminar: United States and the Caribbean	3	MATH 65	 First-Year Seminar: Colliding Balls and Springs: The Microstructure of How Materials Behave	3
HIST 79	 First-Year Seminar: Coming of Age in 20th Century America	3	MATH 68	 First-Year Seminar: The Mathematics of Voting	3
HIST 80	 First-Year Seminar: African American Music as History	3	MATH 69	 First-Year Seminar: Unfolding Infinity: Mathematical Origami and Fractal Symmetry	3
HIST 81	 First-Year Seminar: Diaries, Memoirs, and Testimonies of the Holocaust	3	MATH 70	 First-Year Seminar: Topology and Symmetry	3
HIST 83	 First-Year Seminar: African History through Popular Music	3	MATH 89	 First-Year Seminar: Special Topics ^H	3
			MEJO 89	 First-Year Seminar: Special Topics	3
			MUSC 51	 First-Year Seminar: The Interplay of Music and Physics	3
			MUSC 52	 First-Year Seminar: Building a Nation: The Stage Musicals of Rodgers and Hammerstein, 1942-1949	3
			MUSC 53	 First-Year Seminar: Rock 'n' Roll: The First Wave, 1955-1964	3
			MUSC 54	 First-Year Seminar: Music and Magic	3

MUSC 55H	 First-Year Seminar: A Love Affair in Renaissance Drama and Music	3	PHIL 65	 First-Year Seminar: Philosophy through Mathematics	3
MUSC 56	 First-Year Seminar: Early-Modern Court Spectacle	3	PHIL 66	 First-Year Seminar: Ethics: Theoretical and Practical	3
MUSC 57	 First-Year Seminar: Music and Drama: Verdi's Operas and Italian Romanticism	3	PHIL 67	 First-Year Seminar: Issues in a World Society: Sports and Competition	3
MUSC 58	 First-Year Seminar: Music in Motion: American Popular Music and Dance	3	PHIL 68	 First-Year Seminar: Moral Life ^H	3
MUSC 59	 First-Year Seminar: 20th-Century Music and Visual Art	3	PHIL 70	 First-Year Seminar: Gateway to Philosophy, Politics, and Economics	3
MUSC 60H	 First-Year Seminar: American Literature and Its Music	3	PHIL 75	 First-Year Seminar: Evil	3
MUSC 61H	 First-Year Seminar: Reverberations	3	PHIL 76	 First-Year Seminar: Is Free Will an Illusion? ^H	3
MUSC 62	 First-Year Seminar: Vienna: City of Dreams ^H	3	PHIL 77	 First-Year Seminar: Moral Weakness and Conscience	3
MUSC 63	 First-Year Seminar: Music on Stage and Screen ^H	3	PHIL 78	 First-Year Seminar: Death as a Problem for Philosophy: Metaphysical and Ethical	3
MUSC 64	 First-Year Seminar: What is a Work of Art? Listening to Music	3	PHIL 79	 First-Year Seminar: Words That Bind: The Structure of Constitutions	3
MUSC 65	 First-Year Seminar: Music and Culture: Understanding the World through Music	3	PHIL 80	 First-Year Seminar: Short Stories and Contemporary Social Problems	3
MUSC 66	 First-Year Seminar: A Course in Digital Humanities and Multimedia ^H	3	PHIL 85	 First-Year Seminar: Reason, Religion, and Reality in the Copernican Revolution ^H	3
MUSC 89	 First-Year Seminar: Special Topics ^H	3	PHIL 86	 First-Year Seminar: Persons and Identity	3
NSCI 61	 First-Year Seminar: Drug Addiction: Fact and Fiction ^H	3	PHIL 89	 First Year Seminar: Special Topics	3
NSCI 71	 First Year Seminar: Plasticity and the Brain	3	PHYS 50	 First-Year Seminar: Time and the Medieval Cosmos	3
NSCI 89	 First Year Seminar: Special Topics ^H	3	PHYS 51	 First-Year Seminar: The Interplay of Music and Physics	3
NURS 89	 First-Year Seminar: Special Topics	3	PHYS 53	 First-Year Seminar: Handcrafting in the Nanoworld: Building Models and Manipulating Molecules	3
PHIL 51	 First-Year Seminar: Who Was Socrates?	3	PHYS 54	 First-Year Seminar: Physics of Movies	3
PHIL 52	 First-Year Seminar: Reason and Religion at the Dawn of Modern Science	3	PHYS 55	 First-Year Seminar: Introduction to Mechatronics	4
PHIL 53	 First-Year Seminar: Theories in Human Nature ^H	3	PHYS 63	 First-Year Seminar: Catastrophe and Chaos: Unpredictable Physics ^H	3
PHIL 54	 First-Year Seminar: Thinking about Time	3	PHYS 89	 First-Year Seminar: Special Topics	3
PHIL 55	 First-Year Seminar: Paradoxes	3	PLAN 50	 First-Year Seminar: This Land Is Your Land	3
PHIL 56	 First-Year Seminar: Abortion	3	PLAN 51	 First-Year Seminar: Envisioning Community	3
PHIL 57	 First-Year Seminar: Race and Affirmative Action	3	PLAN 52	 First-Year Seminar: Race, Sex, and Place in America	3
PHIL 58	 First-Year Seminar: From Vengeance to Mercy: Dealing with Evil	3	PLAN 53	 First-Year Seminar: The Changing American Job	3
PHIL 59	 First-Year Seminar: Proofs of the Existence of God ^H	3	PLAN 54	 First-Year Seminar: Bringing Life Back to Downtown: Commercial Redevelopment of Cities and Towns	3
PHIL 60	 First-Year Seminar: Plato's Symposium and Its Influence on Western Art and Literature ^H	3	PLAN 55	 First-Year Seminar: Sustainable Cities	3
PHIL 61	 First Year Seminar: The Self: Aspiration and Transformation	3	PLAN 57	 First-Year Seminar: What Is a Good City? ^H	3
PHIL 62	First-Year Seminar: Philosophy with Children	3	PLAN 58	 First-Year Seminar: Globalization and the Transformation of Local Economies	3
PHIL 63	First-Year Seminar: Mind, Brain, and Consciousness	3			




PLAN 59	 First-Year Seminar: World's Fairs	3	POLI 79	 First-Year Seminar: Global Politics of Climate Change	3
PLAN 63	 First-Year Seminar: Planning the Night	3	POLI 89	 First-Year Seminar: Special Topics	3
PLAN 89	 First-Year Seminar: Special Topics	3	PSYC 54	 First-Year Seminar: Families and Children	3
PLCY 51	 First-Year Seminar: The Global Environment in the 21st Century	3	PSYC 58	 First-Year Seminar: The Psychology of Mental States and Language Use ^H	3
PLCY 54	 First-Year Seminar: U.S. Immigration	3	PSYC 62	 First-Year Seminar: Positive Psychology: The Science of Optimal Human Functioning	3
PLCY 55	 First-Year Seminar: Higher Education, the College Experience, and Public Policy	3	PSYC 63	 First-Year Seminar: Use, Misuse, and Addiction to Drugs in the 21st Century	3
PLCY 60	 First-Year Seminar: Understanding Poverty	3	PSYC 66	 First-Year Seminar: Eating Disorders and Body Image	3
PLCY 61	 First-Year Seminar: Policy Entrepreneurship and Public/Private/Non-Profit Partnerships ^H	3	PSYC 67	 First-Year Seminar: The Senses of Animals	3
PLCY 63	 First-Year Seminar: Creating Social Value	3	PSYC 68	 First-Year Seminar: Psychology of Emotion	3
PLCY 68	 First Year Seminar: Health & Inequality	3	PSYC 89	 First Year Seminar: Special Topics ^H	3
PLCY 71	 First-Year Seminar: Justice and Inequality ^H	3	PWAD 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
PLCY 75	 First-Year Seminar: Debates in Public Policy and Racial Inequality	3	PWAD 89	 First-Year Seminar: Special Topics	3
PLCY 76	 First-Year Seminar: Global Health Policy ^H	3	RELI 60	 First-Year Seminar: Religion and Racism	3
PLCY 79	 First-Year Seminar: Issues in Science and Technology Policy	3	RELI 61	 First-Year Seminar: Religion, Magic, and Science	3
PLCY 80	 First-Year Seminar: Innovation, Entrepreneurship, and Economic Growth ^H	3	RELI 62	 First-Year Seminar: A History of Heresy: Christian Dissent from the Gnostics to the Pentecostals	3
PLCY 81	 First Year Seminar: America's Labor Market	3	RELI 63	 First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls	3
PLCY 85	 First-Year Seminar: Reforming America's Schools ^H	3	RELI 64	 First-Year Seminar: Reintroducing Islam	3
PLCY 87	 First-Year Seminar: Education in a Multicultural Society	3	RELI 65	 First-Year Seminar: Myth, Philosophy, and Science in the Ancient World	3
PLCY 89	 First-Year Seminar: Special Topics	3	RELI 66	 First-Year Seminar: Buddhism in America: From the Buddha to the Beastie Boys	3
POLI 50	 First-Year Seminar: Movies and Politics	3	RELI 67	 First-Year Seminar: Nature/Culture/Self-Identity: Religion in the Construction of Social Life	3
POLI 52	 First-Year Seminar: Friendship in Political Thought ^H	3	RELI 68	 FYS: Charisma in Religion, Science, and Poetry Studies in the Entrepreneurial Imagination ^H	3
POLI 57	 First-Year Seminar: Democratic Governance in Contemporary Latin America	3	RELI 69	 First-Year Seminar: Gender and Sexuality in Contemporary Judaism	3
POLI 59	 First-Year Seminar: Revolution, America in 1776 and France in 1789	3	RELI 70	 First-Year Seminar: Jesus in Scholarship and Film	3
POLI 63	 First-Year Seminar: Social Movements and Political Protest and Violence	3	RELI 71	 First-Year Seminar: The Spirit of Capitalism	3
POLI 66	 First-Year Seminar: The United States and the European Union: Partners or Rivals?	3	RELI 72	 First-Year Seminar: Apocalypse Now? Messianic Movements in America	3
POLI 70	 First-Year Seminar: Political Conflict in the European Union and the United States	3	RELI 73	 First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion ^H	3
POLI 72	 First-Year Seminar: Entrepreneurship in Community and Economic Development	3	RELI 74	 First-Year Seminar: Person, Time, and Religious Conduct ^H	3
POLI 74	 First-Year Seminar: Introduction to Constitutional Conflicts	3	RELI 75	 First-Year Seminar: Sacrifice and Surrender	3
POLI 75	 First-Year Seminar: Thinking about Law	3	RELI 76	 First-Year Seminar: Money and Morality: Divining Value in Social Life	3
POLI 76	 First-Year Seminar: The Obama Presidency	3			
POLI 77	 Immigrants and Refugees in World Politics	3			















RELI 77	 First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence	3	SOCI 53	 First-Year Seminar: The Consequences of Welfare Reform and Prospects for the Future	3
RELI 78	 First-Year Seminar: Reading the Bible: Now and Then	3	SOCI 57	 First-Year Seminar: Rationalization and the Changing Nature of Social Life in 21st-Century America ^H	3
RELI 79	 First-Year Seminar: Human Animals in Religion and Ethics	3	SOCI 58	 First-Year Seminar: Globalization, Work, and Inequality	3
RELI 80	 First-Year Seminar: Religion and Writing in the Ancient World	3	SOCI 69	 First-Year Seminar: Human Societies and Genomics	3
RELI 85	 First-Year Seminar: Sex, Marriage, and Family in Religion	3	SOCI 71	 First-Year Seminar: The Pursuit of Happiness ^H	3
RELI 87	 First-Year Seminar: Confessions	3	SOCI 72	 First-Year Seminar: Race and Ethnicity in the United States	3
RELI 88	 First-Year Seminar: Religion and Society in Historical Novels	3	SOCI 89	 First-Year Seminar: Special Topics ^H	3
RELI 89	 First-Year Seminar: Special Topics ^H	3	SOWO 89	 First-Year Seminar: Special Topics	3
ROML 50	 First-Year Seminar: The Art and Science of Language: Orality and Literacy in the Information Age	3	SPHG 89	 First-Year Seminar: Special Topics	3
ROML 51	 First-Year Seminar: National and Cultural Identities in the Romance Areas ^H	3	STOR 52	 First-Year Seminar: Decisions, Decisions, Decisions	3
ROML 52	 First-Year Seminar: The Value of Language in Identity: Hispanics in the United States	3	STOR 53	 FYS: Networks: Degrees of Separation and Other Phenomena Relating to Connected Systems	3
ROML 53	 First-Year Seminar: Oral Histories of Our Local Hispanic Community	3	STOR 54	 First-Year Seminar: Adventures in Statistics	3
ROML 54	 First-Year Seminar: Issues in Francophone Literature	3	STOR 55	 First-Year Seminar: Risk and Uncertainty in the Real World	3
ROML 55	 First-Year Seminar: Writing with an Accent: Latino Literature and Culture ^H	3	STOR 56	 First-Year Seminar: The Art and Science of Decision Making in War and Peace	3
ROML 56	 First-Year Seminar: Italians in Search of Harmony	3	STOR 60	 First-Year Seminar: Statistical Decision-Making Concepts	3
ROML 58	 First-Year Seminar: Mexican Women across Borders and Genres	3	STOR 61	 First-Year Seminar: Statistics for Environmental Change	3
ROML 60	 First-Year Seminar: Spanish and Entrepreneurship: Language, Culture, and North Carolina Communities	3	STOR 62	 First-Year Seminar: Probability and Paradoxes	3
ROML 61	 First-Year Seminar: Language in Autism and Developmental Disorders	3	STOR 63	 FYS: Statistics, Biostatistics, and Bioinformatics: An Introduction to the Ongoing Evolution	3
ROML 62	 First-Year Seminar: What Happened to Latin?	3	STOR 64	 First-Year Seminar: A Random Walk down Wall Street	3
ROML 63	 First Year Seminar: Forging Alliances: Religion, War, and Cultural Transference on the Camino	3	STOR 66	 First-Year Seminar: Visualizing Data	3
ROML 70	 First-Year Seminar: Jewish Spain: History and Culture Across the Hispanic World	3	STOR 72	 First-Year Seminar: Unlocking the Genetic Code	3
ROML 71	 First-Year Seminar: Asia in Iberian Converso Literature, 1500s-1650s	3	STOR 89	 First-Year Seminar: Special Topics	3
ROML 75	 First-Year Seminar: Discovering Animals: Culture and Creativity	3	WGST 51	 First-Year Seminar: Race, Sex, and Place in America	3
ROML 89	 First-Year Seminar: Special Topics ^H	3	WGST 56	 First-Year Seminar: Writing Women in Modern China ^H	3
SCLL 85	 First-Year Seminar: What Does it Mean to be a Good Citizen?	3	WGST 64	 Plantation Lullabies: Literature by and about African American Women	3
SCLL 89	 First-Year Seminar: Special Topics ^H	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 89	 First-Year Seminar: Special Topics ^H	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.

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
Approved Courses		
APPL 110	 Design and Making for Engineers: Developing Your Personal Design Potential	3
BIOL 101	 Principles of Biology ^H	3
BIOL 103	 How Cells Function	3
BIOL 104	 Biodiversity ^H	3
BIOL 202	 Molecular Biology and Genetics ^H	4
CHEM 101	 General Descriptive Chemistry I ^H	3
CHEM 102	 General Descriptive Chemistry II ^H	3
COMM 120	 Introduction to Interpersonal and Organizational Communication ^H	3
COMM 140	 Introduction to Media History, Theory, and Criticism ^H	3
DRAM 120	 Play Analysis ^H	3
ECON 101	 Introduction to Economics ^H	4
EDUC 181	 Introduction to Human Development and Family Science	3
EDUC 309	 Foundations of Leadership	3
EMES 101	 Planet Earth	3
EMES 103	 The Marine Environment	3
ENEC 201	 Introduction to Environment and Society ^H	4
ENGL 121	 British Literature, 19th and Early 20th Century ^H	3
ENGL 129	 Literature and Cultural Diversity ^H	3
EXSS 155	 Human Anatomy and Physiology I ^H	3
EXSS 175	 Human Anatomy	3
GEOG 130	 Development and Inequality: Global Perspectives	3
GLBL 221	 The Migratory Experience	3
MATH 130	 Precalculus Mathematics	3
MATH 152	 Calculus for Business and Social Sciences	3
MATH 231	 Calculus of Functions of One Variable I ^H	4
MATH 232	 Calculus of Functions of One Variable II ^H	4
MATH 233	 Calculus of Functions of Several Variables ^H	4
MATH 347	 Linear Algebra for Applications	3
MNGT 120	 Introduction to Interpersonal and Organizational Communication ^H	3
MUSC 120	 Foundations in Music	3

NSCI 175	 Introduction to Neuroscience ^H	3
PHYS 114	 General Physics I: For Students of the Life Sciences	4
PHYS 115	 General Physics II: For Students of the Life Sciences	4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^H	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^H	4
POLI 100	 American Democracy in Changing Times ^H	3
POLI 130	 Introduction to Comparative Politics ^H	3
POLI 150	 International Relations and Global Politics ^H	3
PSYC 101	 General Psychology	3
PWAD 150	 International Relations and Global Politics ^H	3
SCLL 201	 Practice of Civic Life and Leadership	3
SOCI 101	 Sociological Perspectives ^H	3
STOR 120	 Foundations of Statistics and Data Science ^H	4
STOR 155	 Introduction to Data Models and Inference ^H	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 Language

Students are required to complete courses or demonstrate proficiency in the study of a foreign language through level 3. Certain majors may require additional levels of foreign language study. Students are strongly encouraged to begin this requirement in their first or second semester.

By way of foreign language study through level 3, students consider the nature and structure of their native language and reflect upon their own cultural norms while gaining functional linguistic proficiency in the language of study, as well as an appreciation of the cultures and worldviews represented.

Global language (through level 3) is a required First-Year Foundations course in the IDEAs in Action curriculum (p. 635).

Approved Courses (Level 3)

Code	Title	Hours
ARAB 203	 Intermediate Arabic I	4
BCS 403	 Intermediate Bosnian-Croatian-Serbian Language I	3
CHER 203	 Intermediate Cherokee Language I	3
CHIN 203	 Intermediate Chinese I	4
CHIN 212	 Intermediate Written Chinese	3
CHWA 403	 Intermediate Chichewa I	3
CZCH 403	 Intermediate Czech I	3
DTCH 403	 Intermediate Dutch	3
FREN 203	 Intermediate French I ^H	3

FREN 402	 Intermediate Accelerated French	3
GERM 203	 Intermediate German I ^H	3
GREK 203	 Intermediate Greek I	3
HEBR 203	 Intermediate Modern Hebrew I	3
HNUR 203	 Intermediate Hindi-Urdu I	4
HUNG 403	 Intermediate Hungarian Language	3
ITAL 203	 Intermediate Italian I	3
ITAL 402	 Intermediate Accelerated Italian	3
JAPN 203	 Intermediate Japanese I	4
JWST 203	 Intermediate Modern Hebrew I	3
KOR 203	 Intermediate Korean I	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
ROML 462	 Intermediate Accelerated Romanian	3
RUSS 203	 Intermediate Russian Communication I	3
SPAN 203	 Intermediate Spanish I ^H	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

^H 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

Students develop the ability to analyze literature and/or other artistic works, to understand how they relate to the historical circumstances of their creation, and to think critically about the past, present, and future contributions of these works to a shared world.

Aesthetic and Interpretive Analysis (FC-AESTH) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 635).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).

Approved Courses

Code	Title	Hours
AAAD 51	 First-Year Seminar: Masquerades of Blackness	3
AAAD 53	 First-Year Seminar: Experimentalism in Global Black Music and Performance Arts	3
AAAD 201	 Introduction to African Literature	3
AAAD 202	 Africa Through Film	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 340	 Diaspora Art and Cultural Politics	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 ^H	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 289	 Jewish American Literature and Culture	3

AMST 338	 American Indian Novel	3	ARTH 274	 European Baroque Art	3
AMST 354	 Asian American Graphic Form	3	ARTH 275	 18th-Century Art	3
AMST 365	 Women and Detective Fiction: From Miss Violet Strange to Veronica Mars	3	ARTH 277	 Art and Architecture of Viceregal Latin America	3
AMST 371	 LGBTQ Film and Fiction from 1950 to the Present	3	ARTH 279	 The Arts in England, 1450-1650 ^H	3
AMST 483	 Seeing the USA: The Film Director as Public Intellectual	3	ARTH 282	 Modern Art in Europe 1850-1900: Realism, Impressionism, Post-Impressionism	3
AMST 489	 Writing Material Culture	3	ARTH 283	 Picturing Paris: 1800-2000	3
ANTH 120	 Anthropology through Expressive Cultures	3	ARTH 284	 Modern Art in Europe 1900-1960: Avant-Gardes and Politics	3
ANTH 202	 Everyday Cultures: Folklore in America	3	ARTH 285	 Art Since 1960 ^H	3
ANTH 272	 Healing in Ethnography and Literature	3	ARTH 287	 African American Art Survey	3
ANTH 356	 Artisans and Global Culture: Economic, Historical, Experiential, and Cross-Cultural Dimensions ^H	3	ARTH 297	 Clothing and Textiles in Africa	3
ANTH 406	 Native Writers	3	ARTH 299	 Arts of West Africa	3
ARAB 150	 Introduction to Arab Cultures	3	ARTH 302	 Fashioning Identities	3
ARAB 151	 Arabic Literature through the Ages	3	ARTH 306	 Loving Your Local Art Scene	3
ARAB 211	 Arab Comics	3	ARTH 310	 From Charlemagne to Bauhaus: German Art and Architecture from the Middle Ages to Modern Time	3
ARAB 337	 Borders and Walls in the Arab World	3	ARTH 320	 Chinese Landscape Representation in the Second Millennium	3
ARAB 409	 Performing Arts in the Arab World	3	ARTH 330	 Art, History, and the Modern Museum	3
ARAB 410	 Visual Arts in the Arab World	3	ARTH 360	 The Art of Dying Well: Death and Commemoration in the Middle Ages and Early Modern Times	3
ARAB 434	 Modern Arabic Literature in Translation	3	ARTH 368	 The Renaissance Portrait	3
ARAB 453	 Film, Nation, and Identity in the Arab World	3	ARTH 370	 Visual Art in the Age of Revolution	3
ARTH 54	 First-Year Seminar: Art, War, and Revolution ^H	3	ARTH 380	 Life and Art in Ancient Pompeii	3
ARTH 55	 First-Year Seminar: Art, Gender, and Power in Early Modern Europe ^H	3	ARTH 383	 Everything You Ever Wanted to Know About Modern Architecture But Were Afraid to Ask	3
ARTH 61	 First-Year Seminar: African American Art of the Carolinas	3	ARTH 387	 20th-Century African American Art	3
ARTH 150	 The Visual World ^H	3	ARTH 391	 Undergraduate Research Seminar	3
ARTH 152	 Art in Life: An Introduction to Western Art from the Renaissance to the Modern Period ^H	3	ARTH 401	 Seen, Unseen, and Suggested: Representation and Hollywood Film Censorship	3
ARTH 155	 African Art Survey	3	ARTH 420	 Constructing Femininity: Women in Chinese Painting	3
ARTH 156	 Introduction to Architecture	3	ARTH 446	 The Invention of the Modern Artist	3
ARTH 159	 The Film Experience: Introduction to the Visual Study of Film	3	ARTH 457	 Studies in the History of Graphic Art	3
ARTH 161	 Introduction to American Art	3	ARTH 465	 Roman Architecture	3
ARTH 200	 Art and Fashion from Rome to Timbuktu	3	ARTH 469	 Art of the Aztec Empire	3
ARTH 201	 Making Material Histories: A Makerspace Course	3	ARTH 473	 Early Modern and Modern Decorative Arts	3
ARTH 242	 Egyptian Art and Archaeology	3	ARTH 474	 Roman Sculpture	3
ARTH 244	 Greek Art and Archaeology	3	ARTH 476	 Roman Painting	3
ARTH 247	 Roman Art and Archaeology	3	ARTH 482	 Art and Archaeology of Achaemenid Persia	3
ARTH 267	 Latin American Modernisms	3	ARTH 484	 Culture on the Move: Art, Empire, and Restitution since 1800	3
ARTH 268	 Hellenistic Art and Archaeology (350-31 BCE)	3	ARTH 485	 Art of the Harlem Renaissance	3
ARTH 272	 Northern European Art: Van Eyck to Bruegel	3	ARTH 488	 Contemporary African Art	3

ARTH 514	 Monuments and Memory	3	ASIA 124	 Iranian Post-1979 Cinema	3
ARTH 557	 Art and Money	3	ASIA 126	 Introduction to Persian Literature	3
ARTH 588	 Current Issues in Art	3	ASIA 127	 Iranian Women Writers	3
ARTH 592	 History and Theory of Museums	3	ASIA 163	 Hindi-Urdu Poetry in Performance	3
ARTS 50	 First-Year Seminar: The Artistic Temperament ^H	3	ASIA 164	 Music of South Asia	3
ARTS 59	 First-Year Seminar: Time, A Doorway to Visual Expression	3	ASIA 228	 Contested Souls: Literature, the Arts, and Religious Identity in Modern India	3
ARTS 82	 First-Year Seminar: Please Save This: Exploring Personal Histories through Visual Language	3	ASIA 231	 Bollywood Cinema	3
ARTS 103	 Sculpture I	3	ASIA 235	 Israeli Cinema: Gender, Nation, and Ethnicity ^H	3
ARTS 105	 Photography I ^H	3	ASIA 255	 The Feast in Film, Fiction, and Philosophy ^H	3
ARTS 115	 Darkroom Photography I	3	ASIA 256	 Love in Classical Persian Poetry	3
ARTS 132	 Collage: Strategies for Thinking and Making	3	ASIA 262	 Nation, Film, and Novel in Modern India	3
ARTS 202	 Painting I	3	ASIA 320	 Chinese Landscape Representation in the Second Millennium	3
ARTS 205	 Photography II	3	ASIA 332	 The Story of Rama in India	3
ARTS 214	 Life Drawing	3	ASIA 342	 Cultural Productions of East Asia	3
ARTS 215	 Darkroom Photography II	3	ASIA 360	 Contemporary Asian American Literature and Theory	3
ARTS 233	 Wood Sculpture	3	ASIA 379	 Cowboys, Samurai, and Rebels in Film and Fiction ^H	3
ARTS 243	 Metal Sculpture	3	ASIA 380	 Almost Despicable Heroines in Japanese and Western Literature	3
ARTS 306	 Loving Your Local Art Scene	3	ASIA 382	 The Story of Rama in Indian Culture--Experiential	3
ARTS 322	 Narrative Painting	3	ASIA 420	 Constructing Femininity: Women in Chinese Painting	3
ARTS 323	 Sculpture Garden: Art in the Public and Projects of Scale	3	ASIA 431	 Persian Sufi Literature	3
ARTS 343	 MAKE: Art in the (New) Age	3	ASIA 435	 The Cinemas of the Middle East and North Africa	3
ARTS 353	 Phantasmagoria: Haunted Art, History, and Installation	3	ASIA 442	 Postcolonial Literature of the Middle East	3
ARTS 355	 The Practice of Representation: Portraiture in Photography	3	ASIA 483	 Cross-Currents in East-West Literature	3
ARTS 363	 At the Radical Edge of Life: Art, Space, and Ecology	3	ASIA 522	 Beauty and Power in the Classical Indian World	3
ARTS 364	 The Walking Seminar: A Territorial Investigation	3	ASIA 584	 The Qur'an as Literature	3
ARTS 373	 Art, Rites and Rituals of Pilgrimage	3	CHIN 238	 From Martial Arts to Street Dance: Rebellion with Chinese Characteristics	3
ARTS 410	 Public Art	3	CHIN 242	 Chinese Qin Music	3
ASIA 52	 First-Year Seminar: Food in Chinese Culture	3	CHIN 247	 Indigenous Spiritualities in Literatures of China and Taiwan ^H	3
ASIA 55	 First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture	3	CHIN 255	 Bandit or Hero: Outlawry in Chinese Literature and Films	3
ASIA 56	 First-Year Seminar: Writing Women in Modern China ^H	3	CHIN 361	 Chinese Traditional Theater	3
ASIA 61	 First-Year Seminar: A Tour of South Asia's Regional Art Cinemas	3	CHIN 367	 Illustration and the Animation of Text	3
ASIA 72	 First-Year Seminar: Transnational Korea: Literature, Film, and Popular Culture	3	CHIN 407	 Readings in Modern Chinese I	3
ASIA 74	 First-Year Seminar: Imagining Palestine	3	CHIN 464	 The City in Modern Chinese Literature and Film	3
ASIA 75	 First-Year Seminar: Love in China	3	CHIN 480	 Queering China	3
ASIA 77	 First-Year Seminar: Women and Performance in Transnational Asia	3	CHIN 510	 Introduction to Classical Chinese	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 ^H	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 ^H	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 ^H	3
CLAR 247	 Roman Art and Archaeology	3	CMPL 223	 Global Authors: Cervantes	3
CLAR 248	 Italy Before the Romans	3	CMPL 225	 Global Authors: The Worlds of Shakespeare	3
CLAR 268	 Hellenistic Art and Archaeology (350-31 BCE)	3	CMPL 227	 Global Authors: The Middle Ages in World Cinema	3
CLAR 380	 Life and Art in Ancient Pompeii	3	CMPL 230	 Global Crusoe: The Desert-Island Idea in Film and Fiction	3
CLAR 465	 Roman Architecture	3	CMPL 237	 Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	3
CLAR 474	 Roman Sculpture	3	CMPL 238	 From Martial Arts to Street Dance: Rebellion with Chinese Characteristics	3
CLAR 475	 Provinces and Frontiers of the Roman Empire	3	CMPL 240	 Introduction to Film Theory	3
CLAR 476	 Roman Painting	3	CMPL 246	 Body Politics in Modern Korean Literature ^H	3
CLAR 480	 Egypt after the Pharaohs	3	CMPL 247	 Indigenous Spiritualities in Literatures of China and Taiwan ^H	3
CLAR 482	 Art and Archaeology of Achaemenid Persia	3	CMPL 250	 Approaches to Comparative Literature ^H	3
CLAS 67	 First-Year Seminar: Helen of Troy: From Homer to Hollywood	3	CMPL 251	 Introduction to Literary Theory	3
CLAS 121	 The Greeks ^H	3	CMPL 254	 Horror and the Global Gothic: Film, Literature, Theory	3
CLAS 122	 The Romans ^H	3	CMPL 255	 The Feast in Film, Fiction, and Philosophy ^H	3
CLAS 131	 Classical Mythology ^H	3	CMPL 256	 Love in Classical Persian Poetry	3
CLAS 240	 Women in Greek Art and Literature ^H	3	CMPL 257	 The Crisis of Modernity in World Cinema	3
CLAS 254	 Alexander and the Hellenistic World	3	CMPL 259	 Ideology and Aesthetics: Marxism and Literature	3
CLAS 257	 Augustus and Rome ^H	3	CMPL 260	 Landscape: Re-Imagining the Natural World	3
CLAS 362	 Greek Tragedy ^H	3	CMPL 262	 Film and Politics	3
CLAS 363	 Latin and Greek Lyric Poetry in Translation ^H	3	CMPL 263	 European Exile Cinema	3
CMPL 55	 First-Year Seminar: Comics as Literature	3	CMPL 266	 Weimar Cinema	3
CMPL 62	 Curiosity and the Birth of the Imagination	3	CMPL 268	 Auteur Cinema	3
CMPL 120	 Great Books I: Epic and Lyric Traditions	3	CMPL 272	 History of German Cinema	3
CMPL 121	 Great Books I: Romancing the World ^H	3	CMPL 275	 Literature of Pilgrimage	3
CMPL 122	 Great Books I: Visual Arts and Literature from Antiquity to 1750 ^H	3	CMPL 277H	 Myth, Fable, Novella: The Long History of the Short Story	3
CMPL 123	 Great Books I: Politics and Literature from Antiquity to 1750	3			
CMPL 124	 Great Books I: Science and Literature from Antiquity to 1750	3			
CMPL 130	 Great Books II ^H	3			

CMPL 279	 Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3	CMPL 483	 Cross-Currents in East-West Literature	3
CMPL 280	 Film Genres	3	CMPL 485	 Approaches to 20th-Century Narrative	3
CMPL 282	 Russian Literature in World Cinema	3	CMPL 487	 Literature and the Arts of Love	3
CMPL 288	 Graphic Medicine: The Intersection of Health and Comics	3	CMPL 495	 Advanced Seminar	3
CMPL 317	 Myth, Fable, Novella: The Long History of the Short Story ^H	3	CMPL 520	 Cinema, Painting, and The Frame	3
CMPL 374	 Modern Women Writers	3	CMPL 535	 The Cinemas of the Middle East and North Africa	3
CMPL 375	 New Wave Cinema: Its Sources and Its Legacies	3	CMPL 545	 Chinese Science Fiction	3
CMPL 377	 The World of the Beat Generation: Transcultural Connections	3	CMPL 547	 Documenting Diasporas: Korean Diasporas in Films and Documentaries	3
CMPL 379	 Cowboys, Samurai, and Rebels in Film and Fiction ^H	3	CMPL 558	 The Lives and Times of Medieval Corpses	3
CMPL 380	 Almost Despicable Heroines in Japanese and Western Literature	3	CMPL 579	 What is a Medium? German Media Theory from Aesthetics to Cultural Techniques	3
CMPL 382	 Film and Nature	3	CMPL 622	 Medieval Cosmopolitanisms	3
CMPL 386	 Adolescence in 20th- and 21st-Century Literature	3	CMPL 685	 Literature of the Americas	3
CMPL 395	 Research, Creativity, and Innovation in the Humanities	3	COMM 62	 First-Year Seminar: African American Literature and Performance	3
CMPL 420	 Film, Photography, and the Digital Image	3	COMM 142	 Popular Music	3
CMPL 421	 Avant-Garde Cinema and Experimental Film	3	COMM 150	 Introduction to New Media	3
CMPL 442	 Postcolonial Literature of the Middle East	3	COMM 263	 Performing Literature ^H	3
CMPL 450	 Major Works of 20th-Century Literary Theory	3	COMM 288	 Media Studies of Japan	3
CMPL 453	 The Erotic Middle Ages	3	COMM 330	 Introduction to Writing for Film and Television	3
CMPL 454	 Literature of the Continental Renaissance in Translation ^H	3	COMM 335	 Film Story Analysis	3
CMPL 456	 The 18th-Century Novel	3	COMM 337	 Visual Storytelling for Screenwriters	3
CMPL 460	 Transnational Romanticism: Romantic Movements in Europe and the Americas	3	COMM 345	 Gender and Film	3
CMPL 462	 Realism and Naturalism	3	COMM 378	 Environmental Filmmaking: Creative Production and Social Impact	3
CMPL 463	 Cinema and Surrealism	3	COMM 430	 History of American Screenwriting	3
CMPL 466	 Modernism	3	COMM 434	 TV Structure and Genre	3
CMPL 467	 Contemporary German and Austrian Cinema	3	COMM 437	 United States Black Culture and Performance	3
CMPL 468	 Aestheticism	3	COMM 464	 Collaborative Performance ^H	3
CMPL 469	 Milan Kundera and World Literature	3	COMM 534	 Aesthetic and Technical Considerations in Making Short Videos	3
CMPL 470	 Concepts and Perspectives of the Tragic	3	COMM 561	 Performance of Women of Color ^H	3
CMPL 472	 The Drama from Ibsen to Beckett	3	COMM 653	 Experimental Video	3
CMPL 473	 Drama, Pageantry, and Spectacle in Medieval Europe	3	COMM 656	 Sound for Film and Video: Theory and Practice for Motion Picture Sound Design	3
CMPL 474	 Words and Pictures: Literature and Photography in the 20th Century	3	COMM 661	 Race and Ethnicity	3
CMPL 477	 Wicked Desire: Vladimir Nabokov, Lolita, on Page and Screen	3	COMM 662	 Black/African Diaspora Performance	3
CMPL 480	 Queering China	3	COMM 681	 Contemporary Film Theory	3
			CZCH 469	 Milan Kundera and World Literature	3
			DRAM 81	 First-Year Seminar: Staging America: The American Drama ^H	3
			DRAM 115	 Perspectives in Drama ^H	3
			DRAM 116	 Perspectives in the Theatre: Page to Stage ^H	3

DRAM 120	 Play Analysis ^H	3	ENGL 74	 First-Year Seminar: Epic/Anti-Epic in Western Literature	3
DRAM 151	 Introduction to the American Stage Musical	3	ENGL 79	 First-Year Seminar: Globalization/Global Asians	3
DRAM 220	 Theatre Histories	3	ENGL 85	 First-Year Seminar: Economic Saints and Villains ^H	3
DRAM 277	 Introduction to Theatrical Design	3	ENGL 86	 First-Year Seminar: The Cities of Modernism	3
DRAM 281	 Theatre History and Literature I	3	ENGL 87	 First-Year Seminar: Jane Austen, Then and Now ^H	3
DRAM 282	 Theatre History and Literature II	3	ENGL 88	 First Year Seminar: The Legacy of the Japanese American Internment: from WWII to 9/11	3
DRAM 283	 Theatre History and Literature III	3	ENGL 112	 One Big Book That's Worth It	3
DRAM 285	 Modern British Drama ^H	3	ENGL 113	 Introduction to Critical Game Studies	3
DRAM 287	 African American Theatre	3	ENGL 119	 Picture This: Principles of Visual Rhetoric	3
DRAM 292	 "Corner of the Sky": The American Musical	3	ENGL 120	 British Literature, Medieval to 18th Century ^H	3
DRAM 294	 Arts Criticism	3	ENGL 121	 British Literature, 19th and Early 20th Century ^H	3
DRAM 300	 Directing	3	ENGL 122	 Introduction to American Literature ^H	3
DRAM 350	 Advanced Acting for the Major	3	ENGL 123	 Introduction to Fiction ^H	3
DRAM 370	 Exploring Costumes in Film	3	ENGL 124	 Contemporary Literature	3
DRAM 466	 Scene Design	3	ENGL 125	 Introduction to Poetry	3
DRAM 467	 Costume Design I	3	ENGL 126	 Introduction to Drama	3
DRAM 486	 Latin American Theatre	3	ENGL 127	 Writing about Literature	3
DRAM 488	 United States Latino/a Theatre	3	ENGL 128	 Major American Authors	3
EDUC 507	 Arts, Education, and Social Change	3	ENGL 129	 Literature and Cultural Diversity ^H	3
EDUC 518	 Exploring Public Pedagogies through Popular Culture	3	ENGL 140	 Introduction to Gay and Lesbian Culture and Literature	3
EDUC 567	 Children's Literature in Elementary and Middle Schools	3	ENGL 141	 World Literatures in English	3
ENEC 205	 Environmental Humanities	3	ENGL 142	 Film Analysis ^H	3
ENGL 52	 First-Year Seminar: Computers and English Studies ^H	3	ENGL 143	 Film and Culture	3
ENGL 53	 First-Year Seminar: Slavery and Freedom in African American Literature and Film	3	ENGL 144	 Popular Genres	3
ENGL 54	 First-Year Seminar: The War to End All Wars? The First World War and the Modern World ^H	3	ENGL 146	 Science Fiction/Fantasy/Utopia ^H	3
ENGL 55	 First-Year Seminar: Reading and Writing Women's Lives ^H	3	ENGL 147	 Mystery Fiction	3
ENGL 57	 First-Year Seminar: Future Perfect: Science Fictions and Social Form ^H	3	ENGL 148	 Horror	3
ENGL 59	 First-Year Seminar: Black Masculinity and Femininity	3	ENGL 150	 Introductory Seminar in Literary Studies	3
ENGL 63	 First-Year Seminar: Banned Books ^H	3	ENGL 152	 Twentieth-Century American Literature ^H	3
ENGL 66	 First-Year Seminar: Blake 2.0: William Blake in Popular Culture	3	ENGL 153	 Sex, Gender, and Sexuality in the Premodern World	3
ENGL 69	 First-Year Seminar: Entrepreneurial on the Web	3	ENGL 155	 The Visual and Graphic Narrative	3
ENGL 70	 First-Year Seminar: Courtly Love, Then and Now	3	ENGL 161	 Literature of War from World War I to the 21st Century	3
ENGL 71	 First-Year Seminar: Healers and Patients ^H	3	ENGL 163	 Introduction to Health Humanities	3
ENGL 72	 First-Year Seminar: Literature of 9/11	3	ENGL 164	 Introduction to Latina/o Studies ^H	3
ENGL 73	 First-Year Seminar: Literature of War from World War I to the 21st Century	3	ENGL 184	 Children's Literature in Contemporary Society	3
			ENGL 202	 Everyday Cultures: Folklore in America	3
			ENGL 214	 Writing Flash Fiction	3
			ENGL 218	 American Poetry ^H	3




ENGL 219	 The American Novel ^H	3	ENGL 287	 Black Horror and the Moving Image	3
ENGL 220	 American Literature, Before 1900 ^H	3	ENGL 288	 Literary Modernism	3
ENGL 221	 American Literature, 1900-2000 ^H	3	ENGL 289	 Jewish American Literature and Culture	3
ENGL 223	 Chaucer ^H	3	ENGL 291	 Picture Books ^H	3
ENGL 224	 Survey of Medieval English Literature, excluding Chaucer ^H	3	ENGL 292	 Youth in Culture	3
ENGL 225	 Shakespeare ^H	3	ENGL 301	 Professional Writing in the Arts	3
ENGL 226	 Renaissance Drama ^H	3	ENGL 310	 Fairy Tales	3
ENGL 227	 Literature of the Earlier Renaissance ^H	3	ENGL 323	 American Cinema of the 1970s: New Hollywood	3 Beyond
ENGL 230	 Milton ^H	3	ENGL 325	 Shakespeare and His Contemporaries ^H	3
ENGL 233	 Contemporary Approaches to 18th-Century Literature and Culture ^H	3	ENGL 327	 Renaissance Literature and Its Intellectual Contexts	3
ENGL 234	 The British Novel from 1870 to World War II ^H	3	ENGL 329	 Medieval Feminisms	3
ENGL 235	 Studies in Jane Austen	3	ENGL 330	 Perspectives on the Renaissance	3
ENGL 236	 18th-Century Fiction ^H	3	ENGL 331	 18th-Century Literature ^H	3
ENGL 238	 19th-Century British Novel ^H	3	ENGL 337H	 The Romantic Revolution in the Arts	3
ENGL 241	 Studies in Oscar Wilde	3	ENGL 346	 U.S. Literature on Page and Screen ^H	3
ENGL 242	 Victorian Literature—Contemporary Issues	3	ENGL 356	 British and American Fiction Since World War II ^H	3
ENGL 244	 Queer Cinema	3	ENGL 358	 Contemporary US Poetry	3
ENGL 249	 Romantic Literature—Contemporary Issues ^H	3	ENGL 360	 Contemporary Asian American Literature and Theory	3
ENGL 251	 Film Performance and Stardom	3	ENGL 361	 Asian American Women's Writing	3
ENGL 252	 National and Transnational Cinemas	3	ENGL 362	 Asian American Literature and History ^H	3
ENGL 253	 Space and Place in Literature/Film ^H	3	ENGL 363	 Feminist Literary Theory ^H	3
ENGL 255	 Introduction to Media Studies	3	ENGL 367	 African American Literature to 1930 ^H	3
ENGL 256	 Crafting the Dramatic Film: Theory Meets Practice ^H	3	ENGL 369	 African American Literature, 1970 to the Present ^H	3
ENGL 257	 Video Games and Narrative Cinema	3	ENGL 370	 Race, Health, and Narrative ^H	3
ENGL 260	 Film Sound and the Art of Listening	3	ENGL 371	 The Place of Asian Americans in Southern Literature ^H	3
ENGL 261	 An Introduction to Literary Criticism ^H	3	ENGL 373	 Southern American Literature ^H	3
ENGL 264	 Healing in Ethnography and Literature	3	ENGL 374	 Southern Women Writers	3
ENGL 265	 Literature and Race, Literature and Ethnicity ^H	3	ENGL 377	 Introduction to the Celtic Cultures	3
ENGL 266	 Science and Literature ^H	3	ENGL 378	 Film Criticism	3
ENGL 267	 Growing Up Latina/o	3	ENGL 380	 Topics In Film History ^H	3
ENGL 268	 Medicine, Literature, and Culture ^H	3	ENGL 381	 Literature and Cinema ^H	3
ENGL 270	 Studies in Asian American Literature	3	ENGL 382	 Literature and Media ^H	3
ENGL 271	 Mixed-Race America: Race in Contemporary American Literature and Culture	3	ENGL 385	 Literature and Law	3
ENGL 274	 Drama: PlayMakers Current Season	3	ENGL 386	 Gender, Sexuality, and the South Asian Diaspora	3
ENGL 275	 Founding Fictions: Democracy and American Literature	3	ENGL 388	 Modernism: Movements and Moments	3
ENGL 278	 Irish Writing, 1800-2000	3	ENGL 389	 Major Film Directors	3
ENGL 282	 Travel Literature ^H	3	ENGL 390	 Studies in Literary Topics ^H	3
ENGL 283	 Life Writing ^H	3	ENGL 391	 Storytelling in Film and TV	3
ENGL 284	 Reading Children's Literature ^H	3	ENGL 399	 Cinema and the Museum	3

ENGL 403	 Rhetoric in the Museum ^H	3	FOLK 472	 Traditions in Transition: Jewish Folklore and Ethnography	3
ENGL 410	 Documentary Film ^H	3	FOLK 476	 Graffiti, Gods, and Gardens: Urban Folklore	3
ENGL 425	 Literature, Archives, and Original Research	3	FOLK 480	 Vernacular Traditions in African American Music	4
ENGL 430	 Renaissance Literature—Contemporary Issues	3	FOLK 481	 Jewish Belonging/s: The Material Culture of Jewish Experience	3
ENGL 437	 Chief British Romantic Writers ^H	3	FOLK 487	 Everyday Stories: Personal Narrative and Legend	3
ENGL 444	 American Literature, 1860-1900—Contemporary Issues ^H	3	FOLK 502	 Myths and Epics of the Ancient Near East ^H	3
ENGL 445	 American Literature, 1900-2000—Contemporary Issues ^H	3	FREN 65	 First-Year Seminar: La mode: Fashion in French Culture	3
ENGL 446	 American Women Authors ^H	3	FREN 186	 Food for Thought: Cultures of Cuisine in Modern France	3
ENGL 447	 Memory and Literature	3	FREN 204	 Intermediate French II in Context ^H	3
ENGL 464	 Latinx Hybrid Narrative: Experimental Fiction and Film	3	FREN 260	 Literature and the French-Speaking World ^H	3
ENGL 466	 Literary Theory—Contemporary Issues ^H	3	FREN 280	 French "Discoveries" of the Americas in Translation	3
ENGL 467	 Educating Latinas/os: Preparing SLI Mentors	3	FREN 288	 Francophone Caribbean Literature in Translation	3
ENGL 472	 African American Literature—Contemporary Issues ^H	3	FREN 312	 French University Methodology through Literature	3
ENGL 487	 Everyday Stories: Personal Narrative and Legend	3	FREN 315	 Imposteur!: Faking and False Identities in French and Francophone Drama and Film	3
ENGL 494	 Research Methods in Film Studies	3	FREN 351	 Bandes dessinées / Comics and Graphic Novels	3
ENGL 610	 Practicum in Health Humanities	3	FREN 357	 Les jeux - Games	3
ENGL 611	 Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar	3	FREN 370	 French and Francophone Studies to 1789	3
ENGL 620	 Introduction to Old English Language and Literature	3	FREN 372	 French and Francophone Studies since 1789	3
ENGL 630	 Shakespeare and His Contemporaries	3	FREN 387	 Paris/Versailles: The Court and the City in the 17th Century	3
ENGL 638	 19th-Century Women Writers	3	FREN 436	 Currents in Caribbean Literature	3
ENGL 659	 War in 20th-Century Literature ^H	3	GERM 204	 Essential German for Advanced Proficiency: Vielfalt in Practice ^H	3
ENGL 665	 Queer Latina/o Literature, Performance, and Visual Art	3	GERM 215	 Germanic Heroic Legend: Heroes and Villains, Monsters and Marauders	3
ENGL 666	 Queer Latina/o Photography and Literature	3	GERM 244	 Reason and Passion in German Literature and Thought	3
ENGL 670	 Being and Race in African American Literature	3	GERM 247	 Music, Madness, and Genius: The Pathologies of German Musical Literature	3
ENGL 680	 Film Theory	3	GERM 255	 The Twilight of the World: Ecological Crises in German Literature and Film	3
ENGL 681	 Topics in Contemporary Film and Media ^H	3	GERM 263	 European Exile Cinema	3
ENGL 685	 Literature of the Americas	3	GERM 266	 Weimar Cinema	3
ENGL 687	 Queer LatinX Environmentalisms	3	GERM 268	 Auteur Cinema	3
EURO 466	 Modernism	3	GERM 272	 History of German Cinema	3
EURO 486	 Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3	GERM 274	 Representing the Holocaust: Mediating Trauma in Art and Theory	3
FOLK 77	 First-Year Seminar: The Poetic Roots of Hip-Hop: Hidden Histories of African American Rhyme ^H	3			
FOLK 202	 Everyday Cultures: Folklore in America	3			
FOLK 205	 Environmental Humanities	3			
FOLK 310	 Fairy Tales	3			

GERM 277	 Trouble in Paradise: Freedom, Democracy, Capitalism, Neutrality Through the Lens of Swiss Authors	3	GSLL 271	 Vampires and Empires	3
GERM 278	 Performance, Drama, Translation, Adaptation and Ethnographic Exchange	3	GSLL 273	 Close Your Eyes and See a Film: The Documentary in Central Europe	3
GERM 279	 Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3	GSLL 287	 Into the Streets: 1968 and Dissent in Central Europe	3
GERM 281	 The German Idea of War: Philosophical Dialogues with the Literary and Visual Arts in WWI	3	GSLL 288	 Graphic Medicine: The Intersection of Health and Comics	3
GERM 303	 German Literature and Culture	3	GSLL 295	 Research, Creativity, and Innovation in the Humanities	3
GERM 349	 Vienna-Munich-Berlin: Revolutions in German Art c. 1900	3	GSLL 435	 The Origins of Culture: Translation and Self-Translation in Hebrew, Yiddish, and Beyond	3
GERM 374	 German Theater: Words Speak as Loudly as Actions	3	GSLL 481	 Grand Hotels and Empty Fields: Inventing Central Europe through Culture	3
GERM 381	 Berlin: Mapping a (Post) Modern Metropolis	3	HIST 291	 Putting Literature and History in Dialogue ^H	3
GERM 449	 Vienna, Munich, Berlin. Revolution in German Art ca. 1900	3	HIST 302	 Movies Make History: Films as Primary Sources in Europe and America ^H	3
GERM 465	 German Guilt, Suffering and, Trauma	3	HIST 320	 Art, History, and the Modern Museum	3
GERM 467	 Contemporary German and Austrian Cinema	3	HIST 468	 Culture on the Move: Art, Empire, and Restitution since 1800	3
GERM 474	 Words and Pictures: Literature and Photography in the 20th Century	3	HIST 514	 Monuments and Memory	3
GERM 475	 Different than the Others: Stories of Queer German Liberation, 1864-2021	3	HNUR 305	 Advanced Hindi-Urdu I	3
GERM 481	 Berlin: Mapping a (Post) Modern Metropolis	3	HNUR 306	 Advanced Hindi-Urdu II	3
GERM 556	 Language Remains: Exploring the German-Jewish Dialogue	3	HNUR 408	 South Asian Media and Film	3
GERM 572	 The Fourth Dimension: The German Netflix Series "Dark" and the Mystery of Time	3	IDST 138I	 Telling Other People's Stories	3
GERM 579	 What is a Medium? German Media Theory from Aesthetics to Cultural Techniques	3	ITAL 130	 Dante's Divine Comedy	3
GSLL 50	 First-Year Seminar: Literary Fantasy and Historical Reality	3	ITAL 241	 The Renaissance Mind and Body	3
GSLL 52	 First-Year Seminar: Nature and Death: Ecological Crises in German Literature and Film	3	ITAL 333	 Italian Film and Culture	3
GSLL 69	 First-Year Seminar: Laughing and Crying at the Movies: Film and Experience	3	ITAL 335	 Themes in Italian Film	3
GSLL 75	 First-Year Seminar: The Book of Books: Literature and the Bible	3	ITAL 340	 Italian America	3
GSLL 76	 First-Year Seminar: Uncharted Territory: Underworlds in Literature and the Visual Arts	3	ITAL 372	 Poetry, Parchment, Polis	3
GSLL 80	 Not Just Dogs: Animals in Russian Literature	3	ITAL 374	 Italian Ecofiction in Global Perspective	3
GSLL 212	 "Game of Thrones" and the Worlds of the European Middle Ages	3	ITAL 385	 Italian Landscapes: Italy in the UNESCO World Heritage List	3
GSLL 259	 Ideology and Aesthetics: Marxism and Literature	3	ITAL 388	 Environmental Issues in Italian Literature and Film	3
GSLL 260	 From Berlin to Budapest: Literature, Film, and Culture of Central Europe	3	ITAL 525	 Italo Calvino in English	3
GSLL 267	 How Does It Feel? Yiddish Literature and Emotions	3	ITAL 555	 Ecology and Poetry: Italy in Continental Conversation	3
			ITAL 571	 Primo Levi in English	3
			JAPN 160	 Introduction to Japanese Literature in Translation	3
			JAPN 288	 Media Studies of Japan	3
			JAPN 412	 Making Music in Japan	3
			JAPN 414	 Manga as a Japanese Art and Culture	3
			JAPN 417	 Japanese Culture through Film and Literature	3

JAPN 489	 Women, Margin, Writing, and Transnational Japan	3	MUSC 150	 Introduction to Hip-Hop Music and Culture	3
JWST 70	 First-Year Seminar: Jewish Spain: History and Culture Across the Hispanic World	3	MUSC 151	 Introduction to the American Stage Musical	3
JWST 112	 A Global History of the Bible	3	MUSC 164	 Music of South Asia	3
JWST 212	 Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3	MUSC 188	 Introduction to Women and Music	3
JWST 235	 Israeli Cinema: Gender, Nation, and Ethnicity ^H	3	MUSC 234	 World Musics in Theory and Practice	3
JWST 267	 How Does It Feel? Yiddish Literature and Emotions	3	MUSC 248	 Gender on the Musical Stage	3
JWST 274	 Representing the Holocaust: Mediating Trauma in Art and Theory	3	MUSC 256	 Advanced Beat Making Lab	3
JWST 289	 Jewish American Literature and Culture	3	MUSC 270	 Critical Approaches to Music: Object Lessons	3
JWST 435	 The Origins of Culture: Translation and Self-Translation in Hebrew, Yiddish, and Beyond	3	MUSC 271	 Critical Approaches to Music: Critical Moves	3
JWST 469	 Coming to America: New York in Yiddish Literature and Culture	3	MUSC 286	 Music as Culture ^H	3
JWST 472	 Traditions in Transition: Jewish Folklore and Ethnography	3	MUSC 287	 Opera as Drama ^H	3
JWST 481	 Jewish Belonging/s: The Material Culture of Jewish Experience	3	MUSC 291	 Music and Politics	3
JWST 556	 Language Remains: Exploring the German-Jewish Dialogue	3	MUSC 330	 Advanced Study in Music Theory	3
JWST 602	 What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3	PHIL 60	 First-Year Seminar: Plato's Symposium and Its Influence on Western Art and Literature ^H	3
KOR 237	 Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	3	PHIL 180	 Philosophy of Humor	3
KOR 346	 Body Politics in Modern Korean Literature ^H	3	PHIL 185	 Aesthetics and the Philosophy of Art ^H	3
KOR 447	 Documenting Diasporas: Korean Diasporas in Films and Documentaries	3	PHYS 51	 First-Year Seminar: The Interplay of Music and Physics	3
LING 230	 Constructed Languages: Theory and Typology	3	PORT 310	 Advanced Communication in Portuguese: Media & Entertainment	3
LTAM 101	 Introduction to Latin American Studies	3	PORT 316	 Brazilian Performance in Music and Dance: Capoeira	3
LTAM 261	 Afro-Cuban Dance: History, Theory, and Practice	3	PORT 370	 Modern Brazil through Literature and Film in Translation	3
LTAM 291	 The Latino Experience in the United States	3	PORT 375	 Portuguese and Brazilian Fiction in Translation	3
MUSC 51	 First-Year Seminar: The Interplay of Music and Physics	3	PORT 382	 Women Writers: Brazil and Beyond	3
MUSC 121	 Fundamentals of Tonal Music I	3	PORT 385	 Verbal Art, Identities, and Nation in Portuguese-Speaking Africa	3
MUSC 132	 Tonal Theory II ^H	3	PORT 387	 Brazilian Religious Movements through Film and Literature	3
MUSC 137	 Patterns in Music	3	PORT 388	 Portuguese, Brazilian, and African Identity in Film	3
MUSC 141	 Survey of Western Music History	3	PORT 520	 Climate Change and the Cultural Imagination: Lusophone Interpretations	3
MUSC 142	 Great Musical Works	3	PWAD 161	 Literature of War from World War I to the 21st Century	3
MUSC 143	 Introduction to Rock Music	3	PWAD 235	 Israeli Cinema: Gender, Nation, and Ethnicity ^H	3
MUSC 144	 Introduction to Country Music	3	PWAD 435	 The Cinemas of the Middle East and North Africa	3
MUSC 145	 Introduction to Jazz	3	PWAD 659	 War in 20th-Century Literature ^H	3
MUSC 146	 Introduction to World Musics	3	RELI 78	 First-Year Seminar: Reading the Bible: Now and Then	3
MUSC 148	 Introduction to Black Music	3	RELI 87	 First-Year Seminar: Confessions	3
MUSC 149	 Introduction to Music and Dance	3	RELI 112	 A Global History of the Bible	3
			RELI 201	 Ancient Biblical Interpretation ^H	3

RELI 208	 The Birth of Christianity	3	RUSS 479	 Tolstoy	3
RELI 209	 Varieties of Early Christianity ^H	3	RUSS 486	 Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3
RELI 212	 Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3	SLAV 277	 Songs of Liberty, Light, and Resilience: Ukrainian Literature Today	3
RELI 217	 Gnosticism ^H	3	SLAV 469	 Coming to America: New York in Yiddish Literature and Culture	3
RELI 235	 Place, Space, and Religion	3	SPAN 261	 Advanced Spanish in Context ^H	3
RELI 240	 Religion, Literature, and the Arts in America ^H	3	SPAN 267	 Advanced Spanish in Context for Heritage Learners	3
RELI 289	 Muhammad and the Qur'an	3	SPAN 301	 Introduction to Literary and Cultural Analysis ^H	3
RELI 382	 The Story of Rama in Indian Culture--Experiential	3	SPAN 302	 Literary and Cultural Analysis for Heritage Learners	3
RELI 416	 The Cult of Saints: Narratives, Materialities, Practices	3	SPAN 373	 Studies in Latin American Literature	3
RELI 480	 Modern Muslim Literatures	3	VIET 305	 Advanced Vietnamese I	3
RELI 502	 Myths and Epics of the Ancient Near East ^H	3	WGST 56	 First-Year Seminar: Writing Women in Modern China ^H	3
RELI 515	 Cultural Histories of the New Testament ^H	3	WGST 66	 First-Year Seminar: Growing Up Girl, Globally	3
RELI 527	 Religious Metaphor and Symbol	3	WGST 127	 Iranian Women Writers	3
RELI 584	 The Qur'an as Literature	3	WGST 140	 Introduction to Gay and Lesbian Culture and Literature	3
RELI 602	 What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3	WGST 188	 Introduction to Women and Music	3
ROML 70	 First-Year Seminar: Jewish Spain: History and Culture Across the Hispanic World	3	WGST 231	 Gender and Popular Culture	3
ROML 295	 Research, Creativity, and Innovation in the Humanities	3	WGST 232	 Identity in Transit: Performing the Self through Photography	3
ROML 399	 Animals in European Culture and Literature: Explorations, Research, and Creativity	3	WGST 233	 Introduction to Latina Literature	3
RUSS 270	 Crimes and Punishments: Russian Literature of the 19th Century	3	WGST 237	 Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	3
RUSS 275	 Russian Fairy Tale	3	WGST 240	 Women in Greek Art and Literature ^H	3
RUSS 276	 Mystery and Suspense in Russian Literature	3	WGST 248	 Gender on the Musical Stage	3
RUSS 277	 Love, Sex, and Marriage in Soviet Culture	3	WGST 345	 Gender and Film	3
RUSS 278	 Russian and Soviet Science Fiction	3	WGST 361	 Asian American Women's Writing	3
RUSS 279	 Sunstrokes in Dark Alleys: Russian Short Stories	3	WGST 363	 Feminist Literary Theory ^H	3
RUSS 280	 Russian Villains, Western Screens: Ethno-Cultural Stereotypes on Page and Stage, in Movies and Minds	3	WGST 373	 Modern Women Writers	3
RUSS 282	 Russian Literature in World Cinema	3	WGST 374	 Southern Women Writers	3
RUSS 411	 Advanced Communication, Conversation, and Composition in Contemporary Standard Russian I	3	WGST 380	 Almost Despicable Heroines in Japanese and Western Literature	3
RUSS 415	 Introduction to Russian Literature	3	WGST 383	 Black Feminist Thought & the Speculative Imagination	3
RUSS 445	 19th Century Russian Literature and Culture	3	WGST 446	 American Women Authors ^H	3
RUSS 461	 Soviet Socialist Realism: Making the World Anew	3	WGST 465	 Gender, (Im)migration, and Labor in Latina Literature	3
RUSS 464	 Dostoevsky	3	WGST 480	 Queering China	3
RUSS 465	 Chekhov	3	WGST 486	 Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3
RUSS 477	 Wicked Desire: Vladimir Nabokov, Lolita, on Page and Screen	3	WGST 489	 Women, Margin, Writing, and Transnational Japan	3

WGST 561	 Performance of Women of Color ^H	3
WGST 665	 Queer Latina/o Literature, Performance, and Visual Art	3
WGST 666	 Queer Latina/o Photography and 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.


















Creative Expression, Practice, and Production

Students engage in individual and collaborative creative expression, exploration, or production, such as in performance, visual art, composition, design, or technology. They engage with tools, techniques, methods, design processes, technologies, and materials for creating works that express, innovate, or create solutions to problems.

Creative Expression, Practice, and Production (FC-CREATE) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 635).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).



Approved Courses

Code	Title	Hours
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 575	 The American Cookbook in Theory and Practice	3
ANTH 334	 Art, Nature, and Climate Change	3
APPL 60	 First-Year Seminar: Tree. Timber. Totem	3
APPL 110	 Design and Making for Engineers: Developing Your Personal Design Potential	3
APPL 412	 Turning Your Entrepreneurial Ideas Into Reality	3
ARAB 255	 Arab World Photography	3
ARTH 201	 Making Material Histories: A Makerspace Course	3
ARTS 50	 First-Year Seminar: The Artistic Temperament ^H	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 ^H	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 238	 Screen Printing	3
ARTS 243	 Metal Sculpture	3
ARTS 274	 Landscapes of the Camino	3
ARTS 309	 3D Animation	3
ARTS 322	 Narrative Painting	3
ARTS 323	 Sculpture Garden: Art in the Public and Projects of Scale	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 ^H	3
ARTS 410	 Public Art	3
ARTS 414	 Performance as Social Practice: Exploring Artistic Expression and Social Change	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
CLAR 270	 Quantifying the Past: Big Data and Big Questions in Classical Archaeology	3
CLAS 59	 First-Year Seminar: Ancient Magic and Religion	3
CLAS 231	 The Theater in the Greek and Roman World ^H	3
COMM 61	 First-Year Seminar: The Politics of Performance	3
COMM 68	 First-Year Seminar: Paying Attention: The Art of Documentary	3
COMM 84	 First-Year Seminar: Make A Zine! Do-It-Yourself Writing, Publishing, and Distribution	3

COMM 130	 Introduction to Media Production	3	DRAM 467	 Costume Design I	3
COMM 150	 Introduction to New Media	3	DRAM 468	 Lighting Design I	3
COMM 263	 Performing Literature ^H	3	ECON 125	 Introduction to Entrepreneurship ^H	3
COMM 330	 Introduction to Writing for Film and Television	3	EDUC 567	 Children's Literature in Elementary and Middle Schools	3
COMM 337	 Visual Storytelling for Screenwriters	3	EDUC 571	 The Maker Movement and Education	3
COMM 378	 Environmental Filmmaking: Creative Production and Social Impact	3	EDUC 572	 Psychology of Creativity	3
COMM 431	 Advanced Audio Production	3	ENGL 69	 First-Year Seminar: Entrepreneurial on the Web	3
COMM 466	 Advanced Study in Performing Literature	3	ENGL 118	 Storytelling and Game Development	3
COMM 534	 Aesthetic and Technical Considerations in Making Short Videos	3	ENGL 119	 Picture This: Principles of Visual Rhetoric	3
COMM 635	 Documentary Production	3	ENGL 130	 Introduction to Fiction Writing	3
COMM 638	 Game Design	3	ENGL 131	 Introduction to Poetry Writing	3
COMM 640	 Game Studio	3	ENGL 132H	 First-Year Honors: Introduction to Fiction Writing	3
COMM 647	 Advanced Projects in Media Production	3	ENGL 133H	 First-Year Honors: Introduction to Poetry Writing	3
COMM 653	 Experimental Video	3	ENGL 136	 The Publishing Industry: Editing, Design, and Production	3
COMM 654	 Motion Graphics, Special Effects, and Compositing	3	ENGL 138	 Introduction to Creative Nonfiction ^H	3
COMM 656	 Sound for Film and Video: Theory and Practice for Motion Picture Sound Design	3	ENGL 149	 Digital Composition	3
COMM 657	 Movie Making Machines: Learning About Cinema in the Maker Space	3	ENGL 203	 Memoir Writing	3
COMP 126	 Practical Web Design and Development for Everyone	3	ENGL 204	 Travel Writing	3
COMP 423	 Foundations of Software Engineering	3	ENGL 205	 Word, Sound, Image: Multimedia Communication	3
COMP 523	 Software Engineering Laboratory	4	ENGL 206	 Intermediate Fiction Writing	3
COMP 541	 Digital Logic and Computer Design	4	ENGL 207	 Intermediate Poetry Writing	3
DRAM 79	 First-Year Seminar: The Heart of the Play: Fundamentals of Acting, Playwriting, and Collaboration	3	ENGL 208	 Reading and Writing Creative Nonfiction	3
DRAM 83	 First-Year Seminar: Spectacle in the Theatre	3	ENGL 210	 Writing Young Adult Literature	3
DRAM 135	 Acting for Nonmajors	3	ENGL 211	 Writing Political Fiction	3
DRAM 150	 Beginning Acting for the Major	3	ENGL 212	 Writing Crime and Mystery Fiction	3
DRAM 191	 Technical Methods: Scenery	3	ENGL 214	 Writing Flash Fiction	3
DRAM 192	 Technical Methods: Costume	3	ENGL 256	 Crafting the Dramatic Film: Theory Meets Practice ^H	3
DRAM 245	 Acting for the Camera	3	ENGL 258	 Games and Literature	3
DRAM 260	 Advanced Stagecraft	3	ENGL 259	 Improvisational Comedy Games for Writers	3
DRAM 277	 Introduction to Theatrical Design	3	ENGL 283	 Life Writing ^H	3
DRAM 300	 Directing	3	ENGL 300	 Professional Writing and Editing	3
DRAM 360	 Original Theatre Works: Methods, Aesthetics, and Creation	3	ENGL 306	 Playwriting	3
DRAM 365	 Introduction to Projection Design and Mapping	3	ENGL 307	 Studies in Fiction and Poetry: Stylistics	3
DRAM 370	 Exploring Costumes in Film	3	ENGL 308	 Gram-O-Rama: Grammar in Performance	4
DRAM 465	 Sound Design	3	ENGL 318	 Multimedia Composition ^H	3
DRAM 466	 Scene Design	3	ENGL 324	 Creating the Video Essay	3
			ENGL 341	 Tabletop Games: Narrative, History, and Design	3
			ENGL 351	 From Manuscript to Press: Writer as Publisher	3

ENGL 384	 Podcasting	3	MUSC 156	 Beat Making Lab	3
ENGL 391	 Storytelling in Film and TV	3	MUSC 157	 Rap Lab	3
ENGL 392	 Professional Writing Portfolio Development and Publication	3	MUSC 161	 Music Production I	3
ENGL 404	 Advanced Creative Nonfiction	3	MUSC 239	 Introduction to Music Technology	3
ENGL 406	 Advanced Fiction Writing	3	MUSC 251	 Studies in Medieval and Early Modern Music	3
ENGL 407	 Advanced Poetry Writing	3	MUSC 256	 Advanced Beat Making Lab	3
ENGL 408	 Collaboration: Composers and Lyricists	3	MUSC 266	 Composition	3
ENGL 409	 Lyrics and Lyricists: A Collaborative Exploration of the Processes of Popular-Song Lyric Writing	3	MUSC 300	 Advanced Keyboard Lessons and Recital	3
ENGL 411	 Composing for Clients: Technical Communication Practicum	3	MUSC 302	 Advanced Voice Lessons and Recital ^H	3
ENGL 412	 Sketch Comedy Writing	4	MUSC 303	 Advanced String Lessons and Recital ^H	3
ENGL 676	 Digital Editing and Curation	3	MUSC 304	 Advanced Woodwind Lessons and Recital ^H	3
FOLK 334	 Art, Nature, and Climate Change	3	MUSC 305	 Advanced Brass Lessons and Recital ^H	3
FOLK 481	 Jewish Belonging/s: The Material Culture of Jewish Experience	3	MUSC 306	 Advanced Percussion Lessons and Recital ^H	3
FREN 310	 Conversation and Composition II	3	MUSC 307	 Advanced Composition/Recital	3
FREN 315	 Imposteur!: Faking and False Identities in French and Francophone Drama and Film	3	MUSC 361	 Advanced Vocal Production	3
GEOG 63	 First-Year Seminar: The Problem with Nature and Its Preservation ^H	3	MUSC 366	 Scoring for Film and Video Games	3
GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources ^H	3	NAVS 411	 Amphibious Warfare	3
GERM 374	 German Theater: Words Speak as Loudly as Actions	3	NSCI 405	 Advanced Molecular Neuropharmacology	3
GSLI 273	 Close Your Eyes and See a Film: The Documentary in Central Europe	3	PHYS 100	 How Things Work	4
HNUR 408	 South Asian Media and Film	3	PHYS 231	 Physical Computing ^H	4
IDST 114I	 Science Fiction, the Environment, and Vulnerable Communities	3	PORT 316	 Brazilian Performance in Music and Dance: Capoeira	3
IDST 137I	 Live Arts Laboratory	3	PSYC 518H	 Creating Digital Tools for Positive Youth Development	3
ITAL 204	 Intermediate Italian II	3	PWAD 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
ITAL 300	 Communicating in Italian: Media, Culture, and Society	3	PWAD 364	 Post-Conflict and Peacebuilding	3
ITAL 310	 Italian Conversation	3	RELI 236	 Religious Things	3
ITAL 333	 Italian Film and Culture	3	ROML 75	 First-Year Seminar: Discovering Animals: Culture and Creativity	3
JWST 364	 Multiethnic Cultures of Contemporary Spain	3	ROML 399	 Animals in European Culture and Literature: Explorations, Research, and Creativity	3
JWST 481	 Jewish Belonging/s: The Material Culture of Jewish Experience	3	SPAN 204	 Intermediate Spanish II ^H	3
LING 230	 Constructed Languages: Theory and Typology	3	SPAN 321	 Spanish for the Medical Professions (First Semester)	3
LTAM 261	 Afro-Cuban Dance: History, Theory, and Practice	3	SPAN 364	 Multiethnic Cultures of Contemporary Spain	3
MEJO 121	 Introduction to Digital Storytelling	3	SPAN 394	 Creative Writing in Spanish	3
MEJO 129	 Sports Xtra	3	WGST 68	 First-Year Seminar: Assumed Identities: Performance in Photography	3
MEJO 252	 Audio Journalism	3	WGST 211	 Introduction to Latina Feminisms: Literature, Theory, and Activism	3
MUSC 155	 The Art and Culture of the DJ	3	WGST 230	 Women in Contemporary Art: A Field Study	3
			WGST 232	 Identity in Transit: Performing the Self through Photography	3

WGST 325	 Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3
WGST 350	 Spitting in the Wind: "American" Women, Art, and Activism	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.
























Engagement with the Human Past

Students acquire knowledge through evidence about human experience in one or more eras of the human past and learn to evaluate, synthesize, and communicate that evidence, applying it to their lives in the present.

Engagement with the Human Past (FC-PAST) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 635).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).

Approved Courses

Code	Title	Hours
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 385	 Emancipation in the New World	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 222	 The Death Penalty in American History	3
AMST 231	 Native American History: The East	3
AMST 234	 Native American Tribal Studies ^H	3
AMST 235	 Native America in the 20th Century	3
AMST 251	 The Jewish American Experience	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 262	 Public History and Museum Practice	3
AMST 269	 Mating and Marriage in America	3
AMST 273	 Games and American Culture	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 392	 Radical Communities in Twentieth Century American Religious History	3
AMST 486	 The Jewish South: Race, Region, and Religion	3
ANTH 72	 First-Year Seminar: Archaeology and Popular Culture	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 222	 Prehistoric Art	3
ANTH 231	 The Inca and Their Ancestors: The Archaeology of Andean South America	3
ANTH 232	 Ancestral Maya Civilizations ^H	3
ANTH 233	 Archaeology of Ancient Turkey	3
ANTH 234	 Native American Tribal Studies ^H	3
ANTH 235	 Origins of Civilization: Archaeology of the British Museum	3
ANTH 250	 Archaeology of North America ^H	3
ANTH 252	 Archaeology of Food	3
ANTH 349	 Histories of Violence	3
ANTH 409	 Curating Things	3
ANTH 411	 Laboratory Methods in Archaeology ^H	3

ANTH 413	 Laboratory Methods: Archaeobotany	3	ARTH 474	 Roman Sculpture	3
ANTH 414	 Laboratory Methods: Human Osteology	3	ARTH 476	 Roman Painting	3
ANTH 415	 Laboratory Methods: Zooarchaeology	3	ARTH 484	 Culture on the Move: Art, Empire, and Restitution since 1800	3
ANTH 416	 Bioarchaeology	3	ARTH 485	 Art of the Harlem Renaissance	3
ANTH 418	 Laboratory Methods: Ceramic Analysis	3	ARTH 514	 Monuments and Memory	3
ANTH 451	 Field School in North American Archaeology ^H	6	ARTH 557	 Art and Money	3
ANTH 462	 Archaeologies of Capitalism	3	ARTH 592	 History and Theory of Museums	3
ANTH 535	 The Archaeology of Health and Well-Being	3	ARTS 274	 Landscapes of the Camino	3
ANTH 550	 Archaeology of the American South	3	ASIA 50	 First-Year Seminar: The Samurai: Gender and Power in Japanese History	3
ANTH 674	 Issues in Cultural Heritage	3	ASIA 65	 First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3
ARTH 54	 First-Year Seminar: Art, War, and Revolution ^H	3	ASIA 131	 Southeast Asia before 1800 through Digital History	3
ARTH 55	 First-Year Seminar: Art, Gender, and Power in Early Modern Europe ^H	3	ASIA 132	 Modern Southeast Asia	3
ARTH 113	 Art and Sports in the Americas	3	ASIA 133	 Introduction to Chinese History	3
ARTH 151	 History of Western Art I ^H	3	ASIA 134	 Modern East Asia	3
ARTH 152	 Art in Life: An Introduction to Western Art from the Renaissance to the Modern Period ^H	3	ASIA 135	 History of the Indian Subcontinent to 1750	3
ARTH 160	 Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica ^H	3	ASIA 139	 History of Muslim Societies since 1500	3
ARTH 161	 Introduction to American Art	3	ASIA 152	 Survey of South Asian Cultural History	3
ARTH 210	 The Visual Culture of News, Past and Present	3	ASIA 180	 Islam and Muslim Life before 1500	3
ARTH 242	 Egyptian Art and Archaeology	3	ASIA 181	 Islam and Muslim Life since 1500	3
ARTH 244	 Greek Art and Archaeology	3	ASIA 211	 The Silk Road: Markets, Metaphysics, and Music	3
ARTH 247	 Roman Art and Archaeology	3	ASIA 233	 Drugs, Sex, and Sovereignty in East Asia, 1800-1945	3
ARTH 267	 Latin American Modernisms	3	ASIA 262	 Nation, Film, and Novel in Modern India	3
ARTH 268	 Hellenistic Art and Archaeology (350-31 BCE)	3	ASIA 276	 The Modern Middle East	3
ARTH 275	 18th-Century Art	3	ASIA 277	 The Conflict over Israel/Palestine	3
ARTH 279	 The Arts in England, 1450-1650 ^H	3	ASIA 282	 China in the World	3
ARTH 281	 Art of Exchange and Exploration: Early America and the Globe	3	ASIA 283	 Chairman Mao's China in World History ^H	3
ARTH 283	 Picturing Paris: 1800-2000	3	ASIA 284	 The Buddhist Tradition: East Asia	3
ARTH 310	 From Charlemagne to Bauhaus: German Art and Architecture from the Middle Ages to Modern Time	3	ASIA 286	 Premodern Japanese Religions	3
ARTH 330	 Art, History, and the Modern Museum	3	ASIA 288	 Modern Japan	3
ARTH 368	 The Renaissance Portrait	3	ASIA 303	 Chinese Religions	3
ARTH 370	 Visual Art in the Age of Revolution	3	ASIA 331	 Cracking India: Partition and Its Legacy in South Asia ^H	3
ARTH 380	 Life and Art in Ancient Pompeii	3	ASIA 350	 Transpacific Narratives: Oral Histories of Asian America	3
ARTH 383	 Everything You Ever Wanted to Know About Modern Architecture But Were Afraid to Ask	3	ASIA 418	 Family and Gender in Early Modern China and Korea	3
ARTH 401	 Seen, Unseen, and Suggested: Representation and Hollywood Film Censorship	3	ASIA 488	 Shinto in Japanese History	3
ARTH 457	 Studies in the History of Graphic Art	3	ASIA 581	 Sufism	3
ARTH 465	 Roman Architecture	3	ASIA 582	 Islam and Islamic Art in South Asia	3
ARTH 469	 Art of the Aztec Empire	3			
ARTH 473	 Early Modern and Modern Decorative Arts	3			

ASIA 583	 Religion and Culture in Iran, 1500-Present	3	CLAS 271	 Classical Rhetoric and American Democracy	3
ASIA 584	 The Qur'an as Literature	3	CLAS 365	 The Lives of Others from Herodotus to Tacitus	3
ASTR 105	 Time, Tides, and the Measurement of the Cosmos ^H	3	CLAS 371	 Cicero, Caesar, and the End of the Roman Republic	3
ASTR 205	 The Medieval Foundations of Modern Cosmology	3	CLAS 380	 Emperors, Tyrants, Kings, and Rulers in Ancient Greece and Rome	3
CHIN 150	 Introduction to Chinese Civilization	3	CLAS 409	 Greek and Roman Historians ^H	3
CHIN 252	 Introduction to Chinese Culture through Narrative	3	CLAS 415	 Roman Law ^H	3
CHIN 265	 Imperial China in Global Objects	3	CMPL 120	 Great Books I: Epic and Lyric Traditions	3
CHIN 346	 History as Fiction or Fiction as History? Early Chinese History in Film and Literature	3	CMPL 122	 Great Books I: Visual Arts and Literature from Antiquity to 1750 ^H	3
CHIN 361	 Chinese Traditional Theater	3	CMPL 123	 Great Books I: Politics and Literature from Antiquity to 1750	3
CHIN 367	 Illustration and the Animation of Text	3	CMPL 124	 Great Books I: Science and Literature from Antiquity to 1750	3
CHIN 439	 Environmental China: Premodern Political Ecology	3	CMPL 220	 Global Authors: Jane Austen ^H	3
CLAR 110	 The Archaeology of Palestine in the New Testament Period	3	CMPL 223	 Global Authors: Cervantes	3
CLAR 115	 Life in the Roman Army	3	CMPL 225	 Global Authors: The Worlds of Shakespeare	3
CLAR 120	 Ancient Mediterranean, Egyptian, and Near Eastern Archaeology ^H	3	CMPL 227	 Global Authors: The Middle Ages in World Cinema	3
CLAR 210	 The Archaeology of Warfare in the Ancient World	3	CMPL 232	 Imagining the City in Modern Korea: Text, Image, Space	3
CLAR 242	 Egyptian Art and Archaeology	3	CMPL 453	 The Erotic Middle Ages	3
CLAR 243	 Minoans and Mycenaeans: The Archaeology of Bronze Age Greece	3	CMPL 460	 Transnational Romanticism: Romantic Movements in Europe and the Americas	3
CLAR 244	 Greek Art and Archaeology	3	CMPL 473	 Drama, Pageantry, and Spectacle in Medieval Europe	3
CLAR 247	 Roman Art and Archaeology	3	CMPL 474	 Words and Pictures: Literature and Photography in the 20th Century	3
CLAR 268	 Hellenistic Art and Archaeology (350-31 BCE)	3	CMPL 558	 The Lives and Times of Medieval Corpses	3
CLAR 374	 The Archaeology of Death	3	CMPL 622	 Medieval Cosmopolitanisms	3
CLAR 380	 Life and Art in Ancient Pompeii	3	COMM 373	 Commemorative Controversies	3
CLAR 465	 Roman Architecture	3	COMM 430	 History of American Screenwriting	3
CLAR 474	 Roman Sculpture	3	DRAM 281	 Theatre History and Literature I	3
CLAR 476	 Roman Painting	3	DRAM 282	 Theatre History and Literature II	3
CLAR 480	 Egypt after the Pharaohs	3	EDUC 529	 Education in American Society	3
CLAR 492	 Archaeology of Greek Sanctuaries	3	EDUC 570	 History of American Higher Education	3
CLAR 512	 Ancient Synagogues	3	ENGL 115	 History of the English Language	3
CLAS 61	 First-Year Seminar: Writing the Past ^H	3	ENGL 116	 History of Writing: From Pen to Pixel	3
CLAS 121	 The Greeks ^H	3	ENGL 120	 British Literature, Medieval to 18th Century ^H	3
CLAS 122	 The Romans ^H	3	ENGL 153	 Sex, Gender, and Sexuality in the Premodern World	3
CLAS 241	 Women in Ancient Rome ^H	3	ENGL 223	 Chaucer ^H	3
CLAS 257	 Augustus and Rome ^H	3	ENGL 224	 Survey of Medieval English Literature, excluding Chaucer ^H	3
CLAS 259	 Pagans and Christians	3	ENGL 225	 Shakespeare ^H	3
CLAS 260	 Ancient Medicine ^H	3			
CLAS 263	 Athletics in the Greek and Roman Worlds ^H	3			

ENGL 226	 Renaissance Drama ^H	3	GERM 410	 Getting Medieval. Or: What Makes Us Modern?	3
ENGL 227	 Literature of the Earlier Renaissance ^H	3	GERM 416	 The Viking Age	3
ENGL 238	 19th-Century British Novel ^H	3	GERM 426	 Play Time: Theater in the Medieval and Early Modern World	3
ENGL 242	 Victorian Literature—Contemporary Issues	3	GERM 444	 The Origins of Radical Thought	3
ENGL 275	 Founding Fictions: Democracy and American Literature	3	GERM 449	 Vienna, Munich, Berlin. Revolution in German Art ca. 1900	3
ENGL 331	 18th-Century Literature ^H	3	GERM 474	 Words and Pictures: Literature and Photography in the 20th Century	3
ENGL 337H	 The Romantic Revolution in the Arts	3	GERM 481	 Berlin: Mapping a (Post) Modern Metropolis	3
ENGL 443	 American Literature before 1860—Contemporary Issues ^H	3	GERM 483	 Recycling the Past: East German Literature	3
ENGL 620	 Introduction to Old English Language and Literature	3	GERM 570	 German Intellectual History	3
EURO 159	 Europe and the World Since 1900	3	GSLL 50	 First-Year Seminar: Literary Fantasy and Historical Reality	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 75	 First-Year Seminar: The Book of Books: Literature and the Bible	3
EURO 259	 Towards Emancipation? Women in Modern Europe	3	GSLL 76	 First-Year Seminar: Uncharted Territory: Underworlds in Literature and the Visual Arts	3
EURO 270	 Religion in Western Europe ^H	3	GSLL 80	 Not Just Dogs: Animals in Russian Literature	3
FOLK 254	 U.S. Historical Geographies	3	GSLL 212	 "Game of Thrones" and the Worlds of the European Middle Ages	3
FOLK 502	 Myths and Epics of the Ancient Near East ^H	3	GSLL 225	 Popular and Pious: Early Modern Jewish Literature	3
FREN 80	 First-Year Seminar: Déjà vu. Medicine and Narration across Time and Space	3	GSLL 250	 Central Europe, Medieval to Modern	3
FREN 155	 The French Love Affair with Philosophy	3	HIST 51	 First-Year Seminar: Latin American Revolutions	3
FREN 342	 The Art and Power of Conversation: The Enlightenment Salon	3	HIST 53	 First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-2000	3
FREN 356	 Littérature et philosophie	3	HIST 54	 First-Year Seminar: Movies and the Medieval Past	3
FREN 370	 French and Francophone Studies to 1789	3	HIST 57	 First-Year Seminar: Dogs, Past and Present	3
FREN 387	 Paris/Versailles: The Court and the City in the 17th Century	3	HIST 58	 First-Year Seminar: History and the Meaning of Life	3
GEOG 64	 First-Year Seminar: Vietnam	3	HIST 72	 First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory ^H	3
GEOG 232	 Agriculture, Food, and Society	3	HIST 74	 First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	3
GEOG 254	 U.S. Historical Geographies	3	HIST 80	 First-Year Seminar: African American Music as History	3
GEOG 266	 Society and Environment in Southeast Asia	3	HIST 88	 First Year Seminar: America's Founding Documents	3
GERM 227	 Luther and the Bible	3	HIST 101	 A History of Lies, Conspiracies, and Misinformation	3
GERM 247	 Music, Madness, and Genius: The Pathologies of German Musical Literature	3	HIST 106	 Ancient History	3
GERM 265	 Hitler in Hollywood: Cinematic Representations of Nazi Germany	3	HIST 107	 Medieval History	3
GERM 281	 The German Idea of War: Philosophical Dialogues with the Literary and Visual Arts in WWI	3	HIST 108	 Introduction to Early Medieval History 500-1050	3
GERM 303	 German Literature and Culture	3			
GERM 370	 German Intellectual History	3			
GERM 381	 Berlin: Mapping a (Post) Modern Metropolis	3			
GERM 383	 Recycling the Past: East German Literature	3			

HIST 110	 Introduction to the Cultures and Histories of Native North America	3	HIST 205	 War, Diplomacy, and Statecraft, 1618-1815	3
HIST 120	 Sport and American History	3	HIST 206	 War, Diplomacy, and Statecraft, 1815-1945	3
HIST 121	 History of Religion in North America	3	HIST 215	 Peoples, Cultures, and Landscapes of Latin America	3
HIST 125	 The Social History of Popular Music in 20th-Century America	3	HIST 220	 The Olympic Games: A Global History ^H	3
HIST 126	 Early American History and the Foundations of American Democracy	3	HIST 225	 History of Greece	3
HIST 127	 American History to 1865	3	HIST 226	 The Rise of Rome	3
HIST 128	 American History since 1865	3	HIST 227	 The Fall of the Roman Empire	3
HIST 129	 Very Modern America, 1985-2025	3	HIST 228	 Medieval Science	3
HIST 130	 Modern African History	3	HIST 229	 The History of London 43 - 1666 ^H	3
HIST 131	 Southeast Asia before 1800 through Digital History	3	HIST 231	 Native American History: The East	3
HIST 132	 Modern Southeast Asia	3	HIST 234	 Native American Tribal Studies ^H	3
HIST 133	 Introduction to Chinese History	3	HIST 235	 Native America in the 20th Century	3
HIST 134	 Modern East Asia	3	HIST 236	 Sex and American History	3
HIST 135	 History of the Indian Subcontinent to 1750	3	HIST 237	 Colonial American History to 1763	3
HIST 137	 Muhammad to Malcolm X: Islam, Politics, Race, and Gender	3	HIST 238	 The American Revolution, 1763-1815	3
HIST 139	 History of Muslim Societies since 1500	3	HIST 240	 Introduction to Mexico: A Nation in Four Revolutions	3
HIST 140	 The World since 1945	3	HIST 241	 History of Latinos in the United States	3
HIST 142	 Latin America under Colonial Rule	3	HIST 242	 United States-Latin American Relations	3
HIST 143	 Latin America since Independence	3	HIST 243	 The United States and Africa ^H	3
HIST 144	 Women in United States History	3	HIST 244	 History of the American Presidency	3
HIST 145	 Latin American Indigenous Peoples	3	HIST 245	 The United States and the Cold War: Origins, Development, Legacy	3
HIST 151	 European History to 1650	3	HIST 246	 The Long Cold War: U.S. Foreign Relations in the 20th and 21st Centuries	3
HIST 153	 From the Bible to Broadway: Jewish History to Modern Times	3	HIST 247	 Early Modern Japanese History and Culture	3
HIST 158	 Early Modern European History, 1450-1815	3	HIST 248	 Guerrillas and Counterinsurgencies in Latin America	3
HIST 159	 Europe and the World Since 1900	3	HIST 249	 Modern Global Christianity	3
HIST 161	 Russia Becomes an Empire	3	HIST 250	 Central Europe, Medieval to Modern	3
HIST 162	 Russia under the Last Tsars and Soviet Commissars	3	HIST 251	 The Thirty Years War (1618-1648): Europe in an Age of Crisis	3
HIST 163	 Modern Central Asia ^H	3	HIST 252	 Politics, Society, and Culture in Modern Germany (1871-1945)	3
HIST 164	 Victorian Britain: From Slavery to South African War	3	HIST 254	 War and Society in Early Modern Europe	3
HIST 165	 20th Century Britain: from the Great War to Brexit	3	HIST 255	 Manor to Machine: The Economic Shaping of Europe	3
HIST 167	 Asian American History	3	HIST 256	 France, 1940 to the Present ^H	3
HIST 180	 Genocide in Global Perspective	3	HIST 257	 Politics, Society, and Culture in Postwar Germany	3
HIST 189	 The Global World Order from World War II to the Present ^H	3	HIST 259	 Towards Emancipation? Women in Modern Europe	3
HIST 203	 Empires and Cultures in the Modern World	3	HIST 260	 From Kings to Communists: East-Central Europe in the Modern Era ^H	3
HIST 204	 Global Environmental Histories: People, Climate, and Landscapes	3			

HIST 262	 History of the Holocaust: The Destruction of the European Jews	3	HIST 339	 Asia and the Birth of Global Capitalism, 1400-1850	3
HIST 263	 Gender and Religion in Premodern Europe ^H	3	HIST 340	 Ethics and Business in Africa ^H	3
HIST 265	 Imperial China in Global Objects	3	HIST 343H	 Empire, Race, and Resistance	3
HIST 266	 Global History of Warfare	3	HIST 345	 Dictators and Democracy: Autocracy and "the People" from Antiquity to Today	3
HIST 271	 Ancient and Medieval Japanese History and Culture	3	HIST 360	 Ideas in Modern America ^H	3
HIST 273	 Water, Conflict, and Connection in the Middle East	3	HIST 361	 Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3
HIST 274	 History of the Ottoman Empire, 1300-1923	3	HIST 362	 Baseball and American History	3
HIST 276	 The Modern Middle East	3	HIST 364	 History of American Business	3
HIST 277	 The Conflict over Israel/Palestine	3	HIST 367	 North Carolina's Unfinished Democracy	3
HIST 278	 The Trans-Atlantic Slave Trade ^H	3	HIST 372	 History of American Politics, 1932-Present ^H	3
HIST 279	 Modern South Africa ^H	3	HIST 377	 History of African Americans, 1865 to Present ^H	3
HIST 280	 Women and Gender in Latin American History	3	HIST 383	 Big-Time College Sports and the Rights of Athletes, 1874 to the Present	3
HIST 282	 China in the World	3	HIST 384	 America in the Sixties ^H	3
HIST 283	 Chairman Mao's China in World History ^H	3	HIST 385	 African American Women's History	3
HIST 285	 20th-Century China	3	HIST 418	 Family and Gender in Early Modern China and Korea	3
HIST 288	 Modern Japan	3	HIST 434	 Medieval England	3
HIST 289	 America in the 1970s	3	HIST 437	 Aristocratic Culture in the Central Middle Ages	3
HIST 291	 Putting Literature and History in Dialogue ^H	3	HIST 438	 Medieval Masculinities, 500-1200 ^H	3
HIST 301	 How Empires Fall: Case Studies from the Past and Lessons for Today	3	HIST 439	 Environmental China: Premodern Political Ecology	3
HIST 302	 Movies Make History: Films as Primary Sources in Europe and America ^H	3	HIST 443	 Settler Colonialism in Global Perspective	3
HIST 303	 Medieval Spain	3	HIST 445	 Humanitarianism in Historical Perspective	3
HIST 304H	 Conquest and Colonization in the English Atlantic World	3	HIST 456	 The Holocaust, Genocide and Historical Methodology	3
HIST 305	 Elizabeth I and her World: Gender, Power, and the Beginnings of the Global	3	HIST 457	 Liberalism, Socialism, and Fascism in Europe	3
HIST 306	 Princes and Reformations in Germany, 1400-1600	3	HIST 468	 Culture on the Move: Art, Empire, and Restitution since 1800	3
HIST 307	 Religion, Statecraft, and Enlightenment in Germany, 1600-1815	3	HIST 480	 Russia's 19th Century: Cultural Splendor, Imperial Decay	3
HIST 309	 Old Regime France, 1661-1787	3	HIST 488	 Global Intellectual History ^H	3
HIST 310	 The French Revolution	3	HIST 489	 The History of the 2008 Financial Crisis ^H	3
HIST 312	 History of France and Algeria	3	HIST 507	 Geopolitical Rivalry, Development, and Global Capitalism, 1900-1950	3
HIST 313	 Women and the Law in Africa and the Middle East	3	HIST 514	 Monuments and Memory	3
HIST 314	 Law and Society in Latin America	3	HIST 564	 Religion, Race, and Inquisition in the Spanish Empire	3
HIST 315	 Nation-Building in Latin America ^H	3	HIST 580	 International Relations and Public History	3
HIST 320	 Art, History, and the Modern Museum	3	HIST 585	 Race, Basketball, and the American Dream	3
HIST 331	 Why History Matters to Public Policy	3	ITAL 51	 First-Year Seminar: Contagion and Culture: Lessons from Italy	3
HIST 335	 Cracking India: Partition and Its Legacy in South Asia ^H	3	ITAL 130	 Dante's Divine Comedy	3

ITAL 241	 The Renaissance Mind and Body	3	LING 578	 Comparative History of the Romance Languages	3
ITAL 343	 Italian Culture Today: Modern Italy as a Nation 1860 to Present	3	LTAM 215	 Peoples, Cultures, and Landscapes of Latin America	3
ITAL 346	 Gender, Sexuality, and Representation in Early Modern Italy and Europe	3	LTAM 241	 History of Latinos in the United States	3
ITAL 359	 Medieval Frauds: Fake News, Counterfeits, and Forgeries	3	LTAM 314	 Law and Society in Latin America	3
ITAL 365	 Italian Food and Culture	3	MNGT 364	 History of American Business	3
ITAL 372	 Poetry, Parchment, Polis	3	MUSC 141	 Survey of Western Music History	3
JAPN 231	 Ancient and Medieval Japanese History and Culture	3	MUSC 255	 Studies in Music History II, 1750 to the Present	3
JAPN 246	 Early Modern Japanese History and Culture	3	NAVS 311	 Evolution of Warfare	3
JAPN 277	 Empire of Sex: Eroticism, Mass Culture, and Geopolitics in Japan, 1945-Present	3	NUTR 175	 Introduction to Food Studies: From Science to Society	3
JAPN 375	 The Culture of Modern, Imperial Japan, 1900-1945	3	PHIL 51	 First-Year Seminar: Who Was Socrates?	3
JWST 56	 First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3	PHIL 60	 First-Year Seminar: Plato's Symposium and Its Influence on Western Art and Literature ^H	3
JWST 70	 First-Year Seminar: Jewish Spain: History and Culture Across the Hispanic World	3	PHIL 110	 Philosophical Texts that Changed the World: An Introduction to Philosophy through Great Works ^H	3
JWST 100	 Introduction to Jewish Studies	3	PHIL 111	 Philosopher Queens: World Philosophies through Women's Texts	3
JWST 106	 Judaism in the Time of Jesus	3	PHIL 113	 Philosophical Texts that Changed the World: An Introduction To Philosophy Through Great Works	3
JWST 109	 History and Culture of Ancient Israel ^H	3	PHIL 175	 Philosophical Foundations of American Democracy	3
JWST 110	 The Archaeology of Palestine in the New Testament Period	3	PHIL 210	 Wonder, Myth, and Reason: Introduction to Ancient Greek Science and Philosophy ^H	3
JWST 153	 From the Bible to Broadway: Jewish History to Modern Times	3	PHIL 211	 Perspectives on Gender, Race, and Marginality in Ancient Greek Philosophy, Science, and Medicine	3
JWST 211	 Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3	PHIL 213	 Asian Philosophy	3
JWST 212	 Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3	PHIL 215	 Medieval Philosophy	3
JWST 225	 Popular and Pious: Early Modern Jewish Literature	3	PHIL 220	 17th and 18th Century Western Philosophy ^H	3
JWST 251	 The Jewish American Experience	3	PHIL 224	 Existential Philosophy and the Meaning(lessness) of Life ^H	3
JWST 253	 A Social History of Jewish Women in America	3	PHIL 282	 Human Rights: Philosophical Interrogations	3
JWST 262	 History of the Holocaust: The Destruction of the European Jews	3	PHIL 411	 Aristotle	3
JWST 480	 Russian-Soviet Jewish Culture: Lofty Dreams and Stark Realities ^H	3	PHIL 412	 Plato	3
JWST 486	 The Jewish South: Race, Region, and Religion	3	PHIL 421	 Rationalism	3
JWST 503	 Exploring the Dead Sea Scrolls ^H	3	PHIL 422	 Empiricism	3
JWST 512	 Ancient Synagogues	3	PHIL 423	 Kant's Theoretical Philosophy	3
JWST 602	 What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3	PHIL 424	 Kant's Practical Philosophy	3
KOR 232	 Imagining the City in Modern Korea: Text, Image, Space	3	PHIL 426	 Nietzsche	3
LING 202	 Linguistic Variation and Language Change	3	PLAN 246	 Cities of the Past, Present, and Future: Introduction to Planning	3
			PLCY 80	 First-Year Seminar: Innovation, Entrepreneurship, and Economic Growth ^H	3
			PLCY 331	 Why History Matters to Public Policy	3
			POLI 200	 The President, Congress, and Public Policy	3

POLI 240	 African American Politics	3	RELI 110	 The Archaeology of Palestine in the New Testament Period	3
POLI 257	 Politics, Society, and Culture in Postwar Germany	3	RELI 114	 Early Christian Worship, Ritual, and Bodies	3
PORT 323	 Advanced Communication in Portuguese: History, Nature, and Society	3	RELI 117	 Culture of the Ancient Near East	3
PORT 370	 Modern Brazil through Literature and Film in Translation	3	RELI 123	 Introduction to Jewish Studies	3
PORT 375	 Portuguese and Brazilian Fiction in Translation	3	RELI 125	 Heaven and Hell	3
PORT 521	 Contemporary Portuguese Culture and Contexts	3	RELI 127	 The Claims of Science and Religion	3
PWAD 115	 Life in the Roman Army	3	RELI 130	 Religion and Popular Culture	3
PWAD 132	 Modern Southeast Asia	3	RELI 138	 Religious Freedom	3
PWAD 134	 Modern East Asia	3	RELI 140	 Religion in America ^H	3
PWAD 205	 War, Diplomacy, and Statecraft, 1618-1815	3	RELI 142	 Catholicism in America	3
PWAD 206	 War, Diplomacy, and Statecraft, 1815-1945	3	RELI 151	 Religion in Latin America	3
PWAD 210	 The Archaeology of Warfare in the Ancient World	3	RELI 161	 Introduction to the History of Christian Traditions ^H	3
PWAD 238	 The American Revolution, 1763-1815	3	RELI 162	 Catholicism Today: An Introduction to the Contemporary Catholic Church	3
PWAD 245	 The United States and the Cold War: Origins, Development, Legacy	3	RELI 164	 Heresy and Inquisition: Religion, Ethics, Marginalization	3
PWAD 248	 Guerrillas and Counterinsurgencies in Latin America	3	RELI 165	 Mysticism ^H	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	 Islam and Muslim Life before 1500	3
PWAD 262	 History of the Holocaust: The Destruction of the European Jews	3	RELI 181	 Islam and Muslim Life since 1500	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 ^H	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 ^H	3	RELI 212	 Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3
PWAD 359	 Comparative History of National Intelligence Regimes ^H	3	RELI 217	 Gnosticism ^H	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 ^H	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 249	 Religion in Colonial Mexico	3
RELI 104	 Understanding the Bible: The New Testament and Christian Literature ^H	3	RELI 263	 Gender and Religion in Premodern Europe ^H	3
RELI 106	 Judaism in the Time of Jesus	3	RELI 266	 Medieval and Renaissance Christian Cultures	3
RELI 109	 History and Culture of Ancient Israel ^H	3	RELI 270	 Religion in Western Europe ^H	3
			RELI 284	 The Buddhist Tradition: East Asia	3
			RELI 286	 Premodern Japanese Religions	3
			RELI 288	 Chinese Religions	3
			RELI 289	 Muhammad and the Qur'an	3
			RELI 314	 Memory and the Historical Jesus ^H	3
			RELI 325	 Religion, Magic, and Science	3
			RELI 332	 The Protestant Tradition ^H	3

RELI 362	 Mary in the Christian Tradition ^H	3	SCLL 105	 Time, Tides, and the Measurement of the Cosmos	3
RELI 413	 Biblical Coptic and Early Egyptian Monasticism	3	SCLL 121	 History of Religion in North America	3
RELI 416	 The Cult of Saints: Narratives, Materialities, Practices	3	SCLL 125	 Utopias and Dystopias	3
RELI 421	 Religion and Science	3	SCLL 132	 Philosophy of Education	3
RELI 441	 Religion in Early America ^H	3	SCLL 140	 Islam and its Others	3
RELI 448	 Native and Christian: Indigenous Engagements with Christianity	3	SCLL 145	 The Family in Political Thought	3
RELI 450	 Sexuality in Jewish Tradition and History	3	SCLL 160	 The Moral Economy	3
RELI 488	 Shinto in Japanese History	3	SCLL 175	 Gurus, Prophets, Demagogues	3
RELI 501	 The History of the Bible in Modern Study	3	SCLL 205	 The Medieval Foundations of Modern Cosmology	3
RELI 502	 Myths and Epics of the Ancient Near East ^H	3	SCLL 237	 Left, Right, Center	3
RELI 503	 Exploring the Dead Sea Scrolls ^H	3	SCLL 360	 Ideas in Modern America	3
RELI 512	 Ancient Synagogues	3	SOCI 121	 Population Problems	3
RELI 514	 Judaism and the Search for Christian Origins	3	SOCI 122	 Race and Ethnicity	3
RELI 515	 Cultural Histories of the New Testament ^H	3	SPAN 340	 Topics in the Cultural History of Iberia	3
RELI 564	 Religion, Race, and Inquisition in the Spanish Empire	3	SPAN 378	 Afro-Hispanic Language Contacts	3
RELI 581	 Sufism	3	WGST 64	 Plantation Lullabies: Literature by and about African American Women	3
RELI 582	 Islam and Islamic Art in South Asia	3	WGST 144	 Women in United States History	3
RELI 583	 Religion and Culture in Iran, 1500-Present	3	WGST 222	 Prehistoric Art	3
RELI 584	 The Qur'an as Literature	3	WGST 241	 Women in Ancient Rome ^H	3
RELI 602	 What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3	WGST 253	 A Social History of Jewish Women in America	3
RELI 609	 Christianity and Greco-Roman Culture	3	WGST 259	 Towards Emancipation? Women in Modern Europe	3
RELI 617	 Death and Afterlife in the Ancient World ^H	3	WGST 266	 Black Women in America	3
ROML 63	 First Year Seminar: Forging Alliances: Religion, War, and Cultural Transference on the Camino	3	WGST 280	 Women and Gender in Latin American History	3
ROML 70	 First-Year Seminar: Jewish Spain: History and Culture Across the Hispanic World	3	WGST 313	 Women and the Law in Africa and the Middle East	3
ROML 578	 Comparative History of the Romance Languages	3	WGST 330	 Women's Health Activism in Twentieth Century America	3
RUSS 270	 Crimes and Punishments: Russian Literature of the 19th Century	3	WGST 337	 African Gender History	3
RUSS 277	 Love, Sex, and Marriage in Soviet Culture	3	WGST 360	 Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3
RUSS 279	 Sunstrokes in Dark Alleys: Russian Short Stories	3	WGST 362	 Mary in the Christian Tradition ^H	3
RUSS 445	 19th Century Russian Literature and Culture	3	WGST 382	 African American Women's History	3
RUSS 461	 Soviet Socialist Realism: Making the World Anew	3	WGST 418	 Family and Gender in Early Modern China and Korea	3
RUSS 464	 Dostoevsky	3	WGST 450	 Sexuality in Jewish Tradition and History	3
RUSS 465	 Chekhov	3			
RUSS 479	 Tolstoy	3			
RUSS 480	 Russian-Soviet Jewish Culture: Lofty Dreams and Stark Realities ^H	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.




Ethical and Civic Values

Students develop their capacity to think carefully and critically about how to make and justify private and public decisions.

Ethical and Civic Values (FC-VALUES) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 635).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).

Approved Courses

Code	Title	Hours
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 ^H	3
AMST 220	 On the Question of the Animal: Contemporary Animal Studies	3
AMST 225	 Comedy and Ethics ^H	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 315	 Privacy and Surveillance in America	3
AMST 317	 Adoption in America	3
ANTH 68	 First-Year Seminar: Forced Out and Fenced In: Ethnography of Latinx Immigration	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
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	 Monks, Magic, & Meditation: Theravada Buddhism Across Space and Time	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
BUSI 475	 Nonprofit Leadership: Strategies and Practices	3
CHIN 238	 From Martial Arts to Street Dance: Rebellion with Chinese Characteristics	3
CHIN 247	 Indigenous Spiritualities in Literatures of China and Taiwan ^H	3
CHIN 356	 Chinese Environmental Literature	3
CHIN 463	 Narrative Ethics in Modern China	3
CHIN 475	 Confucianism: Origin, History, and Contemporary Relevance	3
CHIN 476	 Daoism: Origin, History, and Contemporary Relevance	3
CHIN 525	 Ancient Philosophers and Their Modern Reincarnation	3
CLAR 250	 Who Owns the Past?: Archaeology, Ethics, and Politics ^H	3
CLAS 253	 Pericles and Athens ^H	3
CLAS 271	 Classical Rhetoric and American Democracy	3
CLAS 362	 Greek Tragedy ^H	3
CLAS 415	 Roman Law ^H	3
CMPL 238	 From Martial Arts to Street Dance: Rebellion with Chinese Characteristics	3
CMPL 247	 Indigenous Spiritualities in Literatures of China and Taiwan ^H	3
CMPL 527	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3
COMM 170	 Rhetoric and Public Issues	3
COMM 223	 Small Group Communication	3
COMM 327	 Constructive Communication Conflict Across Contexts	3
COMM 475	 Fostering Civil Discourse: Reasoning Together for Common Good	3
COMM 527	 Organizational Ethics	3
COMP 380	 Technology, Ethics, & Culture ^H	3
COMP 388	 The Internet: Studies and Stories	3
DATA 120	 Ethics of AI and Societal Decision Making ^H	3
DATA 520	 Research-Methods for Socially Responsible AI: An Ethical Expedition	3
DRAM 388	 Theatre, Law, and American Values	3
ECON 384	 Gateway to Philosophy, Politics, and Economics ^H	3
ECON 698	 Philosophy, Politics, and Economics: Capstone Course	3
EDUC 418	 Ethics of Care for the Hospitalized Child and Family	3
EDUC 508	 Equity, Leadership, and You	3

EDUC 526	 Ethics and Education: From Global Problems to Classroom Dilemmas	3	IDST 124I	 Pandemics: Ethics, Literatures, and Cultures	3
ENEC 325	 Water Resource Management for Food, Energy, and Health ^H	3-4	IDST 128I	 Never in Polite Company: Talking about Religion and Politics in Public	3
ENEC 350	 Environmental Law and Policy	3	INLS 384	 Information and Computer Ethics	3
ENEC 368	 Living Things, Wilderness, and Ecosystems: An Introduction to Environmental Ethics ^H	3	ITAL 320	 Italian Cities and Cultures: History, Power, and Ecology	3
ENEC 463	 Corporate Environmental Stewardship	3	ITAL 374	 Italian Ecofiction in Global Perspective	3
ENGL 193	 Introduction to Law and Literature	3	ITAL 385	 Italian Landscapes: Italy in the UNESCO World Heritage List	3
ENGL 305	 Advanced Legal Communication	3	ITAL 388	 Environmental Issues in Italian Literature and Film	3
ENGL 385	 Literature and Law	3	ITAL 525	 Italo Calvino in English	3
ENGL 488	 Critical Security Studies	3	ITAL 571	 Primo Levi in English	3
FOLK 424	 Ritual, Festival, and Public Culture	3	JAPN 375	 The Culture of Modern, Imperial Japan, 1900-1945	3
FREN 150	 Globalization and the French-Speaking World	3	JWST 100	 Introduction to Jewish Studies	3
FREN 356	 Littérature et philosophie	3	JWST 103	 Understanding the Bible: Hebrew Bible/Old Testament ^H	3
GEOG 124	 Feminist Geographies	3	JWST 106	 Judaism in the Time of Jesus	3
GEOG 228	 Urban Geography	3	JWST 224	 Modern Jewish Thought ^H	3
GEOG 232	 Agriculture, Food, and Society	3	JWST 225	 Popular and Pious: Early Modern Jewish Literature	3
GEOG 428	 Global Cities: Space, Power, and Identity in the Built Environment	3	JWST 230	 Judaism and Popular Culture	3
GEOG 429	 Urban Political Geography: Durham, NC	3	JWST 420	 Post-Holocaust Ethics and Theology ^H	3
GEOG 543	 Qualitative Methods in Geography	3	JWST 503	 Exploring the Dead Sea Scrolls ^H	3
GERM 245	 Marx, Nietzsche, and Freud	3	JWST 603	 The Bible and the History of the Self	3
GERM 255	 The Twilight of the World: Ecological Crises in German Literature and Film	3	KOR 150	 History, Memory, and Reality in Contemporary Korea	3
GERM 265	 Hitler in Hollywood: Cinematic Representations of Nazi Germany	3	LING 225	 Busting Language Myths	3
GERM 283	 Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3	MEJO 141	 Media Ethics	3
GERM 444	 The Origins of Radical Thought	3	MEJO 341	 Introduction to Media Law: Advertising, Public Relations, and Strategic Communication Focus	3
GERM 465	 German Guilt, Suffering and, Trauma	3	MNGT 223	 Small Group Communication	3
GERM 560	 20th-Century German Philosophy and Modern Youth Cultures	3	MUSC 291	 Music and Politics	3
GLBL 320	 Peacemaking within Alaska - Challenges to Apology, Forgiveness and Reconciliation	3	NAVS 402	 Naval Leadership and Ethics	3
GSLI 68	 First-Year Seminar: Intensity, Vitality, Ecstasy: Affects in Literature, Film, and Philosophy ^H	3	NURS 302	 Research, Ethics, and Innovation: Carolina Core II	3
GSLI 225	 Popular and Pious: Early Modern Jewish Literature	3	PHIL 51	 First-Year Seminar: Who Was Socrates?	3
HIST 310	 The French Revolution	3	PHIL 55	 First-Year Seminar: Paradoxes	3
HIST 345	 Dictators and Democracy: Autocracy and "the People" from Antiquity to Today	3	PHIL 57	 First-Year Seminar: Race and Affirmative Action	3
HIST 382	 The History of the Civil Rights Movement ^H	3	PHIL 59	 First-Year Seminar: Proofs of the Existence of God ^H	3
HNUR 407	 South Asian Society and Culture	3	PHIL 62	 First-Year Seminar: Philosophy with Children	3
HNUR 411	 Health and Medicine in South Asia	3	PHIL 66	 First-Year Seminar: Ethics: Theoretical and Practical	3
HPM 510	 Introduction to Health Law and Ethics	3	PHIL 68	 First-Year Seminar: Moral Life ^H	3

PHIL 70	 First-Year Seminar: Gateway to Philosophy, Politics, and Economics	3	PHIL 280	 Morality, Law, and Justice: Issues in Legal Philosophy ^H	3
PHIL 75	 First-Year Seminar: Evil	3	PHIL 285	 Moral and Philosophical Issues in Education ^H	3
PHIL 76	 First-Year Seminar: Is Free Will an Illusion? ^H	3	PHIL 292	 Field Work in Philosophy: Introducing Philosophy in Primary and Secondary Schools	3
PHIL 80	 First-Year Seminar: Short Stories and Contemporary Social Problems	3	PHIL 294	 Philosophy across the Lifespan	3
PHIL 86	 First-Year Seminar: Persons and Identity	3	PHIL 360	 Major Developments in Ethics: Historical and Philosophical Perspectives ^H	3
PHIL 101	 Introduction to Philosophy: Central Problems, Great Minds, Big Ideas ^H	3	PHIL 362	 Contemporary Ethical Theory ^H	3
PHIL 102	 Introduction to Philosophy: Central Problems, Great Minds, Big Ideas	3	PHIL 364	 Ethics and Economics	3
PHIL 110	 Philosophical Texts that Changed the World: An Introduction to Philosophy through Great Works ^H	3	PHIL 368	 Living Things, Wilderness, and Ecosystems: An Introduction to Environmental Ethics ^H	3
PHIL 112	 Making Sense of Ourselves ^H	3	PHIL 370	 Authority, Freedom, and Rights: Advanced Political Philosophy	3
PHIL 113	 Philosophical Texts that Changed the World: An Introduction To Philosophy Through Great Works	3	PHIL 381	 Philosophy and Film ^H	3
PHIL 134	 Reason, Faith, and God: Philosophy of Western Religion ^H	3	PHIL 384	 Gateway to Philosophy, Politics, and Economics ^H	3
PHIL 143	 AI and the Future of Humanity: Philosophical Issues about Technology and Human Survival ^H	3	PHIL 392	 Ethics Research Seminar for Undergraduates	3
PHIL 160	 Virtue, Value, and Happiness: An Introduction to Moral Theory ^H	3	PHIL 426	 Nietzsche	3
PHIL 161	 Virtue, Value, and Happiness: An Introduction to Moral Theory	3	PHIL 460	 History of Moral Philosophy	3
PHIL 163	 Practical Ethics: Moral Reasoning and How We Live ^H	3	PHIL 464	 Moral Responsibility	3
PHIL 164	 Morality and Business	3	PHIL 698	 Philosophy, Politics, and Economics: Capstone Course	3
PHIL 165	 Bioethics ^H	3	PLAN 247	 Solving Urban Problems	3
PHIL 170	 Liberty, Rights, and Responsibilities: Introduction to Social Ethics and Political Thought ^H	3	PLAN 428	 Global Cities: Space, Power, and Identity in the Built Environment	3
PHIL 175	 Philosophical Foundations of American Democracy	3	PLCY 71	 First-Year Seminar: Justice and Inequality ^H	3
PHIL 180	 Philosophy of Humor	3	PLCY 320	 Peacemaking within Alaska - Challenges to Apology, Forgiveness and Reconciliation	3
PHIL 224	 Existential Philosophy and the Meaning(lessness) of Life ^H	3	PLCY 340	 Justice in Public Policy ^H	3
PHIL 261	 Ethics in Action	3	PLCY 355	 Restorative Justice	3
PHIL 265	 Ethics, Politics, and Technology	3	PLCY 360	 State and Local Politics	3
PHIL 266	 Not All Fun and Games: Ethics of Sports	3	PLCY 362	 Ethics and Food Policy	3
PHIL 272	 The Ethics of Peace, War, and Defense	3	PLCY 364	 Ethics and Economics	3
PHIL 273	 Justice, Rights, and the Common Good: Philosophical Perspectives on Social and Economic Issues ^H	3	POLI 52	 First-Year Seminar: Friendship in Political Thought ^H	3
PHIL 274	 Race, Racism, and Social Justice: African-American Political Philosophy ^H	3	POLI 74	 First-Year Seminar: Introduction to Constitutional Conflicts	3
PHIL 275	 Moral and Philosophical Issues of Gender in Society ^H	3	POLI 75	 First-Year Seminar: Thinking about Law	3
PHIL 276	 Ideology, Capitalism, and Critique	3	POLI 100	 American Democracy in Changing Times ^H	3
			POLI 270	 Classical Political Thought ^H	3
			POLI 271	 Modern Political Thought ^H	3
			POLI 272	 The Ethics of Peace, War, and Defense	3
			POLI 275	 Nationalism, Immigration and the Politics of Identity ^H	3
			POLI 276	 Major Issues in Political Theory ^H	3

POLI 279	American Political Thought Through the Civil War ^H	3	RELI 222	Modern Western Religious Thought	3
POLI 280	American Political Thought After the Civil War ^H	3	RELI 224	Modern Jewish Thought ^H	3
POLI 384	Gateway to Philosophy, Politics, and Economics ^H	3	RELI 226	Human Animals in Religion and Ethics	3
POLI 474	Global Justice	3	RELI 230	Judaism and Popular Culture	3
POLI 475	Environmental Political Theory	3	RELI 231	The Bible in America	3
POLI 698	Philosophy, Politics, and Economics: Capstone Course	3	RELI 233	Religion and Violence	3
PWAD 272	The Ethics of Peace, War, and Defense	3	RELI 244	Gender and Sexuality in Western Christianity ^H	3
PWAD 280	Anthropology of War and Peace	3	RELI 247	Uncertain Truths: Conspiracy Theories, Aliens, and Secret Societies in America	3
PWAD 283	Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3	RELI 248	Introduction to American Islam ^H	3
PWAD 320	Peacemaking within Alaska - Challenges to Apology, Forgiveness and Reconciliation	3	RELI 266	Medieval and Renaissance Christian Cultures	3
PWAD 363	Ethical Issues in Intelligence and National Security	3	RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3
PWAD 427	Cold War Culture in East Asia: Transnational and Intermedial Connections	3	RELI 285	Monks, Magic, & Meditation: Theravada Buddhism Across Space and Time	3
PWAD 481	Religion, Fundamentalism, and Nationalism	3	RELI 324	Religion and the Human: Interrogating Individuality	3
PWAD 484	Critical Security Studies	3	RELI 338	Religion in American Law	3
RELI 67	First-Year Seminar: Nature/Culture/Self-Identity: Religion in the Construction of Social Life	3	RELI 365	Studies in Christian Theologies and Theologians	3
RELI 77	First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence	3	RELI 383	The Mahabharata: Remembered and Reimagined--Experiential	3
RELI 85	First-Year Seminar: Sex, Marriage, and Family in Religion	3	RELI 415	Teaching the Bible in Public Education	3
RELI 101	Introduction to Religious Studies	3	RELI 420	Post-Holocaust Ethics and Theology ^H	3
RELI 102	World Religions	3	RELI 424	Gender Theory and the Study of Religion	3
RELI 103	Understanding the Bible: Hebrew Bible/Old Testament ^H	3	RELI 426	The Sacrifice of Abraham ^H	3
RELI 106	Judaism in the Time of Jesus	3	RELI 430	Dimensions of Evil	3
RELI 108	Classic Jewish Texts: From Bible and Dead Sea Scrolls to Kabbalah and Hassidism	3	RELI 438	Religion, Nature, and Environment ^H	3
RELI 121	Introduction to Religion and Culture ^H	3	RELI 450	Sexuality in Jewish Tradition and History	3
RELI 122	Introduction to Philosophical Approaches to Religion ^H	3	RELI 480	Modern Muslim Literatures	3
RELI 123	Introduction to Jewish Studies	3	RELI 481	Religion, Fundamentalism, and Nationalism	3
RELI 125	Heaven and Hell	3	RELI 503	Exploring the Dead Sea Scrolls ^H	3
RELI 126	Reason, Faith, and God: Philosophy of Western Religion ^H	3	RELI 522	19th-Century Critiques of Religion	3
RELI 132	Religion and Global Justice	3	RELI 530	Genealogies of Religion	3
RELI 135	Religion, Ethics, and Technology ^H	3	RELI 580	African American Islam	3
RELI 138	Religious Freedom	3	RELI 587	Islam and Sexual Diversity	3
RELI 163	Critical Issues in Western Religious Thought	3	RELI 603	The Bible and the History of the Self	3
RELI 185	Women/Gender/Islam ^H	3	RELI 620	Feminism and Religion	3
RELI 220	Religion and Medicine ^H	3	SCLL 85	First-Year Seminar: What Does it Mean to be a Good Citizen?	3
			SCLL 102	Pursuing The Good Life	3
			SCLL 103	Seeking the Just Society	3
			SCLL 132	Philosophy of Education	3
			SCLL 145	The Family in Political Thought	3
			SCLL 150	Foundations of American Civic Life ^H	3

SCLL 160	 The Moral Economy	3	AAAD 101	 Introduction to Africa	3
SCLL 215	 The Politics of Comedy and Tragedy	3	AAAD 102	 Introduction to Media in Africa	3
SCLL 237	 Left, Right, Center	3	AAAD 130	 Introduction to African American and Diaspora Studies	3
SCLL 240	 Free Speech, Fanaticism, and Censorship	3	AAAD 200	 Gender and Sexuality in Africa	3
SCLL 250	 Democracy-Ancient and Modern	3	AAAD 202	 Africa Through Film	3
SCLL 270	 Winning with Words: Democratic Rhetoric	3	AAAD 210	 African Belief Systems: Religion and Philosophy in Sub-Saharan Africa	3
SPHG 429	 Public Health, Entrepreneurship, and Food Systems in Southeast Asia ^H	3	AAAD 212	 Africa in the Global System	3
STOR 323	 Ethics of Machine Learning in Society	3	AAAD 214	 Africa through the Ethnographic Lens	3
WGST 64	 Plantation Lullabies: Literature by and about African American Women	3	AAAD 220	 Media and Democracy in Africa	3
WGST 167	 Gender, Sexuality, and Social Justice in South Asia	3	AAAD 260	 Blackness in Latin America	3
WGST 235	 Motherhood: Politics and Representation	3	AAAD 288	 Global Black Popular Cultures	3
WGST 244	 Gender and Sexuality in Western Christianity ^H	3	AAAD 300	 Cultures of Health and Healing in Africa	3
WGST 275	 Moral and Philosophical Issues of Gender in Society ^H	3	AAAD 302	 West African History, Politics, and Culture	3
WGST 278	 Women in Science	3	AAAD 303	 Islamic Cultures of Contemporary Africa	3
WGST 281	 Gender and Global Change	3	AAAD 315	 Political Protest and Conflict in Africa	3
WGST 368	 Women of Color in Contemporary United States Social Movements	3	AAAD 316	 Sustainable Development: Emergence, Debates, and Dynamics in Africa	3
WGST 393	 Internship in Women's and Gender Studies	3	AAAD 318	 Politics of Art in Africa	3
WGST 424	 Gender Theory and the Study of Religion	3	AAAD 329	 Islamic Cultures and Literatures in Africa	3
WGST 450	 Sexuality in Jewish Tradition and History	3	AAAD 360	 Black Women's Struggles and Resistance in Latin America and the Caribbean	3
			AAAD 362	 Black Latin American Politics	3
			AAAD 387	 HIV/AIDS in Africa and the Diaspora	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 419	 Pan-Africanism and Radical Black Internationalism	3
			AAAD 421	 Introduction to the Languages of Africa	3
			AAAD 434	 African Studies Intercultural and Swahili Experience	3
			AAAD 466	 Race and Gender in the Atlantic World	3
			AAAD 487	 Intellectual Currents in African and African Diaspora Studies	3
			AAAD 488	 Human Rights and Democracy in African Diaspora Communities	3
			AAAD 492	 Urbanism in the Global South	3
			AMST 175	 Introduction to Food Studies: From Science to Society	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 Understanding and Engagement


Students study and engage with global processes shaping the world and its peoples, including those beyond the North Atlantic region (United States, Canada, and Western Europe). They develop deep knowledge of historic or contemporary roles and differential effects of human organizations and actions on global systems.

Global Understanding and Engagement (FC-GLOBAL) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 635).















A single course may be used to fulfill only one Focus Capacity requirement (not including lab).

Approved Courses

Code	Title	Hours
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 57	 First-Year Seminar: Afro-Latinxs in the U.S.	3

AMST 325	 Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3	ARAB 354	 Everyday Lives in the Middle East: Anthropological Perspectives	3
ANTH 102	 Introduction to Cultural Anthropology	3	ARAB 432	 Science and Society in the Middle East	3
ANTH 104	 Introduction to Biocultural Medical Anthropology	3	ARTH 155	 African Art Survey	3
ANTH 123	 Habitat and Humanity	3	ARTH 156	 Introduction to Architecture	3
ANTH 142	 Local Cultures, Global Forces ^H	3	ARTH 200	 Art and Fashion from Rome to Timbuktu	3
ANTH 145	 Introduction to World Prehistory	3	ARTH 277	 Art and Architecture of Viceregal Latin America	3
ANTH 147	 Comparative Healing Systems	3	ARTH 299	 Arts of West Africa	3
ANTH 149	 Great Discoveries in Archaeology	3	ASIA 57	 First-Year Seminar: Dis-Orienting the Orient	3
ANTH 151	 Anthropological Perspectives on Food and Culture	3	ASIA 59	 First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	3
ANTH 204	 From Ayahuasca to Zolof: Anthropological Approaches to Drugs and Drug Use	3	ASIA 60	 First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3
ANTH 210	 Global Issues and Globalization	3	ASIA 61	 First-Year Seminar: A Tour of South Asia's Regional Art Cinemas	3
ANTH 214	 Medicine in the Arab World	3	ASIA 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
ANTH 217	 Human Biology in Comparative Perspective	3	ASIA 72	 First-Year Seminar: Transnational Korea: Literature, Film, and Popular Culture	3
ANTH 231	 The Inca and Their Ancestors: The Archaeology of Andean South America	3	ASIA 73	 First-Year Seminar: Popular Culture in the Arab World	3
ANTH 232	 Ancestral Maya Civilizations ^H	3	ASIA 77	 First-Year Seminar: Women and Performance in Transnational Asia	3
ANTH 233	 Archaeology of Ancient Turkey	3	ASIA 124	 Iranian Post-1979 Cinema	3
ANTH 235	 Origins of Civilization: Archaeology of the British Museum	3	ASIA 126	 Introduction to Persian Literature	3
ANTH 238	 Human Ecology of Africa	3	ASIA 127	 Iranian Women Writers	3
ANTH 252	 Archaeology of Food	3	ASIA 131	 Southeast Asia before 1800 through Digital History	3
ANTH 285	 Climate Change and Health	3	ASIA 132	 Modern Southeast Asia	3
ANTH 319	 Global Health	3	ASIA 133	 Introduction to Chinese History	3
ANTH 325	 Emotions and Society	3	ASIA 134	 Modern East Asia	3
ANTH 328	 Anthropology of Care	3	ASIA 150	 Asia: An Introduction	3
ANTH 330	 Melancholy Japan: Myth, Memory, and Everyday Life	3	ASIA 181	 Islam and Muslim Life since 1500	3
ANTH 334	 Art, Nature, and Climate Change	3	ASIA 183	 Asian Religions	3
ANTH 354	 Everyday Lives in the Middle East: Anthropological Perspectives	3	ASIA 211	 The Silk Road: Markets, Metaphysics, and Music	3
ANTH 355	 Life, Society and Work in the Globalized City	3	ASIA 228	 Contested Souls: Literature, the Arts, and Religious Identity in Modern India	3
ANTH 360	 Latin American Economy and Society	3	ASIA 229	 Breakdancers, Vocaloids, and Gamers: East Asian Youth Cultures	3
ANTH 405	 Mental Health, Psychiatry, and Culture	3	ASIA 256	 Love in Classical Persian Poetry	3
ANTH 429	 Culture and Power in Southeast Asia	3	ASIA 258	 Iranian Prison Literature	3
ANTH 432	 Science and Society in the Middle East	3	ASIA 260	 Languages of Southeast Asia	3
ANTH 445	 Migration and Health	3	ASIA 261	 India and Orientalism	3
ANTH 540	 Planetary Crises and Ecological and Cultural Transitions	3	ASIA 267	 South Asia	3
ANTH 674	 Issues in Cultural Heritage	3			
ARAB 211	 Arab Comics	3			
ARAB 214	 Medicine in the Arab World	3			





ASIA 276	 The Modern Middle East	3	BUSI 463	 Corporate Environmental Stewardship	3
ASIA 277	 The Conflict over Israel/Palestine	3	CHIN 252	 Introduction to Chinese Culture through Narrative	3
ASIA 279	 Islamic Law, Ethics, and Practice	3	CHIN 265	 Imperial China in Global Objects	3
ASIA 286	 Premodern Japanese Religions	3	CHIN 346	 History as Fiction or Fiction as History? Early Chinese History in Film and Literature	3
ASIA 288	 Modern Japan	3	CHIN 356	 Chinese Environmental Literature	3
ASIA 303	 Chinese Religions	3	CHIN 475	 Confucianism: Origin, History, and Contemporary Relevance	3
ASIA 329	 Middle East Women Writers	3	CHIN 525	 Ancient Philosophers and Their Modern Reincarnation	3
ASIA 330	 Melancholy Japan: Myth, Memory, and Everyday Life	3	CHIN 545	 Chinese Science Fiction	3
ASIA 331	 Cracking India: Partition and Its Legacy in South Asia ^H	3	CLAR 200	 Art and Fashion from Rome to Timbuktu	3
ASIA 342	 Cultural Productions of East Asia	3	CLAR 210	 The Archaeology of Warfare in the Ancient World	3
ASIA 358	 Religion and Tradition in Israeli Cinema, TV, and Literature	3	CLAR 250	 Who Owns the Past?: Archaeology, Ethics, and Politics ^H	3
ASIA 359	 Literary Diasporas of the Middle East	3	CLAR 512	 Ancient Synagogues	3
ASIA 379	 Cowboys, Samurai, and Rebels in Film and Fiction ^H	3	CLAS 59	 First-Year Seminar: Ancient Magic and Religion	3
ASIA 380	 Almost Despicable Heroines in Japanese and Western Literature	3	CMPL 143	 History of Global Cinema	3
ASIA 387	 Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3	CMPL 232	 Imagining the City in Modern Korea: Text, Image, Space	3
ASIA 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3	CMPL 256	 Love in Classical Persian Poetry	3
ASIA 427	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3	CMPL 257	 The Crisis of Modernity in World Cinema	3
ASIA 429	 Culture and Power in Southeast Asia	3	CMPL 258	 Iranian Prison Literature	3
ASIA 431	 Persian Sufi Literature	3	CMPL 261	 India and Orientalism	3
ASIA 435	 The Cinemas of the Middle East and North Africa	3	CMPL 275	 Literature of Pilgrimage	3
ASIA 436	 Language, Exile, and Homeland in Zionist Thought and Practice	3	CMPL 288	 Graphic Medicine: The Intersection of Health and Comics	3
ASIA 442	 Postcolonial Literature of the Middle East	3	CMPL 359	 Literary Diasporas of the Middle East	3
ASIA 462	 The Arab-Jews: Culture, Community, and Coexistence	3	CMPL 379	 Cowboys, Samurai, and Rebels in Film and Fiction ^H	3
ASIA 469	 Asian Economic Systems	3	CMPL 380	 Almost Despicable Heroines in Japanese and Western Literature	3
ASIA 471	 Gender and Sexuality in Middle Eastern Literature	3	CMPL 442	 Postcolonial Literature of the Middle East	3
ASIA 483	 Cross-Currents in East-West Literature	3	CMPL 483	 Cross-Currents in East-West Literature	3
ASIA 486	 Islam and Feminism/Islamic Feminism	3	CMPL 527	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3
ASIA 488	 Shinto in Japanese History	3	CMPL 535	 The Cinemas of the Middle East and North Africa	3
ASIA 489	 Animals in Japanese Religion	3	CMPL 545	 Chinese Science Fiction	3
ASIA 581	 Sufism	3	COMM 387	 Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
ASIA 582	 Islam and Islamic Art in South Asia	3	DRAM 80	 First-Year Seminar: Psychology of Clothes: Motivations for Dressing Up and Dressing Down ^H	3
ASIA 583	 Religion and Culture in Iran, 1500-Present	3	DRAM 486	 Latin American Theatre	3
BUSI 305	 Business German	3	ECON 362	 Exploring Economies	3

ECON 460	 International Economics	3	GEOG 266	 Society and Environment in Southeast Asia	3
ECON 465	 Economic Development	3	GEOG 267	 South Asia	3
ECON 469	 Asian Economic Systems	3	GEOG 268	 Geography of Africa	3
EDUC 320	 Navigating Education in Borderlands	3	GEOG 269	 Human-Environment Interactions in the Galapagos Islands	3
ENEC 201	 Introduction to Environment and Society ^H	4	GEOG 428	 Global Cities: Space, Power, and Identity in the Built Environment	3
ENEC 238	 Human Ecology of Africa	3	GEOG 435	 Global Environmental Justice	3
ENEC 371	 Energy Policy	3	GEOG 437	 Social Vulnerability to Climate Change	3
ENEC 437	 Social Vulnerability to Climate Change	3	GEOG 451	 Population, Development, and the Environment	3
ENEC 451	 Population, Development, and the Environment	3	GEOG 459	 Law, Indigenous Knowledge Systems and Environmental Activism in Latin America	3
ENEC 463	 Corporate Environmental Stewardship	3	GEOG 460	 Geographies of Economic Change	3
ENGL 141	 World Literatures in English	3	GERM 301	 Advanced Spoken German: Vielfalt in Media	3
ENGL 279	 Migration and Globalization	3	GERM 302	 Advanced Written German: Vielfalt in Analytic and Creative Writing	3
ENGL 359	 Latina Feminisms: Civil Rights, Ecofeminism, and Health Studies	3	GERM 304	 German for the Professions	3
ENGL 394	 Misbehaving Bodies: Dis/ease, Dis/order, & Dys/topia in Latinx Fiction and Film	3	GERM 305	 Business German	3
ENGL 464	 Latinx Hybrid Narrative: Experimental Fiction and Film	3	GERM 587	 Theories of Migration of the 20th and 21st Centuries	3
EURO 239	 Introduction to European Government ^H	3	GLBL 210	 Global Issues and Globalization	3
EURO 442	 International Political Economy	3	GLBL 221	 The Migratory Experience	3
EURO 460	 International Economics	3	GLBL 300	 Apology, Forgiveness, and Reconciliation - The Case of Northern Ireland	3
EURO 486	 Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3	GLBL 383	 Global Whiteness	3
EURO 492	 Diversity in the European Union	3	GLBL 401	 Right Wing Populism in Global Perspective ^H	3
FOLK 334	 Art, Nature, and Climate Change	3	GLBL 413	 Socialist and Decolonial Ecologies	3
FOLK 429	 Culture and Power in Southeast Asia	3	GLBL 481	 NGO Politics ^H	3
FREN 150	 Globalization and the French-Speaking World	3	GLBL 483	 Comparative Health Systems ^H	3
FREN 255	 Conversation I ^H	3	GLBL 486	 Sports and Globalization ^H	3
FREN 262	 Cultural and Linguistic Variety in the French-Speaking World	3	GLBL 487	 Social Movements: Rethinking Globalization ^H	3
FREN 280	 French "Discoveries" of the Americas in Translation	3	GSLI 260	 From Berlin to Budapest: Literature, Film, and Culture of Central Europe	3
FREN 288	 Francophone Caribbean Literature in Translation	3	GSLI 287	 Into the Streets: 1968 and Dissent in Central Europe	3
FREN 310	 Conversation and Composition II	3	GSLI 288	 Graphic Medicine: The Intersection of Health and Comics	3
FREN 350	 Current Societal Issues: France and Beyond	3	GSLI 435	 The Origins of Culture: Translation and Self-Translation in Hebrew, Yiddish, and Beyond	3
FREN 372	 French and Francophone Studies since 1789	3	GSLI 481	 Grand Hotels and Empty Fields: Inventing Central Europe through Culture	3
FREN 436	 Currents in Caribbean Literature	3	GSLI 492	 Diversity in the European Union	3
GEOG 64	 First-Year Seminar: Vietnam	3	HIST 74	 First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	3
GEOG 121	 Geographies of Globalization	3	HIST 77	 First-Year Seminar: United States and the Caribbean	3
GEOG 130	 Development and Inequality: Global Perspectives	3			
GEOG 210	 Global Issues and Globalization	3			
GEOG 212	 Environmental Conservation and Global Change	3			
GEOG 259	 Society and Environment in Latin America	3			

HIST 86H	 First-Year Seminar: Witchcraft and Magic in the Early Modern Atlantic World	3	HIST 315	 Nation-Building in Latin America ^H	3
HIST 131	 Southeast Asia before 1800 through Digital History	3	HIST 335	 Cracking India: Partition and Its Legacy in South Asia ^H	3
HIST 132	 Modern Southeast Asia	3	HIST 339	 Asia and the Birth of Global Capitalism, 1400-1850	3
HIST 133	 Introduction to Chinese History	3	HIST 343H	 Empire, Race, and Resistance	3
HIST 134	 Modern East Asia	3	HIST 507	 Geopolitical Rivalry, Development, and Global Capitalism, 1900-1950	3
HIST 140	 The World since 1945	3	HIST 580	 International Relations and Public History	3
HIST 142	 Latin America under Colonial Rule	3	HNUR 306	 Advanced Hindi-Urdu II	3
HIST 158	 Early Modern European History, 1450-1815	3	HNUR 407	 South Asian Society and Culture	3
HIST 162	 Russia under the Last Tsars and Soviet Commissars	3	HNUR 409	 Sex and Social Justice in South Asia	3
HIST 189	 The Global World Order from World War II to the Present ^H	3	IDST 123I	 Borders and Boundaries	3
HIST 204	 Global Environmental Histories: People, Climate, and Landscapes	3	ITAL 204	 Intermediate Italian II	3
HIST 207	 The Global Cold War	3	ITAL 365	 Italian Food and Culture	3
HIST 210	 Global Issues and Globalization	3	JAPN 162	 Japanese Popular Culture	3
HIST 215	 Peoples, Cultures, and Landscapes of Latin America	3	JAPN 231	 Ancient and Medieval Japanese History and Culture	3
HIST 220	 The Olympic Games: A Global History ^H	3	JAPN 246	 Early Modern Japanese History and Culture	3
HIST 240	 Introduction to Mexico: A Nation in Four Revolutions	3	JAPN 417	 Japanese Culture through Film and Literature	3
HIST 242	 United States-Latin American Relations	3	JAPN 482	 Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan	3
HIST 243	 The United States and Africa ^H	3	JWST 60	 First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3
HIST 245	 The United States and the Cold War: Origins, Development, Legacy	3	JWST 112	 A Global History of the Bible	3
HIST 246	 The Long Cold War: U.S. Foreign Relations in the 20th and 21st Centuries	3	JWST 358	 Religion and Tradition in Israeli Cinema, TV, and Literature	3
HIST 247	 Early Modern Japanese History and Culture	3	JWST 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3
HIST 260	 From Kings to Communists: East-Central Europe in the Modern Era ^H	3	JWST 435	 The Origins of Culture: Translation and Self-Translation in Hebrew, Yiddish, and Beyond	3
HIST 265	 Imperial China in Global Objects	3	JWST 436	 Language, Exile, and Homeland in Zionist Thought and Practice	3
HIST 271	 Ancient and Medieval Japanese History and Culture	3	JWST 462	 The Arab-Jews: Culture, Community, and Coexistence	3
HIST 273	 Water, Conflict, and Connection in the Middle East	3	JWST 480	 Russian-Soviet Jewish Culture: Lofty Dreams and Stark Realities ^H	3
HIST 274	 History of the Ottoman Empire, 1300-1923	3	JWST 512	 Ancient Synagogues	3
HIST 276	 The Modern Middle East	3	KOR 150	 History, Memory, and Reality in Contemporary Korea	3
HIST 277	 The Conflict over Israel/Palestine	3	KOR 151	 Education and Social Changes in Contemporary Korea	3
HIST 278	 The Trans-Atlantic Slave Trade ^H	3	KOR 232	 Imagining the City in Modern Korea: Text, Image, Space	3
HIST 285	 20th-Century China	3	KOR 306	 Advanced Korean II	3
HIST 288	 Modern Japan	3	KOR 327	 Global Korea: Migration, Identity, and Community in the Korean Diaspora	3
HIST 313	 Women and the Law in Africa and the Middle East	3			
HIST 314	 Law and Society in Latin America	3			

KOR 407	 Modern Korean Literature and Culture	3	POLI 130	 Introduction to Comparative Politics ^H	3
KOR 408	 Changes and Continuities in Korean History	3	POLI 150	 International Relations and Global Politics ^H	3
KOR 409	 Korean Through Current Affairs	3	POLI 210	 Global Issues and Globalization	3
LGLA 402	 Elementary Lingala II	3	POLI 212	 Principles of Political Science	3
LING 260	 Languages of Southeast Asia	3	POLI 215	 Political Psychology: An Introduction	3
LING 305	 Race against Time: Language Revitalization	3	POLI 233	 Comparative Politics of the Middle East ^H	3
LTAM 101	 Introduction to Latin American Studies	3	POLI 235	 The Politics of Russia and Eurasia ^H	3
LTAM 215	 Peoples, Cultures, and Landscapes of Latin America	3	POLI 237	 The Politics of China	3
LTAM 314	 Law and Society in Latin America	3	POLI 238	 Politics of the Global South: Latin America ^H	3
LTAM 362	 Black Latin American Politics	3	POLI 239	 Introduction to European Government ^H	3
LTAM 402	 Heritage and Migration in North Carolina	3	POLI 241	 Comparative Political Behavior ^H	3
LTAM 459	 Law, Indigenous Knowledge Systems and Environmental Activism in Latin America	3	POLI 255	 International Migration and Citizenship Today ^H	3
MEJO 446	 Global Communication and Comparative Journalism	3	POLI 256	 The Politics of the First Era (1880-1914) of Globalization	3
MEJO 447	 Media in the United Kingdom ^H	3	POLI 260	 Crisis and Change in Russia and Eastern Europe	3
MEJO 584	 International Projects ^H	3	POLI 442	 International Political Economy	3
MUSC 146	 Introduction to World Musics	3	PORT 388	 Portuguese, Brazilian, and African Identity in Film	3
MUSC 234	 World Musics in Theory and Practice	3	PORT 420	 Portuguese Language and Culture for the Professions	3
MUSC 251	 Studies in Medieval and Early Modern Music	3	PORT 520	 Climate Change and the Cultural Imagination: Lusophone Interpretations	3
MUSC 258	 Musical Movements: Migration, Exile, and Diaspora	3	PWAD 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
MUSC 269	 Music in the Community	3	PWAD 110	 Global Policy Issues ^H	3
NAVS 311	 Evolution of Warfare	3	PWAD 132	 Modern Southeast Asia	3
NAVS 401	 Naval Operations	4	PWAD 134	 Modern East Asia	3
NURS 320	 Culture and Nursing Care	3	PWAD 150	 International Relations and Global Politics ^H	3
NUTR 175	 Introduction to Food Studies: From Science to Society	3	PWAD 207	 The Global Cold War	3
PHIL 213	 Asian Philosophy	3	PWAD 210	 The Archaeology of Warfare in the Ancient World	3
PLAN 428	 Global Cities: Space, Power, and Identity in the Built Environment	3	PWAD 245	 The United States and the Cold War: Origins, Development, Legacy	3
PLAN 511	 Planning the World: Urban Planning outside the U.S.	3	PWAD 250	 Introduction to Peace and Security Studies	3
PLAN 576	 Urbanism in the Global South	3	PWAD 260	 Crisis and Change in Russia and Eastern Europe	3
PLCY 51	 First-Year Seminar: The Global Environment in the 21st Century	3	PWAD 273	 Water, Conflict, and Connection in the Middle East	3
PLCY 54	 First-Year Seminar: U.S. Immigration	3	PWAD 277	 The Conflict over Israel/Palestine	3
PLCY 110	 Global Policy Issues ^H	3	PWAD 300	 Apology, Forgiveness, and Reconciliation - The Case of Northern Ireland	3
PLCY 356	 Public Interest Technology	3	PWAD 331	 Cracking India: Partition and Its Legacy in South Asia ^H	3
PLCY 371	 Energy Policy	3	PWAD 359	 Comparative History of National Intelligence Regimes ^H	3
POLI 57	 First-Year Seminar: Democratic Governance in Contemporary Latin America	3			
POLI 77	 Immigrants and Refugees in World Politics	3			
POLI 79	 First-Year Seminar: Global Politics of Climate Change	3			

PWAD 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3	RELI 583	 Religion and Culture in Iran, 1500-Present	3
PWAD 427	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3	RELI 586	 Women and Gender in Japanese Religions	3
PWAD 435	 The Cinemas of the Middle East and North Africa	3	ROML 63	 First Year Seminar: Forging Alliances: Religion, War, and Cultural Transference on the Camino	3
PWAD 460	 International Economics	3	RUSS 280	 Russian Villains, Western Screens: Ethno-Cultural Stereotypes on Page and Stage, in Movies and Minds	3
PWAD 462	 The Arab-Jews: Culture, Community, and Coexistence	3	RUSS 410	 Intermediate-to-Advanced Russian Communication, Conversation, and Composition in Context II	3
PWAD 481	 Religion, Fundamentalism, and Nationalism	3	RUSS 480	 Russian-Soviet Jewish Culture: Lofty Dreams and Stark Realities ^H	3
PWAD 483	 Conflict, Development, and U.S. Foreign Policy	3	RUSS 486	 Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3
RELI 64	 First-Year Seminar: Reintroducing Islam	3	SCLL 207	 The Global Cold War	3
RELI 77	 First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence	3	SOCI 180	 Introduction to Global Population Health	3
RELI 112	 A Global History of the Bible	3	SOCI 260	 Crisis and Change in Russia and Eastern Europe	3
RELI 114	 Early Christian Worship, Ritual, and Bodies	3	SOCI 419	 Sociology of the Islamic World	3
RELI 132	 Religion and Global Justice	3	SPAN 170	 Reading América Now. Fourteen Spanish American Prose Fictions Written While You've Been Around	3
RELI 150	 Indigenous Religion in the Americas	3	SPAN 255	 Conversation I ^H	3
RELI 151	 Religion in Latin America	3	SPAN 338	 Trans-Atlantic Cultural Topics	3
RELI 165	 Mysticism ^H	3	SPAN 344	 Latin American Cultural Topics	3
RELI 167	 Global Christianity	3	SPHG 428	 Public Health Entrepreneurship ^H	3
RELI 181	 Islam and Muslim Life since 1500	3	SPHG 429	 Public Health, Entrepreneurship, and Food Systems in Southeast Asia ^H	3
RELI 183	 Asian Religions	3	SWAH 404	 Intermediate Kiswahili IV	3
RELI 205	 Sacrifice in the Ancient World ^H	3	SWAH 405	 Advanced Kiswahili V	3
RELI 215	 Eastern Christian Cultures: Middle East, Asia, Africa, and Eastern Europe	3	SWAH 406	 Advanced Plus Kiswahili VI	3
RELI 220	 Religion and Medicine ^H	3	WGST 127	 Iranian Women Writers	3
RELI 233	 Religion and Violence	3	WGST 200	 Gender and Sexuality in Africa	3
RELI 279	 Islamic Law, Ethics, and Practice	3	WGST 281	 Gender and Global Change	3
RELI 286	 Premodern Japanese Religions	3	WGST 313	 Women and the Law in Africa and the Middle East	3
RELI 288	 Chinese Religions	3	WGST 325	 Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3
RELI 352	 Anthropology of Christianity	3	WGST 329	 Middle East Women Writers	3
RELI 385	 Modern Muslims and the Qur'an	3	WGST 337	 African Gender History	3
RELI 387	 Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3	WGST 350	 Spitting in the Wind: "American" Women, Art, and Activism	3
RELI 427	 Spirit Possession and Mediumship	3	WGST 380	 Almost Despicable Heroines in Japanese and Western Literature	3
RELI 481	 Religion, Fundamentalism, and Nationalism	3	WGST 388	 The International Politics of Sexual and Reproductive Health	3
RELI 486	 Islam and Feminism/Islamic Feminism	3	WGST 410	 Comparative Queer Politics	3
RELI 488	 Shinto in Japanese History	3			
RELI 489	 Animals in Japanese Religion	3			
RELI 512	 Ancient Synagogues	3			
RELI 541	 Evangelicalism from a Global Perspective ^H	3			
RELI 581	 Sufism	3			
RELI 582	 Islam and Islamic Art in South Asia	3			

WGST 445	 Migration and Health	3
WGST 465	 Gender, (Im)migration, and Labor in Latina Literature	3
WGST 471	 Gender and Sexuality in Middle Eastern Literature	3
WGST 486	 Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	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.



















Natural Scientific Investigation


































Students learn how to make and interpret scientific descriptions and explanations of the natural world, practice the skills of scientific inquiry, and evaluate scientific evidence within the contexts of both scientific communities and society.






Natural Scientific Investigation (FC-NATSCI) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 635).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).

Approved Courses

Code	Title	Hours
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 ^H	3
ASTR 102	 Introduction to Astronomy: Stars, Galaxies & Cosmology ^H	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 66	 First-year seminar: Evolution and the Science of Life	3
BIOL 75	 First-Year Seminar: Biodiversity and Citizen Science ^H	3
BIOL 101	 Principles of Biology ^H	3
BIOL 103	 How Cells Function	3
BIOL 104	 Biodiversity ^H	3
BIOL 204	 The Microbial World: Foundations in Structure, Metabolism, and Ecology	3
BIOL 220	 Molecular Genetics ^H	3
BIOL 252	 Fundamentals of Human Anatomy and Physiology ^H	3
BIOL 255	 The Evolution of Extraordinary Adaptations ^H	4
BIOL 271	 Plant Biology	3
BIOL 274	 Plant Diversity	3
BIOL 465	 Global Biodiversity and Macroecology	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 ^H	3
CHEM 102	 General Descriptive Chemistry II ^H	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
EMES 204	 The Microbial World: Foundations in Structure, Metabolism, and Ecology	3
EMES 306	 Earth Systems History	3
EMES 314	 Earth Systems in a Changing World	3
EMES 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
ENEC 202	 Introduction to the Environmental Sciences	4
ENEC 203	 Introduction to Environmental Science Problem Solving	3
ENEC 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
ENEC 465	 Global Biodiversity and Macroecology	3
ENVR 135	 Environment-ECUIPP Lab: Connecting with communities through environmental research for Public Health	3
GEOG 50	 First-Year Seminar: Mountain Environments ^H	3
GEOG 65	 First-Year Seminar: Climate Change in the Media ^H	3
GEOG 68	 First-Year Seminar: Freshwaters in the Anthropocene	3

GEOG 110	 The Blue Planet: An Introduction to Earth's Environmental Systems ^H	3
GEOG 111	 Weather and Climate	3
GEOG 141	 Geography for Future Leaders	3
GEOG 212	 Environmental Conservation and Global Change	3
GEOG 237	 Natural Resources	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 ^H	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 ^H	3
NSCI 419	 Behavioral Endocrinology	3
NSCI 568	 Emotion	3
PHIL 351	 Philosophy of Physics ^H	3
PHYS 51	 First-Year Seminar: The Interplay of Music and Physics	3
PHYS 55	 First-Year Seminar: Introduction to Mechatronics	4
PHYS 100	 How Things Work	4
PHYS 101	 Basic Concepts of Physics	4
PHYS 114	 General Physics I: For Students of the Life Sciences	4
PHYS 115	 General Physics II: For Students of the Life Sciences	4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^H	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^H	4
PHYS 281L	 Experimental Techniques in Physics	3
PLAN 647	 Coastal Management Policy	3
PLAN 656	 Climate Change Impacts and Adaptation	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.







Quantitative Reasoning


Students learn to comprehend and apply mathematical concepts in authentic contexts, developing tools for reasoning with data, logic, and quantitative methods.

Quantitative Reasoning (FC-QUANT) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 635).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).

Approved Courses

Code	Title	Hours
ANTH 404	 Agent-Based Modeling of Social-Ecological Systems	3
ANTH 419	 Anthropological Application of GIS	3
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 ^H	3
ASTR 102	 Introduction to Astronomy: Stars, Galaxies & Cosmology ^H	3
ASTR 103	 Alien Life in the Universe	3
BIOL 75	 First-Year Seminar: Biodiversity and Citizen Science ^H	3
BIOL 115	 Reasoning with Data: Navigating a Quantitative World	3
BIOL 222	 Introduction to Programming with Biological Data	3
BIOL 465	 Global Biodiversity and Macroecology	3
BIOL 544L	 Laboratory in Diseases of the Cytoskeleton	3
CLAR 270	 Quantifying the Past: Big Data and Big Questions in Classical Archaeology	3
COMP 110	 Introduction to Programming ^H	3
COMP 283	 Discrete Structures ^H	3
COMP 550	 Algorithms and Analysis	3
DATA 110	 Introduction to Data Science ^H	3
ECON 400	 Introduction to Data Science and Econometrics ^H	4
ECON 445	 Industrial Organization	3
ECON 470	 Econometrics ^H	3
ECON 571	 Advanced Econometrics	3
EMES 203	 Data Analysis for Earth, Marine, and Environmental Sciences	3
ENEC 203	 Introduction to Environmental Science Problem Solving	3
ENEC 404	 Agent-Based Modeling of Social-Ecological Systems	3
ENEC 419	 Anthropological Application of GIS	3

ENEC 465	 Global Biodiversity and Macroecology	3	MEJO 379	 Advertising and Public Relations Research	3
ENEC 473	 Business and Finance Fundamentals for Change Makers	3	MEJO 479	 Market Intelligence ^H	3
ENGL 482	 Metadata, Mark-up, and Mapping: Understanding the Rhetoric of Digital Humanities	3	MEJO 570	 Data Driven Journalism	3
ENVR 135	 Environment-ECUIPP Lab: Connecting with communities through environmental research for Public Health	3	NAVS 301	 Naval Ships Engineering Systems	3
ENVR 335	 Adv Environ-ECUIPP Lab: Connecting with Communities Through Environmental Research for PH Protection	3	NAVS 302	 Naval Weapons Systems	3
GEOG 215	 Introduction to Spatial Data Science	3	NSCI 419	 Behavioral Endocrinology	3
GEOG 370	 Introduction to Geographic Information	3	PHIL 105	 How to Reason and Argue: An Introduction to Critical Thinking	3
GEOG 410	 Modeling of Environmental Systems	3	PHIL 155	 Truth and Proof: Introduction to Mathematical Logic ^H	3
GEOG 456	 Geovisualizing Change	3	PHIL 157	 Logic and Decision Theory ^H	3
GEOG 477	 Introduction to Remote Sensing of the Environment	3	PHIL 251	 Inductive Logic and the Scientific Method	3
GEOG 567	 Geospatial Data Analysis with Google Earth Engine	3	PHIL 357	 Induction, Probability, and Confirmation	3
GEOG 577	 Advanced Remote Sensing	3	PHIL 455	 Symbolic Logic	3
GEOG 591	 Applied Issues in Geographic Information Systems	3	PHIL 456	 Advanced Symbolic Logic	3
GEOG 592	 Geographic Information Science Programming	3	PHYS 55	 First-Year Seminar: Introduction to Mechatronics	4
GSLI 402	 Voices of Diversity: Social Perspectives on Second Language Acquisition	3	PHYS 101	 Basic Concepts of Physics	4
LING 333	 Human Language and Animal Communication Systems	3	PHYS 114	 General Physics I: For Students of the Life Sciences	4
LING 401	 Introduction to Computational Linguistics	3	PHYS 115	 General Physics II: For Students of the Life Sciences	4
LING 402	 Voices of Diversity: Social Perspectives on Second Language Acquisition	3	PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^H	4
LING 520	 Linguistic Phonetics	3	PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^H	4
LING 540	 Mathematical Linguistics	3	PHYS 231	 Physical Computing ^H	4
LING 558	 Ancient Mayan Hieroglyphs	3	PLAN 363	 Personal Finance, Wealth Building, and Public Policy	3
MATH 115	 Reasoning with Data: Navigating a Quantitative World	3	PLAN 364	 Personal Finance II: Investing and Public Policy	3
MATH 116	 Intuitive Calculus	3	PLAN 372	 Introduction to Urban Data Analytics	3
MATH 117	 Aspects of Finite Mathematics	3	PLAN 637	 Public Transportation	3
MATH 118	 Aspects of Modern Mathematics	3	PLCY 460	 Quantitative Analysis for Public Policy ^H	4
MATH 119	 Introduction to Mathematical Modeling	3	PLCY 505	 Data Science for Public Policy and Decision Making	4
MATH 130	 Precalculus Mathematics	3	POLI 209	 Analyzing Public Opinion ^H	3
MATH 152	 Calculus for Business and Social Sciences	3	POLI 281	 Data in Politics I: An Introduction	3
MATH 210	 Mathematical Tools for Data Science	3	POLI 287	 Strategy and International Relations	3
MATH 231	 Calculus of Functions of One Variable I ^H	4	POLI 288	 Strategy and Politics	3
MATH 232	 Calculus of Functions of One Variable II ^H	4	POLI 439	 Analyzing European Public Opinion	3
MATH 233	 Calculus of Functions of Several Variables ^H	4	POLI 487	 Networks in International Relations	3
MATH 235	 Mathematics for Data Science	4	PSYC 115	 Reasoning with Data: Navigating a Quantitative World	3
			PSYC 210	 Statistical Principles of Psychological Research ^H	3

PSYC 535	 Programming for Psychologists: Computational Tools for Psychological Research	3
PWAD 287	 Strategy and International Relations	3
SOCI 180	 Introduction to Global Population Health	3
SOCI 251	 Research Methods	3
SOCI 252	 Data Analysis	3
STOR 113	 Decision Models for Business and Economics	3
STOR 115	 Reasoning with Data: Navigating a Quantitative World	3
STOR 120	 Foundations of Statistics and Data Science ^H	4
STOR 151	 Introduction to Data Analysis	3
STOR 155	 Introduction to Data Models and Inference ^H	3
STOR 215	 Foundations of Decision Sciences	3
STOR 235	 Mathematics for Data Science	4
STOR 305	 Introduction to Decision Analytics	3
STOR 315	 Discrete Mathematics for Data Science	4
STOR 320	 Methods and Models of Data Science	4

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Ways of Knowing







































Students develop intellectual humility, learning to question assumptions, categories, and norms that structure their worldviews and to understand the sources and effects of biases. They learn, use, and distinguish strengths and weaknesses of one or more approach(es) to knowledge of the unfamiliar, such as: aesthetically, philosophically, linguistically, historically, or culturally remote forms of knowledge and worldmaking, or formal logic, scientific practice, and similar formalized approaches to countering bias and creating knowledge.

Ways of Knowing (FC-KNOWING) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 635).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).













































































Approved Courses

Code	Title	Hours
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 210	 African Belief Systems: Religion and Philosophy in Sub-Saharan Africa	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 414	 Senegalese Society and Culture	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 ^H	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 ^H	3
AMST 262	 Public History and Museum Practice	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 375	 Critical Issues in Contemporary Food Studies	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
AMST 575	 The American Cookbook in Theory and Practice	3
ANTH 53	 First-Year Seminar: Darwin's Dangerous Idea ^H	3
ANTH 62	 First-Year Seminar: Indian Country Today	3
ANTH 67	 First-Year Seminar: Blackness and Racialization: A Multidimensional Approach	3
ANTH 70	 First-Year Seminar: By Persons Unknown: Race and Reckoning in North Carolina ^H	3
ANTH 101	 Humans: An Introduction to Anthropology ^H	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 ^H	3
ANTH 237	 Food, Environment, and Sustainability	3
ANTH 270	 Living Medicine	3

ANTH 278	 Women in Science	3	ARTH 253	 Art History in Motion: Looking, Hearing, Sensing H	3
ANTH 280	 Anthropology of War and Peace	3	ARTH 387	 20th-Century African American Art	3
ANTH 284	 Culture and Consumption	3	ARTS 364	 The Walking Seminar: A Territorial Investigation	3
ANTH 291	 Archaeological Theory and Practice	3	ASIA 56	 First-Year Seminar: Writing Women in Modern China ^H	3
ANTH 294	 Anthropological Perspectives on Society and Culture	3	ASIA 57	 First-Year Seminar: Dis-Orienting the Orient	3
ANTH 298	 Biological Anthropology Theory and Practice	3	ASIA 59	 First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	3
ANTH 303	 Native Languages of the Americas	3	ASIA 65	 First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3
ANTH 315	 Human Genetics and Evolution	3	ASIA 73	 First-Year Seminar: Popular Culture in the Arab World	3
ANTH 325	 Emotions and Society	3	ASIA 74	 First-Year Seminar: Imagining Palestine	3
ANTH 326	 Practicing Medical Anthropology	3	ASIA 75	 First-Year Seminar: Love in China	3
ANTH 328	 Anthropology of Care	3	ASIA 135	 History of the Indian Subcontinent to 1750	3
ANTH 330	 Melancholy Japan: Myth, Memory, and Everyday Life	3	ASIA 150	 Asia: An Introduction	3
ANTH 331	 The Anthropology of Memory	3	ASIA 152	 Survey of South Asian Cultural History	3
ANTH 347	 Anthropology of Travel and Tourism	3	ASIA 163	 Hindi-Urdu Poetry in Performance	3
ANTH 348	 Gender, Sexuality, and Health	3	ASIA 164	 Music of South Asia	3
ANTH 354	 Everyday Lives in the Middle East: Anthropological Perspectives	3	ASIA 180	 Islam and Muslim Life before 1500	3
ANTH 355	 Life, Society and Work in the Globalized City	3	ASIA 183	 Asian Religions	3
ANTH 405	 Mental Health, Psychiatry, and Culture	3	ASIA 229	 Breakdancers, Vocaloids, and Gamers: East Asian Youth Cultures	3
ANTH 406	 Native Writers	3	ASIA 231	 Bollywood Cinema	3
ANTH 424	 Ritual, Festival, and Public Culture	3	ASIA 279	 Islamic Law, Ethics, and Practice	3
ANTH 427	 Race	3	ASIA 285	 Monks, Magic, & Meditation: Theravada Buddhism Across Space and Time	3
ANTH 430	 War, Medicine, and the Military	3	ASIA 287	 Modern Japanese Religions	3
ANTH 432	 Science and Society in the Middle East	3	ASIA 300	 The Buddhist Tradition: India, Nepal, and Tibet	3
ANTH 449	 Anthropology and Marxism	3	ASIA 330	 Melancholy Japan: Myth, Memory, and Everyday Life	3
ANTH 450	 Ethnographic Research Methods	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 540	 Planetary Crises and Ecological and Cultural Transitions	3	ASIA 382	 The Story of Rama in Indian Culture-- Experiential	3
ANTH 582	 Fieldwork with Social Models of Well-Being	3	ASIA 383	 The Mahabharata: Remembered and Reimagined--Experiential	3
ANTH 624	 Anthropology and Public Health	3	ASIA 387	 Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
ARAB 150	 Introduction to Arab Cultures	3	ASIA 489	 Animals in Japanese Religion	3
ARAB 151	 Arabic Literature through the Ages	3	ASIA 522	 Beauty and Power in the Classical Indian World	3
ARAB 214	 Medicine in the Arab World	3	ASTR 105	 Time, Tides, and the Measurement of the Cosmos ^H	3
ARAB 255	 Arab World Photography	3			
ARAB 354	 Everyday Lives in the Middle East: Anthropological Perspectives	3			
ARAB 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			
ARTH 150	 The Visual World ^H	3			
ARTH 210	 The Visual Culture of News, Past and Present	3			


ASTR 205	 The Medieval Foundations of Modern Cosmology	3	CMPL 150	 Critical Theory: Fear, Love, Laughter, and Loss - Film Genres and Spectatorship	3
BMME 398	 Biomedical Engineering Design and Manufacturing II ^H	2	CMPL 230	 Global Crusoe: The Desert-Island Idea in Film and Fiction	3
BUSI 405	 Leading and Managing: An Introduction to Organizational Behavior	3	CMPL 240	 Introduction to Film Theory	3
CHIN 150	 Introduction to Chinese Civilization	3	CMPL 250	 Approaches to Comparative Literature ^H	3
CHIN 253	 Chinese Language and Society	3	CMPL 251	 Introduction to Literary Theory	3
CHIN 255	 Bandit or Hero: Outlawry in Chinese Literature and Films	3	CMPL 254	 Horror and the Global Gothic: Film, Literature, Theory	3
CHIN 407	 Readings in Modern Chinese I	3	CMPL 259	 Ideology and Aesthetics: Marxism and Literature	3
CHIN 408	 Lens on China: Learning Chinese via Films	3	CMPL 260	 Landscape: Re-Imagining the Natural World	3
CHIN 439	 Environmental China: Premodern Political Ecology	3	CMPL 266	 Weimar Cinema	3
CHIN 463	 Narrative Ethics in Modern China	3	CMPL 279	 Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3
CHIN 464	 The City in Modern Chinese Literature and Film	3	CMPL 280	 Film Genres	3
CHIN 551	 Chinese Poetry in Translation	3	CMPL 382	 Film and Nature	3
CHIN 562	 Contemporary Chinese Urban Culture and Arts	3	CMPL 386	 Adolescence in 20th- and 21st-Century Literature	3
CLAR 110	 The Archaeology of Palestine in the New Testament Period	3	CMPL 420	 Film, Photography, and the Digital Image	3
CLAR 115	 Life in the Roman Army	3	CMPL 454	 Literature of the Continental Renaissance in Translation ^H	3
CLAR 248	 Italy Before the Romans	3	CMPL 462	 Realism and Naturalism	3
CLAR 374	 The Archaeology of Death	3	CMPL 463	 Cinema and Surrealism	3
CLAR 475	 Provinces and Frontiers of the Roman Empire	3	CMPL 466	 Modernism	3
CLAR 492	 Archaeology of Greek Sanctuaries	3	CMPL 467	 Contemporary German and Austrian Cinema	3
CLAS 61	 First-Year Seminar: Writing the Past ^H	3	CMPL 468	 Aestheticism	3
CLAS 67	 First-Year Seminar: Helen of Troy: From Homer to Hollywood	3	CMPL 470	 Concepts and Perspectives of the Tragic	3
CLAS 131	 Classical Mythology ^H	3	CMPL 487	 Literature and the Arts of Love	3
CLAS 240	 Women in Greek Art and Literature ^H	3	CMPL 547	 Documenting Diasporas: Korean Diasporas in Films and Documentaries	3
CLAS 241	 Women in Ancient Rome ^H	3	CMPL 579	 What is a Medium? German Media Theory from Aesthetics to Cultural Techniques	3
CLAS 243	 Race and Ethnicity in the Ancient Mediterranean	3	COMM 160	 Introduction to Performance Studies ^H	3
CLAS 259	 Pagans and Christians	3	COMM 325	 Introduction to Organizational Communication ^H	3
CLAS 260	 Ancient Medicine ^H	3	COMM 340	 The Social Life of Things	3
CLAS 363	 Latin and Greek Lyric Poetry in Translation ^H	3	COMM 345	 Gender and Film	3
CLAS 365	The Lives of Others from Herodotus to Tacitus	3	COMM 350	Practices of Cultural Studies	3
CLAS 409	Greek and Roman Historians ^H	3	COMM 387	Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
CMPL 55	First-Year Seminar: Comics as Literature	3	COMM 412	Critical Theory	3
CMPL 130	Great Books II ^H	3	COMM 422	Family Communication ^H	3
CMPL 131	Great Books II: Savage, Native, Stranger, Other	3	COMM 450	Media and Popular Culture	3
CMPL 132	Great Books II: Performance and Cultural Identity in the African Diaspora	3	COMM 453	The History of New Media Technology in Everyday Life	3
CMPL 134	Great Books II: Travel and Identity ^H	3			
CMPL 144	Engaging Film and Media	3			

COMM 455	 Sound Studies	3	ENGL 115	 History of the English Language	3
COMM 466	 Advanced Study in Performing Literature	3	ENGL 117	 Arguing on the Internet: Rhetoric in the Age of Social Media	3
COMM 499	 The Dark Side of Interpersonal Communication	3	ENGL 121	 British Literature, 19th and Early 20th Century ^H	3
COMM 526	 Critical-Cultural Approaches to Organizational Communication	3	ENGL 123	 Introduction to Fiction ^H	3
DATA 130	 Critical Data Literacy	3	ENGL 124	 Contemporary Literature	3
ECON 55	 First-Year Seminar: Economics of Sports ^H	3	ENGL 125	 Introduction to Poetry	3
ECON 100	 Economic Principles	3	ENGL 126	 Introduction to Drama	3
ECON 101	 Introduction to Economics ^H	4	ENGL 128	 Major American Authors	3
ECON 111	 The Economics of Entrepreneurship and Innovation	3	ENGL 135H	 First-Year Honors: Types of Literature	3
ECON 345	 Public Policy Toward Business	3	ENGL 142	 Film Analysis ^H	3
ECON 410	 Intermediate Microeconomics ^H	4	ENGL 143	 Film and Culture	3
ECON 571	 Advanced Econometrics	3	ENGL 144	 Popular Genres	3
EDUC 181	 Introduction to Human Development and Family Science	3	ENGL 146	 Science Fiction/Fantasy/Utopia ^H	3
EDUC 231	 The Science of Well-Being	3	ENGL 147	 Mystery Fiction	3
EDUC 240	 Introduction to Educational Studies	3	ENGL 148	 Horror	3
EDUC 311	 Life-Career Design	3	ENGL 150	 Introductory Seminar in Literary Studies	3
EDUC 330	 The Science of Learning	3	ENGL 152	 Twentieth-Century American Literature ^H	3
EDUC 349	 Adulting	3	ENGL 155	 The Visual and Graphic Narrative	3
EDUC 401	 Childhood Development: Prenatal Birth to Age 12	3	ENGL 161	 Literature of War from World War I to the 21st Century	3
EDUC 411	 Making Liberal Arts "Work"	3	ENGL 163	 Introduction to Health Humanities	3
EDUC 501	 Adolescent and Adulthood Development: A Cross-Cultural	3	ENGL 202	 Everyday Cultures: Folklore in America	3
EDUC 505	 Leadership in Educational/Nonprofit Settings	3	ENGL 203	 Memoir Writing	3
EDUC 508	 Equity, Leadership, and You	3	ENGL 204	 Travel Writing	3
EDUC 510	 Latinx Experience in Education	3	ENGL 218	 American Poetry ^H	3
EDUC 528	 Exceptionality Across the Life Span	3	ENGL 219	 The American Novel ^H	3
EDUC 529	 Education in American Society	3	ENGL 221	 American Literature, 1900-2000 ^H	3
EDUC 530	 Free-Choice Learning in Informal Environments	3	ENGL 255	 Introduction to Media Studies	3
EDUC 532	 Human Development and Learning	3	ENGL 257	 Video Games and Narrative Cinema	3
EDUC 575	 Nurturing Latinx Identity Formation	3	ENGL 258	 Games and Literature	3
EDUC 576	 LatinxEd Internship	3	ENGL 260	 Film Sound and the Art of Listening	3
ENEC 205	 Environmental Humanities	3	ENGL 261	 An Introduction to Literary Criticism ^H	3
ENEC 237	 Food, Environment, and Sustainability	3	ENGL 266	 Science and Literature ^H	3
ENGL 52	 First-Year Seminar: Computers and English Studies ^H	3	ENGL 268	 Medicine, Literature, and Culture ^H	3
ENGL 73	 First-Year Seminar: Literature of War from World War I to the 21st Century	3	ENGL 269	 Introduction to Disability Studies	3
ENGL 86	 First-Year Seminar: The Cities of Modernism	3	ENGL 274	 Drama: PlayMakers Current Season	3
ENGL 87	 First-Year Seminar: Jane Austen, Then and Now ^H	3	ENGL 278	 Irish Writing, 1800-2000	3
ENGL 114	 The Rhetoric of Data	3	ENGL 284	 Reading Children's Literature ^H	3
			ENGL 288	 Literary Modernism	3
			ENGL 291	 Picture Books ^H	3
			ENGL 292	 Youth in Culture	3
			ENGL 304	 Advanced Business Communication	3



















ENGL 317	 Writing and Social Networks	3	GEOG 63	 First-Year Seminar: The Problem with Nature and Its Preservation ^H	3
ENGL 346	 U.S. Literature on Page and Screen ^H	3	GEOG 65	 First-Year Seminar: Climate Change in the Media ^H	3
ENGL 359	 Latina Feminisms: Civil Rights, Ecofeminism, and Health Studies	3	GEOG 67	 First-Year Seminar: Politics of Everyday Life	3
ENGL 373	 Southern American Literature ^H	3	GEOG 123	 Cultural Geography	3
ENGL 377	 Introduction to the Celtic Cultures	3	GEOG 141	 Geography for Future Leaders	3
ENGL 380	 Topics In Film History ^H	3	GEOG 268	 Geography of Africa	3
ENGL 381	 Literature and Cinema ^H	3	GEOG 293	 Freedom Farming	3
ENGL 382	 Literature and Media ^H	3	GEOG 294	 Beyond Sustainability	3
ENGL 388	 Modernism: Movements and Moments	3	GEOG 424	 Geographies of Religion	3
ENGL 389	 Major Film Directors	3	GEOG 453	 Political Geography	3
ENGL 400	 Advanced Composition for Teachers	3	GEOG 456	 Geovisualizing Change	3
ENGL 410	 Documentary Film ^H	3	GEOG 460	 Geographies of Economic Change	3
ENGL 444	 American Literature, 1860-1900--Contemporary Issues ^H	3	GEOG 470	 Political Ecology: Geographical Perspectives	3
ENGL 447	 Memory and Literature	3	GEOG 480	 Liberation Geographies	3
ENGL 466	 Literary Theory--Contemporary Issues ^H	3	GEOG 543	 Qualitative Methods in Geography	3
ENGL 487	 Everyday Stories: Personal Narrative and Legend	3	GEOG 697	 Capstone Seminar in Geographic Research	3
ENGL 488	 Critical Security Studies	3	GERM 227	 Luther and the Bible	3
ENGL 494	 Research Methods in Film Studies	3	GERM 245	 Marx, Nietzsche, and Freud	3
ENGL 610	 Practicum in Health Humanities	3	GERM 266	 Weimar Cinema	3
ENGL 611	 Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar	3	GERM 274	 Representing the Holocaust: Mediating Trauma in Art and Theory	3
ENGL 667	 Marx and Marxist Theory	3	GERM 279	 Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3
ENGL 668	 Debates in Contemporary Theory	3	GERM 283	 Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3
ENGL 680	 Film Theory	3	GERM 301	 Advanced Spoken German: Vielfalt in Media	3
EURO 466	 Modernism	3	GERM 370	 German Intellectual History	3
FOLK 202	 Everyday Cultures: Folklore in America	3	GERM 383	 Recycling the Past: East German Literature	3
FOLK 205	 Environmental Humanities	3	GERM 410	 Getting Medieval. Or: What Makes Us Modern?	3
FOLK 375	 Critical Issues in Contemporary Food Studies	3	GERM 467	 Contemporary German and Austrian Cinema	3
FOLK 424	 Ritual, Festival, and Public Culture	3	GERM 552	 Structuralism, Poststructuralism, Posthumanism	3
FOLK 472	 Traditions in Transition: Jewish Folklore and Ethnography	3	GERM 555	 Interrogating Cultures of Fascism: Introduction to Frankfurt School's Critical Theory 1923-Present	3
FOLK 487	 Everyday Stories: Personal Narrative and Legend	3	GERM 560	 20th-Century German Philosophy and Modern Youth Cultures	3
FREN 65	 First-Year Seminar: La mode: Fashion in French Culture	3	GERM 570	 German Intellectual History	3
FREN 255	 Conversation I ^H	3	GERM 572	 The Fourth Dimension: The German Netflix Series "Dark" and the Mystery of Time	3
FREN 260	 Literature and the French-Speaking World ^H	3	GERM 579	 What is a Medium? German Media Theory from Aesthetics to Cultural Techniques	3
FREN 305	 Healthcare in France and the Francophone World	3	GLBL 435	 Love and Liberation: Spirituality and Social Change, a Global Perspective ^H	3
FREN 350	 Current Societal Issues: France and Beyond	3			
GEOG 50	 First-Year Seminar: Mountain Environments ^H	3			

GLBL 450	 Social Change in Times of Crisis: Knowledge, Action, and Ontology ^H	3	HNUR 305	 Advanced Hindi-Urdu I	3
GSLI 52	 First-Year Seminar: Nature and Death: Ecological Crises in German Literature and Film	3	HNUR 411	 Health and Medicine in South Asia	3
GSLI 68	 First-Year Seminar: Intensity, Vitality, Ecstasy: Affects in Literature, Film, and Philosophy ^H	3	IDST 112I	 Death and Dying	3
GSLI 259	 Ideology and Aesthetics: Marxism and Literature	3	IDST 113I	 The Idea of Race	3
GSLI 267	 How Does It Feel? Yiddish Literature and Emotions	3	IDST 124I	 Pandemics: Ethics, Literatures, and Cultures	3
GSLI 491	 Weaponization of Knowledge: Historical Legacy of Propaganda and Disinformation in the US and Abroad	3	IDST 130I	 The Future of Food	3
GSLI 587	 From Information Theory to AI: What Was the Digital?	3	IDST 132I	 Science for Hyperpartisan Times	3
HEBR 305	 Advanced Composition and Conversation: Immigration, Ethnicities, and Religious Traditions	3	INLS 151	 Retrieving and Analyzing Information	3
HEBR 306	 Advanced Composition and Conversation: Zionism and the Hebrew Language	3	INLS 201	 Foundations of Information Science	3
HIST 53	 First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-2000	3	INLS 384	 Information and Computer Ethics	3
HIST 101	 A History of Lies, Conspiracies, and Misinformation	3	ITAL 343	 Italian Culture Today: Modern Italy as a Nation 1860 to Present	3
HIST 107	 Medieval History	3	ITAL 359	 Medieval Frauds: Fake News, Counterfeits, and Forgeries	3
HIST 108	 Introduction to Early Medieval History 500-1050	3	JAPN 160	 Introduction to Japanese Literature in Translation	3
HIST 135	 History of the Indian Subcontinent to 1750	3	JAPN 162	 Japanese Popular Culture	3
HIST 163	 Modern Central Asia ^H	3	JAPN 277	 Empire of Sex: Eroticism, Mass Culture, and Geopolitics in Japan, 1945-Present	3
HIST 164	 Victorian Britain: From Slavery to South African War	3	JAPN 482	 Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan	3
HIST 165	 20th Century Britain: from the Great War to Brexit	3	JAPN 563	 Structure of Japanese	3
HIST 180	 Genocide in Global Perspective	3	JWST 103	 Understanding the Bible: Hebrew Bible/Old Testament ^H	3
HIST 228	 Medieval Science	3	JWST 110	 The Archaeology of Palestine in the New Testament Period	3
HIST 229	 The History of London 43 - 1666 ^H	3	JWST 211	 Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3
HIST 231	 Native American History: The East	3	JWST 267	 How Does It Feel? Yiddish Literature and Emotions	3
HIST 234	 Native American Tribal Studies ^H	3	JWST 274	 Representing the Holocaust: Mediating Trauma in Art and Theory	3
HIST 305	 Elizabeth I and her World: Gender, Power, and the Beginnings of the Global	3	JWST 305	 Advanced Composition and Conversation: Immigration, Ethnicities, and Religious Traditions	3
HIST 434	 Medieval England	3	JWST 306	 Advanced Composition and Conversation: Zionism and the Hebrew Language	3
HIST 437	 Aristocratic Culture in the Central Middle Ages	3	JWST 472	 Traditions in Transition: Jewish Folklore and Ethnography	3
HIST 438	 Medieval Masculinities, 500-1200 ^H	3	JWST 533	 Women, Gender, and Judaism	3
HIST 439	 Environmental China: Premodern Political Ecology	3	JWST 603	 The Bible and the History of the Self	3
HIST 443	 Settler Colonialism in Global Perspective	3	KOR 151	 Education and Social Changes in Contemporary Korea	3
HIST 445	 Humanitarianism in Historical Perspective	3	KOR 447	 Documenting Diasporas: Korean Diasporas in Films and Documentaries	3
HIST 457	Liberalism, Socialism, and Fascism in Europe	3	LING 101	 Introduction to Language ^H	3
HIST 488	Global Intellectual History ^H	3	LING 145	 Language, Communication, and Human and Animal Minds ^H	3

LING 203	 Language Acquisition and Development	3	PHIL 112	 Making Sense of Ourselves ^H	3
LING 225	 Busting Language Myths	3	PHIL 134	 Reason, Faith, and God: Philosophy of Western Religion ^H	3
LING 303	 Native Languages of the Americas	3	PHIL 140	 Knowledge and Society ^H	3
LING 335	 Structure of African American English	3	PHIL 143	 AI and the Future of Humanity: Philosophical Issues about Technology and Human Survival ^H	3
LING 360	 Introduction to Hispanic Linguistics	3	PHIL 145	 Language, Communication, and Human and Animal Minds ^H	3
LING 376	 Spanish Phonetics and Phonology	3	PHIL 150	 Theory, Evidence, and Understanding in Science ^H	3
LING 410	 Advanced Philosophy of Language	3	PHIL 151	 Theory, Evidence, and Understanding in Science (CommBeyond)	3
LING 428	 Bilingualism and Second-Language Acquisition	3	PHIL 154	 Philosophy of the Social Sciences	3
LING 445	 Advanced Philosophy of Language	3	PHIL 157	 Logic and Decision Theory ^H	3
LING 537	 Semantic Theory I	3	PHIL 160	 Virtue, Value, and Happiness: An Introduction to Moral Theory ^H	3
LING 545	 Language and Mind	3	PHIL 161	 Virtue, Value, and Happiness: An Introduction to Moral Theory	3
LING 547	 Language Deficits and Cognition	3	PHIL 163	 Practical Ethics: Moral Reasoning and How We Live ^H	3
LING 558	 Ancient Mayan Hieroglyphs	3	PHIL 210	 Wonder, Myth, and Reason: Introduction to Ancient Greek Science and Philosophy ^H	3
LING 563	 Structure of Japanese	3	PHIL 215	 Medieval Philosophy	3
LING 573	 Linguistic Field Methods I	3	PHIL 220	 17th and 18th Century Western Philosophy ^H	3
MEJO 142	 Cultural Competency in Journalism and Strategic Communication	3	PHIL 230	 Mind, Matter, and Metaphysics: the Philosophy of Experience and Reality ^H	3
MNGT 131	 Social Relations in the Workplace	3	PHIL 251	 Inductive Logic and the Scientific Method	3
MNGT 325	 Introduction to Organizational Communication ^H	3	PHIL 292	 Field Work in Philosophy: Introducing Philosophy in Primary and Secondary Schools	3
MNGT 345	 Public Policy Toward Business	3	PHIL 294	 Philosophy across the Lifespan	3
MUSC 164	 Music of South Asia	3	PHIL 330	 Metaphysics	3
NAVS 201	 Naval Leadership and Management	3	PHIL 335	 Theory of Knowledge	3
NAVS 402	 Naval Leadership and Ethics	3	PHIL 340	 Philosophy of Mind	3
NSCI 425	 Animal Perception	3	PHIL 345	 Philosophy of Language	3
PHIL 54	 First-Year Seminar: Thinking about Time	3	PHIL 351	 Philosophy of Physics ^H	3
PHIL 55	 First-Year Seminar: Paradoxes	3	PHIL 352	 Sex and Death, Life and Health, Species and Evolution: The Philosophy of Biology	3
PHIL 59	 First-Year Seminar: Proofs of the Existence of God ^H	3	PHIL 357	 Induction, Probability, and Confirmation	3
PHIL 62	 First-Year Seminar: Philosophy with Children	3	PHIL 381	 Philosophy and Film ^H	3
PHIL 66	 First-Year Seminar: Ethics: Theoretical and Practical	3	PHIL 392	 Ethics Research Seminar for Undergraduates	3
PHIL 68	 First-Year Seminar: Moral Life ^H	3	PHIL 395	 Undergraduate Research Seminar in Selected Topics	3
PHIL 76	 First-Year Seminar: Is Free Will an Illusion? ^H	3	PHIL 397	 Philosophy Research Seminar for Undergraduates	3
PHIL 80	 First-Year Seminar: Short Stories and Contemporary Social Problems	3	PHIL 421	 Rationalism	3
PHIL 85	 First-Year Seminar: Reason, Religion, and Reality in the Copernican Revolution ^H	3	PHIL 422	 Empiricism	3
PHIL 86	 First-Year Seminar: Persons and Identity	3	PHIL 432	 The Beginnings of Analytic Philosophy	3
PHIL 101	 Introduction to Philosophy: Central Problems, Great Minds, Big Ideas ^H	3			
PHIL 102	 Introduction to Philosophy: Central Problems, Great Minds, Big Ideas	3			
PHIL 105	 How to Reason and Argue: An Introduction to Critical Thinking	3			

PHIL 433	 Current Issues in Analytic Philosophy	3	RELI 102	 World Religions	3
PHIL 445	 Advanced Philosophy of Language	3	RELI 103	 Understanding the Bible: Hebrew Bible/Old Testament ^H	3
PHIL 464	 Moral Responsibility	3	RELI 104	 Understanding the Bible: The New Testament and Christian Literature ^H	3
PLAN 101	 Cities and Urban Life	3	RELI 110	 The Archaeology of Palestine in the New Testament Period	3
PLAN 677	 Perspectives on Economic Development	3	RELI 117	 Culture of the Ancient Near East	3
PLCY 55	 First-Year Seminar: Higher Education, the College Experience, and Public Policy	3	RELI 121	 Introduction to Religion and Culture ^H	3
PLCY 81	 First Year Seminar: America's Labor Market	3	RELI 122	 Introduction to Philosophical Approaches to Religion ^H	3
PLCY 85	 First-Year Seminar: Reforming America's Schools ^H	3	RELI 126	 Reason, Faith, and God: Philosophy of Western Religion ^H	3
PLCY 101	 Making Public Policy ^H	3	RELI 127	 The Claims of Science and Religion	3
PLCY 110	 Global Policy Issues ^H	3	RELI 130	 Religion and Popular Culture	3
PLCY 530	 Educational Problems and Policy Solutions ^H	3	RELI 140	 Religion in America ^H	3
PLCY 581	 Research Design for Public Policy ^H	3	RELI 142	 Catholicism in America	3
POLI 74	 First-Year Seminar: Introduction to Constitutional Conflicts	3	RELI 180	 Islam and Muslim Life before 1500	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 ^H	3	RELI 201	 Ancient Biblical Interpretation ^H	3
PWAD 101	 Making Public Policy ^H	3	RELI 205	 Sacrifice in the Ancient World ^H	3
PWAD 110	 Global Policy Issues ^H	3	RELI 211	 Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3
PWAD 115	 Life in the Roman Army	3	RELI 222	 Modern Western Religious Thought	3
PWAD 161	 Literature of War from World War I to the 21st Century	3	RELI 226	 Human Animals in Religion and Ethics	3
PWAD 280	 Anthropology of War and Peace	3	RELI 227	 Luther and the Bible	3
PWAD 283	 Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3	RELI 235	 Place, Space, and Religion	3
PWAD 287	 Strategy and International Relations	3	RELI 246	 Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas ^H	3
PWAD 453	 Political Geography	3	RELI 249	 Religion in Colonial Mexico	3
PWAD 484	 Critical Security Studies	3	RELI 279	 Islamic Law, Ethics, and Practice	3
RELI 61	 First-Year Seminar: Religion, Magic, and Science	3	RELI 283	 The Buddhist Tradition: India, Nepal, and Tibet	3
RELI 63	 First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls	3	RELI 285	 Monks, Magic, & Meditation: Theravada Buddhism Across Space and Time	3
RELI 64	 First-Year Seminar: Reintroducing Islam	3	RELI 287	 Modern Japanese Religions	3
RELI 65	 First-Year Seminar: Myth, Philosophy, and Science in the Ancient World	3	RELI 314	 Memory and the Historical Jesus ^H	3
RELI 67	 First-Year Seminar: Nature/Culture/Self-Identity: Religion in the Construction of Social Life	3	RELI 324	 Religion and the Human: Interrogating Individuality	3
RELI 70	 First-Year Seminar: Jesus in Scholarship and Film	3	RELI 325	 Religion, Magic, and Science	3
RELI 73	 First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion ^H	3	RELI 345	 Black Atlantic Religions ^H	3
RELI 78	 First-Year Seminar: Reading the Bible: Now and Then	3	RELI 352	 Anthropology of Christianity	3
RELI 87	 First-Year Seminar: Confessions	3	RELI 365	 Studies in Christian Theologies and Theologians	3
			RELI 368	 Race, Sexuality, and Disability in the History of Western Christianity ^H	3

RELI 382	 The Story of Rama in Indian Culture--Experiential	3
RELI 383	 The Mahabharata: Remembered and Reimagined--Experiential	3
RELI 387	 Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
RELI 413	 Biblical Coptic and Early Egyptian Monasticism	3
RELI 415	 Teaching the Bible in Public Education	3
RELI 421	 Religion and Science	3
RELI 426	 The Sacrifice of Abraham ^H	3
RELI 427	 Spirit Possession and Mediumship	3
RELI 430	 Dimensions of Evil	3
RELI 438	 Religion, Nature, and Environment ^H	3
RELI 441	 Religion in Early America ^H	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 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 the History of the Self	3
RELI 609	 Christianity and Greco-Roman Culture	3
RUSS 455	 20th-Century Russian Literature and Culture	3
SCLL 105	 Time, Tides, and the Measurement of the Cosmos	3
SCLL 205	 The Medieval Foundations of Modern Cosmology	3
SCLL 240	 Free Speech, Fanaticism, and Censorship	3
SCLL 350	 Science and Society	3
SOCI 124	 Sex and Gender in Society	3
SOCI 125	 Sociology of Sexualities	3
SOCI 131	 Social Relations in the Workplace	3
SOCI 250	 Sociological Theory	3
SPAN 360	 Introduction to Hispanic Linguistics	3
SPAN 361	 Hispanic Film	3
SPAN 363	 Experiences of Disease and Health through Hispanic Literature and Culture	3
SPAN 376	 Spanish Phonetics and Phonology	3
WGST 56	 First-Year Seminar: Writing Women in Modern China ^H	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	 Introducing Intersectionality: Gender, Race, Class, and Sexuality ^H	3
WGST 111	 Introduction to Sexuality Studies ^H	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 ^H	3
WGST 241	 Women in Ancient Rome ^H	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 ^H	3
WGST 393	 Internship in Women's and Gender Studies	3
WGST 503	 Gender, Culture, and Development	3
WGST 533	 Women, Gender, and Judaism	3
WGST 695	 Senior Seminar: Principles of Feminist Inquiry ^H	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.

Empirical Investigation Lab

As part of the IDEAs in Action curriculum (p. 635), one Focus Capacity course must include or be associated with a one-credit Empirical Investigation Lab (FC-LAB). In such labs, students participate in measurement, data collection and analysis, and hypothesis testing connected to the course content.

Approved Courses

Code	Title	Hours
ANTH 404	 Agent-Based Modeling of Social-Ecological Systems	3
ANTH 419	 Anthropological Application of GIS	3
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
ENEC 404	 Agent-Based Modeling of Social-Ecological Systems	3
ENEC 419	 Anthropological Application of GIS	3
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	 Introduction to Computational Linguistics	3
LING 573	 Linguistic Field Methods I	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 114	 General Physics I: For Students of the Life Sciences	4
PHYS 115	 General Physics II: For Students of the Life Sciences	4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity ^H	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta ^H	4
PHYS 231	 Physical Computing ^H	4
PHYS 281L	 Experimental Techniques in Physics	3
PLCY 460	 Quantitative Analysis for Public Policy ^H	4
PSYC 438	 Research Topics in the Psychology of Language	3
PSYC 535	 Programming for Psychologists: Computational Tools for Psychological Research	3
STOR 320	 Methods and Models of Data Science	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.

Research and Discovery

Students immerse themselves in a research project and experience the reflection and revision involved in producing and disseminating original scholarship or creative works.

Research and Discovery (RESEARCH) is a required Reflection and Integration course in the IDEAs in Action curriculum (p. 635).










































































Approved Courses


Code	Title	Hours
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 ^H	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 273	 Games and American Culture	3
AMST 315	 Privacy and Surveillance in America	3
AMST 320	 Critical Issues and Theories in American Studies	3
AMST 375	 Critical Issues in Contemporary Food Studies	3
AMST 483	 Seeing the USA: The Film Director as Public Intellectual	3
AMST 575	 The American Cookbook in Theory and Practice	3
AMST 691H	 Honors in American Studies	3
AMST 692H	 Honors in American Studies	3
ANTH 204	 From Ayahuasca to Zolof: Anthropological Approaches to Drugs and Drug Use	3
ANTH 278	 Women in Science	3
ANTH 341	 Anthropology of Fitness Culture	3
ANTH 370	 Southern Legacies: The Descendants Project	4
ANTH 389	 Special Topics in Medical Anthropology - Research Methods and Experiences	3
ANTH 413	 Laboratory Methods: Archaeobotany	3
ANTH 414	 Laboratory Methods: Human Osteology	3
ANTH 415	 Laboratory Methods: Zooarchaeology	3
ANTH 424	 Ritual, Festival, and Public Culture	3
ANTH 430	 War, Medicine, and the Military	3




ANTH 432	 Science and Society in the Middle East	3	ASTR 502	 Modern Research in Astrophysics	3
ANTH 450	 Ethnographic Research Methods	3	ASTR 519	 Observational Astronomy	4
ANTH 691H	 Seniors Honors Project in Anthropology	3	BIOL 214H	 Mathematics of Evolutionary Processes	3
ANTH 692H	 Senior Honors Thesis in Anthropology	3	BIOL 221	 Seafood Forensics	3
APPL 295	 Research in Applied Sciences and Engineering	1-3	BIOL 255	 The Evolution of Extraordinary Adaptations ^H	4
APPL 495	 Mentored Research in Applied Sciences and Engineering	3	BIOL 295	 Educational and Social Research in Biology	1-3
ARAB 432	 Science and Society in the Middle East	3	BIOL 395	 Undergraduate Research in Biology ^H	1-3
ARCH 691H	 Seniors Honors Thesis, Part 1	3	BIOL 423	 Genetics Experiments	3
ARCH 692H	 Senior Honors Thesis, Part 2	3	BIOL 447L	 Cell Biology: Beyond Core Basics Laboratory	3
ARTH 61	 First-Year Seminar: African American Art of the Carolinas	3	BIOL 465	 Global Biodiversity and Macroecology	3
ARTH 275	 18th-Century Art	3	BIOL 542	 Light Microscopy for the Biological Sciences	3
ARTH 282	 Modern Art in Europe 1850-1900: Realism, Impressionism, Post-Impressionism	3	BIOL 544L	 Laboratory in Diseases of the Cytoskeleton	3
ARTH 283	 Picturing Paris: 1800-2000	3	BIOL 692H	 Senior Honors Thesis in Biology	3
ARTH 284	 Modern Art in Europe 1900-1960: Avant-Gardes and Politics	3	BIOS 540	 Problems in Biostatistics ^H	1-3
ARTH 330	 Art, History, and the Modern Museum	3	BIOS 693H	 Honors Research in Biostatistics	3
ARTH 370	 Visual Art in the Age of Revolution	3	BIOS 694H	 Honors Research in Biostatistics	3
ARTH 383	 Everything You Ever Wanted to Know About Modern Architecture But Were Afraid to Ask	3	BMME 295	 Research in Biomedical Engineering for Undergraduates	1-3
ARTH 391	 Undergraduate Research Seminar	3	BMME 495	 Undergraduate Research in Biomedical Engineering as a Technical Elective	3
ARTH 446	 The Invention of the Modern Artist	3	BMME 691H	 Honors Thesis	3
ARTH 453	 Africa in the American Imagination	3	BMME 692H	 Honors Thesis	3
ARTH 474	 Roman Sculpture	3	BMME 698	 Biomedical Engineering Senior Design: Product Implementation and Strategy	3
ARTH 595	 Experience in Research	1-3	BUSI 565	 Marketing Research Design and Analysis	3
ARTH 691H	 Honors in Art History	3	BUSI 691H	 Honors Research Proposal	3
ARTH 692H	 Honors in Art History	3	BUSI 692H	 Honors Thesis	3
ARTS 691H	 Senior Honors Thesis Project in Studio Art	3	CHEM 210	 Service Learning in Chemistry	1
ARTS 692H	 Senior Honors Thesis Project in Studio Art	3	CHEM 262L	 Laboratory in Organic Chemistry	1
ASIA 331	 Cracking India: Partition and Its Legacy in South Asia ^H	3	CHEM 295	 Educational and Social Research in Chemistry	1-3
ASIA 350	 Transpacific Narratives: Oral Histories of Asian America	3	CHEM 395	 Research in Chemistry for Undergraduates ^H	3
ASIA 358	 Religion and Tradition in Israeli Cinema, TV, and Literature	3	CHEM 520L	 Polymer Chemistry Laboratory	2
ASIA 442	 Postcolonial Literature of the Middle East	3	CHEM 530L	 Laboratory Techniques for Biochemistry	3
ASIA 471	 Gender and Sexuality in Middle Eastern Literature	3	CHEM 541L	 Advanced Instrumentation and Analytical Measurement Laboratory	2
ASIA 485	 Gender and Sexuality in Islam	3	CHEM 550L	 Synthetic Chemistry Laboratory I	2
ASIA 522	 Beauty and Power in the Classical Indian World	3	CHIN 346	 History as Fiction or Fiction as History? Early Chinese History in Film and Literature	3
ASIA 581	 Sufism	3	CHIN 367	 Illustration and the Animation of Text	3
ASIA 691H	 Senior Honors Thesis I	3	CHIN 439	 Environmental China: Premodern Political Ecology	3
ASIA 692H	 Senior Honors Thesis II	3	CHIN 475	 Confucianism: Origin, History, and Contemporary Relevance	3
			CHIN 476	 Daoism: Origin, History, and Contemporary Relevance	3

CHIN 545	 Chinese Science Fiction	3	DATA 693H	 Honors Thesis in Data Science	3
CHIN 551	 Chinese Poetry in Translation	3	DATA 694H	 Honors Thesis in Data Science	3
CLAR 395	 Independent Research in Classical Archaeology	3	DHYG 495	 Research Methodology	2
CLAR 474	 Roman Sculpture	3	DRAM 691H	 Honors Project in Dramatic Art	3
CLAR 512	 Ancient Synagogues	3	DRAM 692H	 Honors Project in Dramatic Art	3
CLAS 391	 Junior Seminar	3	ECON 58	 First-Year Seminar: Researching the Tools for Success in College ^H	3
CLAS 395	 Independent Research in Classics	3	ECON 394	 Advanced Entrepreneurship Practicum	3
CLAS 691H	 Honors Course	3	ECON 495	 Research Course	1-3
CLAS 692H	 Honors Course	3	ECON 510	 Advanced Microeconomic Theory ^H	3
CLSC 630	 Research Methods in Clinical Laboratory Science	2	ECON 525	 Advanced Financial Economics	3
CMPL 232	 Imagining the City in Modern Korea: Text, Image, Space	3	ECON 545	 Advanced Industrial Organization	3
CMPL 395	 Research, Creativity, and Innovation in the Humanities	3	ECON 550	 Advanced Health Econometrics	3
CMPL 421	 Avant-Garde Cinema and Experimental Film	3	ECON 551	 Economics of Education	3
CMPL 442	 Postcolonial Literature of the Middle East	3	ECON 552	 The Economics of Health Care Markets and Policy	3
CMPL 460	 Transnational Romanticism: Romantic Movements in Europe and the Americas	3	ECON 560	 Advanced International Economics	3
CMPL 495	 Advanced Seminar	3	ECON 565	 Research in Development Economics	3
CMPL 545	 Chinese Science Fiction	3	ECON 573	 Machine Learning and Econometrics	3
CMPL 691H	 Comparative Lit Senior Honors Thesis Part I	3	ECON 580	 Advanced Labor Economics	3
CMPL 692H	 Comparative Lit Senior Honors Thesis Part II	3	ECON 691H	 Honors Course	3
COMM 75	 First-Year Seminar: Researching Society and Culture	3	ECON 692H	 Honors Course	3
COMM 84	 First-Year Seminar: Make A Zine! Do-It-Yourself Writing, Publishing, and Distribution	3	EDUC 318	 Peer Leadership in the University Environment	2
COMM 120	 Introduction to Interpersonal and Organizational Communication ^H	3	EDUC 320	 Navigating Education in Borderlands	3
COMM 348	 Algorithms and Society	3	EDUC 517	 Educational Partnership Through Program Evaluation	3
COMM 349	 Technology and Social Justice	3	EDUC 530	 Free-Choice Learning in Informal Environments	3
COMM 350	 Practices of Cultural Studies	3	EDUC 691H	 Honors Seminar in Education	3
COMM 499	 The Dark Side of Interpersonal Communication	3	EDUC 694H	 Honors Thesis in Education	3
COMM 635	 Documentary Production	3	EMES 72H	 First-Year Seminar: Field Geology of Eastern California	3
COMM 691H	 Honors in Cultural Studies	3	EMES 395	 Undergraduate Research in Earth, Marine, and Environmental Sciences	1-3
COMM 692H	 Honors in Cultural Studies	3	EMES 405	 Geochemistry	3
COMM 693H	 Honors	3	EMES 691H	 Honors in Earth, Marine, and Environmental Sciences	3
COMM 694H	 Honors	3	EMES 692H	 Honors in Earth, Marine, and Environmental Sciences	3
COMP 495	 Mentored Research in Computer Science	3	ENEC 395	 Research in Environmental Sciences and Studies for Undergraduates	1-3
COMP 691H	 Honors Thesis in Computer Science	3	ENEC 437	 Social Vulnerability to Climate Change	3
COMP 692H	 Honors Thesis in Computer Science	3	ENEC 465	 Global Biodiversity and Macroecology	3
DATA 395	 Mentored Research in Data Science	1	ENEC 693H	 Honors Research in Environmental Sciences and Studies	3
DATA 495	 Mentored Research in Data Science	3	ENEC 694H	 Honors Project in Environmental Sciences and Studies	3
DATA 520	 Research-Methods for Socially Responsible AI: An Ethical Expedition	3			

ENGL 284	 Reading Children's Literature ^H	3	FREN 150	 Globalization and the French-Speaking World	3
ENGL 291	 Picture Books ^H	3	FREN 369	 Environment, Society, and Public Policy in Southern France	3
ENGL 295	 Undergraduate Research Seminar ^H	3	FREN 387	 Paris/Versailles: The Court and the City in the 17th Century	3
ENGL 425	 Literature, Archives, and Original Research	3	FREN 691H	 Honors Thesis in French	3
ENGL 482	 Metadata, Mark-up, and Mapping: Understanding the Rhetoric of Digital Humanities	3	FREN 692H	 Honors Thesis in French	3
ENGL 483	 Critical Theory of Games	3	GEOG 63	 First-Year Seminar: The Problem with Nature and Its Preservation ^H	3
ENGL 494	 Research Methods in Film Studies	3	GEOG 65	 First-Year Seminar: Climate Change in the Media ^H	3
ENGL 495	 Mentored Research	1-3	GEOG 68	 First-Year Seminar: Freshwaters in the Anthropocene	3
ENGL 691H	 English Senior Honors Thesis, Part I	3	GEOG 268	 Geography of Africa	3
ENGL 692H	 English Senior Honors Thesis, Part II	3	GEOG 392	 Research Methods in Geography	3
ENGL 693H	 Creative Writing Senior Honors Thesis, Part I	3	GEOG 414	 Climate Change	3
ENGL 694H	 Creative Writing Senior Honors Thesis, Part II	3	GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
ENGL 695	 Research Seminar	3	GEOG 428	 Global Cities: Space, Power, and Identity in the Built Environment	3
ENVR 135	 Environment-ECUIPP Lab: Connecting with communities through environmental research for Public Health	3	GEOG 429	 Urban Political Geography: Durham, NC	3
ENVR 335	 Adv Environ-ECUIPP Lab: Connecting with Communities Through Environmental Research for PH Protection	3	GEOG 435	 Global Environmental Justice	3
ENVR 691H	 Honors Research	3	GEOG 437	 Social Vulnerability to Climate Change	3
ENVR 692H	 Honors Thesis	3	GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources ^H	3
ENVR 695	 Undergraduate Research	1-3	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 691H	 Honors Thesis in European Studies	3	GEOG 515	 Applied Spatial Data Science	3
EURO 692H	 Honors Thesis in European Studies	3	GEOG 567	 Geospatial Data Analysis with Google Earth Engine	3
EXSS 273	 Research in Exercise and Sport Science	3	GEOG 570	 Geographic Information Analysis	3
EXSS 327	 Predictive Analytics in Sport ^H	3	GEOG 691H	 Honors	3
EXSS 395	 Undergraduate Research Course	1-3	GEOG 692H	 Honors	3
EXSS 573	 Sport Injury Epidemiology	3	GEOG 697	 Capstone Seminar in Geographic Research	3
EXSS 693H	 Senior Honors Thesis	3	GLBL 691H	 Honors in Global Studies	3
EXSS 694H	 Senior Honors Thesis	3	GLBL 692H	 Honors in Global Studies	3
FOLK 370	 Southern Legacies: The Descendants Project	4	GREK 395	 Independent Research in Greek	3
FOLK 375	 Critical Issues in Contemporary Food Studies	3	GSLI 295	 Research, Creativity, and Innovation in the Humanities	3
FOLK 424	 Ritual, Festival, and Public Culture	3	GSLI 495	 Mentored Research	3
FOLK 472	 Traditions in Transition: Jewish Folklore and Ethnography	3	GSLI 691H	 Honors Course	3
FOLK 476	 Graffiti, Gods, and Gardens: Urban Folklore	3	GSLI 692H	 Honors Course	3
FOLK 481	 Jewish Belonging/s: The Material Culture of Jewish Experience	3	GSLI 693H	 Honors Seminar	3
FOLK 691H	 Honors Project in Folklore	3	HBEH 691H	 Honors Research I	3
FOLK 692H	 Honors Thesis in Folklore	3	HBEH 692H	 Honors Research II	3
FREN 80	 First-Year Seminar: Déjà vu. Medicine and Narration across Time and Space	3	HIST 315	 Nation-Building in Latin America ^H	3

HIST 320	 Art, History, and the Modern Museum	3	LING 692H	 Senior Honors Thesis	3
HIST 335	 Cracking India: Partition and Its Legacy in South Asia ^H	3	LTAM 402	 Heritage and Migration in North Carolina	3
HIST 360	 Ideas in Modern America ^H	3	LTAM 691H	 Honors in Latin American Studies	3
HIST 395	 Research Related Skills	1-3	LTAM 692H	 Honors in Latin American Studies	3
HIST 398	 Undergraduate Seminar in History ^H	3	LTAM 697	 Capstone Seminar	3
HIST 439	 Environmental China: Premodern Political Ecology	3	MATH 296	 Directed Exploration in Mathematics	1-3
HIST 691H	 Honors in History	3	MATH 396	 Undergraduate Reading and Research in Mathematics	1-3
HIST 692H	 Honors in History	3	MATH 563	 Introduction to Fluid Mechanics	3
HPM 691H	 Honors Research I	3	MATH 691H	 Honors Research in Mathematics	3
HPM 692H	 Honors Research II	3	MATH 692H	 Honors Thesis in Mathematics	3
HPM 697	 Health Policy and Management BSPH Capstone	3	MEJO 691H	 Introductory Honors Course	3
IDST 691H	 Senior Honors Thesis	3	MEJO 692H	 Honors Essay	3
IDST 692H	 Senior Honors Thesis	3	MNGT 120	 Introduction to Interpersonal and Organizational Communication ^H	3
INLS 691H	 Research Methods in Information Science	3	MNGT 692H	 Honors Spring Course	3
INLS 692H	 Honors Thesis in Information Science	3	MUSC 351	 Critical Approaches to Music: Guided Research	3
ITAL 372	 Poetry, Parchment, Polis	3	MUSC 355	 History and Culture of Music ^H	3
ITAL 374	 Italian Ecofiction in Global Perspective	3	MUSC 691H	 Senior Honors Thesis in Music I	3
ITAL 525	 Italo Calvino in English	3	MUSC 692H	 Senior Honors Thesis in Music II	3
ITAL 571	 Primo Levi in English	3	NDSS 697	 Neurodiagnostics and Sleep Science Capstone	3
ITAL 691H	 Honors Thesis	3	NDSS 698	 Neurodiagnostics and Sleep Science Capstone II	3
ITAL 692H	 Honors Thesis in Italian	3	NSCI 271	 Cellular Mechanisms in Addiction Lab	3
JWST 358	 Religion and Tradition in Israeli Cinema, TV, and Literature	3	NSCI 273	 Brainwaves: Human Electroencephalography Lab	3
JWST 472	 Traditions in Transition: Jewish Folklore and Ethnography	3	NSCI 274	 Neurophysiology Data Science Lab	3
JWST 481	 Jewish Belonging/s: The Material Culture of Jewish Experience	3	NSCI 277	 Addiction Neuroscience qPCR Laboratory	3
JWST 503	 Exploring the Dead Sea Scrolls ^H	3	NSCI 278	 Molecular Brain Imaging Lab	3
JWST 512	 Ancient Synagogues	3	NSCI 279	 Microglia Laboratory	3
JWST 533	 Women, Gender, and Judaism	3	NSCI 395	 Independent Research	1-3
JWST 602	 What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3	NSCI 405	 Advanced Molecular Neuropharmacology	3
JWST 603	 The Bible and the History of the Self	3	NSCI 693H	 Honors in Neuroscience I	3
KOR 232	 Imagining the City in Modern Korea: Text, Image, Space	3	NSCI 694H	 Honors in Neuroscience II	3
LATN 395	 Independent Research in Latin	3	NURS 302	 Research, Ethics, and Innovation: Carolina Core II	3
LING 60	 First-Year Seminar: How Reading Works: Language, Cognition, and Literacy	3	NURS 691H	 Honors in Nursing, Part I	3
LING 395	 Group Mentored Research	1-3	NURS 692H	 Honors in Nursing, Part II	3
LING 460	 Making Sense of Big Data: Textual Analysis with R	3	NUTR 295	 Undergraduate Research Experience in Nutrition	3
LING 495	 Individual Mentored Research	1-3	NUTR 691H	 Honors Research in Nutrition	3
LING 691H	 Senior Honors Thesis	3	NUTR 692H	 Honors Research in Nutrition	3
			PHIL 211	 Perspectives on Gender, Race, and Marginality in Ancient Greek Philosophy, Science, and Medicine	3

PHIL 251	 Inductive Logic and the Scientific Method	3	POLI 692H	 Honors Thesis Research	3
PHIL 392	 Ethics Research Seminar for Undergraduates	3	POLI 693H	 Honors Thesis Research	3
PHIL 395	 Undergraduate Research Seminar in Selected Topics	3	PORT 691H	 Honors Thesis	3
PHIL 397	 Philosophy Research Seminar for Undergraduates	3	PORT 692H	 Honors Thesis in Portuguese	3
PHIL 411	 Aristotle	3	PSYC 58	 First-Year Seminar: The Psychology of Mental States and Language Use ^H	3
PHIL 691H	 Courses for Honors	3	PSYC 270	 Research Methods in Psychology	3
PHIL 692H	 Courses for Honors	3	PSYC 395	 Independent Research	1-3
PHYS 231	 Physical Computing ^H	4	PSYC 438	 Research Topics in the Psychology of Language	3
PHYS 295	 Research with Faculty Mentor I	1-12	PSYC 528	 Clinical Research: Design, Analyze, Disseminate	3
PHYS 395	 Research with Faculty Mentor II	1-12	PSYC 535	 Programming for Psychologists: Computational Tools for Psychological Research	3
PHYS 481L	 Advanced Laboratory I	2	PSYC 693H	 Honors in Psychology I	3
PHYS 691H	 Senior Honor Thesis Research I	3	PSYC 694H	 Honors in Psychology II	3
PHYS 692H	 Senior Honor Thesis Research II	3	PWAD 331	 Cracking India: Partition and Its Legacy in South Asia ^H	3
PLAN 63	 First-Year Seminar: Planning the Night	3	PWAD 444	 Terrorism and International Peace	3
PLAN 247	 Solving Urban Problems	3	PWAD 452	 Africa and International Conflict	3
PLAN 372	 Introduction to Urban Data Analytics	3	PWAD 458	 International Conflict Management and Resolution ^H	3
PLAN 428	 Global Cities: Space, Power, and Identity in the Built Environment	3	PWAD 673	 Post-Conflict Security Challenges	3
PLAN 691H	 Honors Seminar in Urban and Regional Studies	3	PWAD 674	 Research Seminar on the History of Covert Action	3
PLCY 395	 Research in Public Policy ^H	1-6	PWAD 675	 War, Crimes against Humanity, and Justice	3
PLCY 581	 Research Design for Public Policy ^H	3	PWAD 676	 Law and National Security from the U.S. Civil War to the Global War on Terror	3
PLCY 691H	 Honors in Public Policy	3	PWAD 680	 Research Seminar in Peace, War, and Defense	3
PLCY 692H	 Honors in Public Policy	3	PWAD 691H	 Honors in Peace, War, and Defense	3
POLI 333	 Race and Public Policy in the United States	3	PWAD 692H	 Honors in Peace, War, and Defense	3
POLI 350	 Peace Science Research	3	RELI 67	 First-Year Seminar: Nature/Culture/Self-Identity: Religion in the Construction of Social Life	3
POLI 395	 Mentored Research in Political Science	1-3	RELI 324	 Religion and the Human: Interrogating Individuality	3
POLI 405	 Local Politics in the United States	3	RELI 395	 Guided Undergraduate Research	1-3
POLI 417	 Advanced Political Psychology ^H	3	RELI 416	 The Cult of Saints: Narratives, Materialities, Practices	3
POLI 421	 Framing Public Policies	3	RELI 429	 Religion and Society	3
POLI 424	 Legislative Procedure in Congress	3	RELI 485	 Gender and Sexuality in Islam	3
POLI 435	 Democracy and Development in Latin America ^H	3	RELI 501	 The History of the Bible in Modern Study	3
POLI 438	 Democracy and International Institutions in an Undivided Europe	3	RELI 503	 Exploring the Dead Sea Scrolls ^H	3
POLI 440	 How to Stay in Power When the People Want You Dead: The Politics of Authoritarian Survival	3	RELI 512	 Ancient Synagogues	3
POLI 444	 Terrorism and International Peace	3	RELI 514	 Judaism and the Search for Christian Origins	3
POLI 452	 Africa and International Conflict	3	RELI 515	 Cultural Histories of the New Testament ^H	3
POLI 453	 When Countries Go Broke: Political Responses to Financial Crises	3	RELI 533	 Women, Gender, and Judaism	3
POLI 458	 International Conflict Management and Resolution ^H	3	RELI 541	 Evangelicalism from a Global Perspective ^H	3
POLI 480	 Experimenting on Politics ^H	3			
POLI 691H	 Honors Seminar in Research Design	3			

RELI 580	 African American Islam	3
RELI 581	 Sufism	3
RELI 602	 What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3
RELI 603	 The Bible and the History of the Self	3
RELI 691H	 Honors in Religious Studies	3
RELI 692H	 Honors in Religious Studies	3
ROML 295	 Research, Creativity, and Innovation in the Humanities	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
SCLL 360	 Ideas in Modern America	3
SCLL 395	 Mentored Research in SCLL	3
SOCI 395	 Mentored Research in Sociology	1-3
SOCI 419	 Sociology of the Islamic World	3
SOCI 429	 Religion and Society	3
SOCI 691H	 Senior Honors Research and Seminar	3
SOCI 692H	 Senior Honors Research and Seminar	3
SPAN 691H	 Honors Thesis	3
SPAN 692H	 Honors Thesis in Spanish	3
STOR 496	 Undergraduate Reading and Research in Statistics and Operations Research	1-3
STOR 691H	 Honors in Statistics and Analytics	3
STOR 692H	 Honors in Statistics and Analytics	3
URES 195	 Undergraduate Research	0
URES 295	 Undergraduate Research	1
URES 395	 Undergraduate Research	1-3
WGST 67H	 First-Year Seminar: Sexuality and Salvation	3
WGST 278	 Women in Science	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 ^H	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

Students enrich and expand their academic study by engaging in compelling applied experiences that transform their learning.

High-Impact Experience (HI) is a required Reflection and Integration course in the IDEAs in Action curriculum (p. 635). 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. 696) course.

Approved Courses

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
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
APPL 493	 Internship in Applied Physical Sciences	3
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	1-3
BIOL 293	 Undergraduate Internship in Biology	3
BIOS 392	 Undergraduate Internship	1-3
BMME 293	 Undergraduate Internship in Biomedical Engineering	1-3
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
DATA 493	 Internship in Data Science	3
DATA 593	 Internship in Data Science	12
DRAM 393	 Professional Theatre Laboratory	1-12
DRAM 493	 Theatre Management	3
ECON 193	 Internship in Shuford Program in Entrepreneurship	1-3
ECON 293	 Internship	3
ECON 327	 Venture-Creation Workshop ^H	3
ECON 393	 Practicum in Entrepreneurship ^H	3-6
EDUC 411	 Making Liberal Arts "Work"	3
EDUC 593	 Internship/Student Teaching	1-12
EDUC 695	 Human and Organizational Leadership 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 293	Internship for Credit	3
ENGL 593	Internship in Health Humanities	3
EXSS 293	Internship in Exercise and Sport Science	1-3
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
HBEH 555	Collaboration & Community Organizing in Public Health: A Community Based Culminating Experience	4
HIST 393	Practical Introduction to Editing, Reviewing, and Publishing Historical Research: Traces 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 593	Internship in Health Policy and Management	2
INLS 393	Information Science Internship	3
LING 493	Internship in Linguistics	3
MEJO 393	Journalism and Media Internship	1
MEJO 593	Washington D.C. In-Residence Semester	3
MUSC 493	Music Internship	3
NDSS 593	Neurodiagnostics and Sleep Science Internship	3
NSCI 493	Internship in Neuroscience	3
NURS 697	Capstone: Transitions in Care and Practice	6
PHYS 293	Internship In Physics and Astronomy	3
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	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
SCLL 393	Mentored Internship in SCLL	3

SOCI 393	Independent Experiential Internship	1-3
STOR 493	Internship in Statistics and Operations Research	3
WGST 393	Internship 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
AMST 398	Service Learning in America	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 119	Experiencing Health Professions: A Service-Learning Partnership for Pre-Health Students	3
BIOL 294	Service Learning in Biology: APPLES ^H	1-2
BUSI 475	Nonprofit Leadership: Strategies and Practices	3
CHIN 441	Chinese-English Translation and Interpreting	3
COMM 82	First-Year Seminar: Food Politics from an Organizational Communication Perspective	3
COMM 473	Advanced Public Speaking: Speaking in Community	3
COMM 625	Communication and Nonprofits in the Global Context	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 461I	Exploring Social Determinants of Health Across Populations	3
EDUC 576	LatinxEd Internship	3
EDUC 583	Career and Professional Development	3
EDUC 615	Schools and Community Collaboration	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
GERM 307	German for Educational and Community Engagement	1
GLBL 485	Comparative Development	3
GLBL 489	Paradigms of Development and Social Change H	3
HBEH 411	Pathways to Effective Community Engagement	2
HBEH 610	Alternative Spring Break	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 ^H	3
MUSC 269	Music in the Community	3
NSCI 294	Service Learning in Neuroscience: APPLES	1-3
NSCI 424	Neural Connections: Hands on Neuroscience	3
NURS 461I	Exploring Social Determinants of Health Across Populations	3
NURS 619	Experiencing Health Professions: A Service-Learning Partnership for Pre-Health Students	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
POLI 414	Election Administration in the United States	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 273	Social and Economic Justice, Experiential Education	3
SOCI 423	Sociology of Education, Experiential Education	3
SOWO 492	Seminar in Service Learning	1-6

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
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 323	Sculpture Garden: Art in the Public and Projects of Scale	3
ARTS 353	Phantasmagoria: Haunted Art, History, and Installation	3
ARTS 409	Art and Science: Merging Printmaking and Biology ^H	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 514	STAR - Experiential Learning Project ^H	4.5
BUSI 583	Applied Investment Management ^H	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 ^H	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 ^H	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
ENGL 259	 Improvisational Comedy Games for Writers	3
ENGL 308	 Gram-O-Rama: Grammar in Performance	4
ENGL 412	 Sketch Comedy Writing	4
FOLK 562	 Oral History and Performance ^H	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 ^H	3
MUSC 256	 Advanced Beat Making Lab	3
MUSC 300	 Advanced Keyboard Lessons and Recital	3
MUSC 302	 Advanced Voice Lessons and Recital ^H	3
MUSC 303	 Advanced String Lessons and Recital ^H	3
MUSC 304	 Advanced Woodwind Lessons and Recital ^H	3
MUSC 305	 Advanced Brass Lessons and Recital ^H	3
MUSC 306	 Advanced Percussion Lessons and Recital ^H	3
MUSC 307	 Advanced Composition/Recital	3
MUSC 364	 UNC Summer Jazz Workshop	3
MUSC 381	 Inside the Song: Analysis of Songcraft	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 ^H	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
BIOL 291	 Teaching Apprentice in Biology	1
BIOL 292	 Teaching Assistant in Biology	2
BMME 291	 Undergraduate Learning Assistantship in Biomedical Engineering	1
CHEM 291	 Teaching Apprentice in Chemistry	1-3
COMM 291	 Undergraduate Learning Assistant in Media Production	3
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
EXSS 391	 Undergraduate Learning Assistantship	1
MATH 291	 Undergraduate Learning Assistantships	1
MCRO 291	 Undergraduate Learning Apprentice	1

MCRO 292	 Undergraduate Learning Assistant	2
PHYS 410	 Teaching and Learning Physics	4
PHYS 510	 Seminar for Physics and Astronomy Teaching Assistants	1
PHYS 510L	 Practicum for Physics and Astronomy Undergraduate Teaching and Learning Assistants	1
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
SCLL 291	 Undergraduate Learning Assistantship	1-3
STOR 291	 Undergraduate Learning Assistantship	1

High Impact Experience-General (HI-GENERAL)

Code	Title	Hours
ARTH 306	 Loving Your Local Art Scene	3
ARTH 551	 Introduction to Museum Studies	3
ARTS 306	 Loving Your Local Art Scene	3
BUSI 293	 Affordable Housing Practicum	3
BUSI 577	 Projects for Investment Management Experiential-Learning	3
DATA 481	 Data Science Practicum	3
EDUC 149	 Experiential Education and Civic Identity	1
EMES 473	 The Changing Coasts of Carolina	3
ENGL 402	 Investigations in Academic Writing and Writing Centers	3
ENGL 473	 The Changing Coasts of Carolina	3
IDST 293	 Global Tech Experience	6
PLAN 636	 Urban Transportation Planning	3
PWAD 480	 The Practice of Connecting with Strangers	3

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

Students build capacities for producing and listening to oral communication across a range of contexts. With multiple audiences, they learn to listen to and persuasively convey knowledge, ideas, and information.







Communication Beyond Carolina (COMMBEYOND) is a required Reflection and Integration course in the IDEAs in Action curriculum (p. 635).

Approved Courses

Code	Title	Hours
ARTH 446	 The Invention of the Modern Artist	3
ARTH 557	 Art and Money	3
ASIA 258	 Iranian Prison Literature	3
BIOL 105L	 Biological Research Skills	3
BIOL 119	 Experiencing Health Professions: A Service-Learning Partnership for Pre-Health Students	3
BIOL 227L	 Communicating Genome Science	3
BIOL 692H	 Senior Honors Thesis in Biology	3
BMME 697	 BME Senior Design: Product Development	3
BUSI 305	 Business German	3
BUSI 401	 Management and Corporate Communication	3
CHIN 441	 Chinese-English Translation and Interpreting	3
CLAR 250	 Who Owns the Past?: Archaeology, Ethics, and Politics ^H	3
CLAS 231	 The Theater in the Greek and Roman World ^H	3
CLAS 300	 Classical Rhetoric: The Science of Persuasive Speech in Classical Antiquity and Beyond	3
CLSC 670	 Clinical Laboratory Science Educational Methods	2
CMPL 258	 Iranian Prison Literature	3
COMM 113	 Public Speaking	3
COMM 160	 Introduction to Performance Studies ^H	3
COMM 171	 Argumentation and Debate	3
COMM 223	 Small Group Communication	3
COMM 260	 Introduction to Performance and Social Change	3
COMM 327	 Constructive Communication Conflict Across Contexts	3
COMM 373	 Commemorative Controversies	3
COMM 473	 Advanced Public Speaking: Speaking in Community	3
COMM 475	 Fostering Civil Discourse: Reasoning Together for Common Good	3
COMM 572	 Public Policy Argument	3
DATA 150	 Communication for Data Scientists	3
DRAM 230	 Theatre of the Word	3
DRAM 360	 Original Theatre Works: Methods, Aesthetics, and Creation	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

EMES 412	 Principles and Methods of Teaching Earth Science	4
EMES 473	 The Changing Coasts of Carolina	3
ENEC 412	 Principles and Methods of Teaching Earth Science	4
ENGL 71	 First-Year Seminar: Healers and Patients ^H	3
ENGL 117	 Arguing on the Internet: Rhetoric in the Age of Social Media	3
ENGL 193	 Introduction to Law and Literature	3
ENGL 205	 Word, Sound, Image: Multimedia Communication	3
ENGL 259	 Improvisational Comedy Games for Writers	3
ENGL 302	 Professional Communication for Social Movements	3
ENGL 303	 Scientific and Technical Communication	3
ENGL 304	 Advanced Business Communication	3
ENGL 308	 Gram-O-Rama: Grammar in Performance	4
ENGL 312	 Oral Presentations in the Professional World ^H	3
ENGL 370	 Race, Health, and Narrative ^H	3
ENGL 384	 Podcasting	3
ENGL 392	 Professional Writing Portfolio Development and Publication	3
ENGL 408	 Collaboration: Composers and Lyricists	3
ENGL 411	 Composing for Clients: Technical Communication Practicum	3
ENGL 412	 Sketch Comedy Writing	4
ENGL 473	 The Changing Coasts of Carolina	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 342	 The Art and Power of Conversation: The Enlightenment Salon	3
FREN 350	 Current Societal Issues: France and Beyond	3
GEOG 415	 Communicating Important Ideas	3
GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
GERM 301	 Advanced Spoken German: Vielfalt in Media	3
GERM 302	 Advanced Written German: Vielfalt in Analytic and Creative Writing	3
GERM 304	 German for the Professions	3
GERM 305	 Business German	3
GERM 307	 German for Educational and Community Engagement	1
HIST 141	 Globalization Since 1500	3
HPM 503	 Introduction to the U.S. Health System II	3

IDST 136I	 Relational Leadership	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
MNGT 223	 Small Group Communication	3
MUSC 268	 Making Music Happen	3
MUSC 381	 Inside the Song: Analysis of Songcraft	3
NURS 619	 Experiencing Health Professions: A Service-Learning Partnership for Pre-Health Students	3
PHIL 102	 Introduction to Philosophy: Central Problems, Great Minds, Big Ideas	3
PHIL 113	 Philosophical Texts that Changed the World: An Introduction To Philosophy Through Great Works	3
PHIL 151	 Theory, Evidence, and Understanding in Science (CommBeyond)	3
PHIL 161	 Virtue, Value, and Happiness: An Introduction to Moral Theory	3
PHYS 281L	 Experimental Techniques in Physics	3
PHYS 481L	 Advanced Laboratory I	2
PLAN 256	 Planning the City: Possibilities, Participants, and Change	3
PLAN 257	 Tools for Urbanists	3
PLCY 79	 First-Year Seminar: Issues in Science and Technology Policy	3
PLCY 356	 Public Interest Technology	3
PLCY 376	 Innovation, Science, and Public Policy	3
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
RELI 415	 Teaching the Bible in Public Education	3
RUSS 409	 Intermediate-to-Advanced Russian Communication, Conversation, and Composition in Context I	3
RUSS 412	 Advanced Communication, Conversation, and Composition in Contemporary Standard Russian II	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
SCLL 85	 First-Year Seminar: What Does it Mean to be a Good Citizen?	3

SCLL 201	 Practice of Civic Life and Leadership	3
SOCI 274	 Advocacy Strategies: Communication Across Movements	3
SPAN 355	 Advanced Spanish Oral Communication	3
STOR 697	 Capstone	3
SWAH 405	 Advanced Kiswahili V	3
SWAH 406	 Advanced Plus Kiswahili VI	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

Interdisciplinary (INTERDISCI) is a required Reflection and Integration course in the IDEAs in Action curriculum (p. 635).

This is a new requirement for students starting at Carolina in fall 2025 or after.

Approved Courses

Code	Title	Hours
IDST 112I	 Death and Dying	3
IDST 113I	 The Idea of Race	3
IDST 114I	 Science Fiction, the Environment, and Vulnerable Communities	3
IDST 115I	 Understanding Health and Happiness	3
IDST 116I	 Gender	3
IDST 117I	 Experiencing Latin America: Bodies, Belonging, Nature	3
IDST 118I	 Fake News, Real Science	3
IDST 119I	 Food: People, Politics, and Policies	3
IDST 120I	 Myths, Moons, and Methods	3
IDST 121I	 Performing and Imagining the American South	3
IDST 122I	 Humans and the Cosmos	3
IDST 123I	 Borders and Boundaries	3
IDST 124I	 Pandemics: Ethics, Literatures, and Cultures	3
IDST 125I	 The Art and Science of Expertise	3
IDST 126I	 Values and Prices	3
IDST 127I	 What is Art? Where is Art?	3
IDST 128I	 Never in Polite Company: Talking about Religion and Politics in Public	3
IDST 129I	 Countering Hate	3
IDST 130I	 The Future of Food	3
IDST 131I	 Voting and Elections	3
IDST 132I	 Science for Hyperpartisan Times	3
IDST 133I	 How to Not Be Fooled - Or Fool Yourself	3
IDST 134I	 Jerusalem: Real and Imagined	3

IDST 135I	 Art and Activism	3
IDST 136I	 Relational Leadership	3
IDST 137I	 Live Arts Laboratory	3
IDST 138I	 Telling Other People's Stories	3

Lifetime Fitness

To gain facility and knowledge of life-long physical wellness, students must participate in a Lifetime Fitness class. This class combines instruction in and practice of a sports or physical activity along with instruction in physical well-being (exercise and fitness) to promote lifelong fitness.

Lifetime Fitness (LIFE-FIT) is a required Reflection and Integration course in the IDEAs in Action curriculum (p. 635).

Approved Courses

Code	Title	Hours
LFIT 102	 Lifetime Fitness: Adapted Physical Activity	1
LFIT 103	 Lifetime Fitness: Aerobics	1
LFIT 104	 Lifetime Fitness: Exercise and Conditioning	1
LFIT 105	 Lifetime Fitness: Indoor Sports	1
LFIT 106	 Lifetime Fitness: Beginning Jogging	1
LFIT 107	 Lifetime Fitness: Intermediate Jogging	1
LFIT 108	 Lifetime Fitness: Outdoor Sports	1
LFIT 109	 Lifetime Fitness: Racquet Sports	1
LFIT 110	 Lifetime Fitness: Beginning Swimming	1
LFIT 111	 Lifetime Fitness: Swim Conditioning	1
LFIT 112	 Lifetime Fitness: Walking	1
LFIT 113	 Lifetime Fitness: Weight Training	1
LFIT 114	 Lifetime Fitness: Yoga and Pilates	1
LFIT 115	 Lifetime Fitness: Cycle Fitness	1
LFIT 118	 Lifetime Fitness: Flag Football	1
LFIT 128	 Lifetime Fitness: Self Defense	1
LFIT 129	 Lifetime Fitness: Downhill Skiing and Snowboarding	1
LFIT 130	 Lifetime Fitness: Soccer	1
LFIT 138	 Lifetime Fitness: Tennis	1
LFIT 140	 Lifetime Fitness: Ultimate Frisbee	1
LFIT 145	 Lifetime Fitness: Brazilian Jiu Jitsu	1
LFIT 146	 Lifetime Fitness: Sand Volleyball	1
LFIT 190	 Special Topics in Lifetime Fitness	1
LFIT 998	 Lifetime Fitness Transfer Credit	1

Foundations of American Democracy

Starting in Fall 2025, all new first-year and transfer students at Carolina will need to complete the Foundations of American Democracy (FAD) requirement in the IDEAs in Action curriculum (p. 635).

(If you started at Carolina before Fall 2025, you do not need to complete this requirement.)

Approved Courses

Code	Title	Hours
ARTH 161	 Introduction to American Art	3
CLAS 271	 Classical Rhetoric and American Democracy	3
DRAM 388	 Theatre, Law, and American Values	3
ENGL 275	 Founding Fictions: Democracy and American Literature	3
HIST 88	 First Year Seminar: America's Founding Documents	3
HIST 101	 A History of Lies, Conspiracies, and Misinformation	3
HIST 102	 Introduction to Major Problems in U.S History	3
HIST 126	 Early American History and the Foundations of American Democracy	3
HIST 238	 The American Revolution, 1763-1815	3
IDST 131I	 Voting and Elections	3
PHIL 175	 Philosophical Foundations of American Democracy	3
POLI 100	 American Democracy in Changing Times ^H	3
POLI 279	 American Political Thought Through the Civil War ^H	3
POLI 280	 American Political Thought After the Civil War ^H	3
PWAD 238	 The American Revolution, 1763-1815	3
PWAD 250	 Introduction to Peace and Security Studies	3
RELI 231	 The Bible in America	3
SCLL 150	 Foundations of American Civic Life ^H	3
SCLL 155	 Declaration of Independence: Contexts & Controversies	3
SCLL 165	 What is the American Character?	3
SCLL 180	 Democracy in America: Promises and Perils	3
SCLL 250	 Democracy-Ancient and Modern	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.

Campus Life Experience

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 or unit. Events may include students on the program but may not be entirely composed of students.

All approved events are posted to Heel Life (<https://heelife.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 and enrolled in fewer than nine hours need to complete only one CLE for that term. An underload of nine or more hours still requires two CLEs for that term.

SCHOOLS/COLLEGE

Division of Academic Affairs

- College of Arts and Sciences (General College) (p. 31)
 - School of Civic Life and Leadership (p. 252)
- Kenan–Flagler Business School (p. 32)
- School of Data Science and Society (p. 44)
- School of Education (p. 67)
- School of Information and Library Science (p. 78)
- Hussman School of Journalism and Media (p. 83)

Division of Health Affairs

- Adams School of Dentistry (p. 54)
- School of Medicine: Department of Health Sciences (p. 425)
- School of Nursing (p. 92)
- Eshelman School of Pharmacy (p. 100)
- Gillings School of Global Public Health (p. 31)

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. 106).

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.), 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.

The College of Arts and Sciences offers more than 50 major fields of study (p. 107). 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. 634) 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. 155) 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. 472), 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. 711)). 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. 231) (B.S.P.H. –M.S.), Gillings School of Global Public Health
- City and Regional Planning (p. 250) (multiple bachelor's degree majors possible–MCRP), College of Arts and Sciences
- Computer science (p. 281) (B.S.–M.S.), College of Arts and Sciences
- Contemporary European studies (p. 363) and political science (B.A.–M.A. Trans-Atlantic Master's Program), College of Arts and Sciences
- Education M.A.T. (p. 67) (multiple bachelor's degree majors possible), School of Education
- English and comparative literature (p. 314) with a concentration in literature, medicine, and culture (B.A.–M.A.), College of Arts and Sciences
- Environmental science and engineering (p. 356) (multiple B.S. degree majors possible or B.S.P.H.–M.S. or M.S.P.H.), Gillings School of Global Public Health
- Environmental science and information science (p. 341) (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. 333) (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. 333) (B.A. or B.S.–M.A.), College of Arts and Sciences and the School of Journalism and Media
- Information science (p. 79) (B.S.I.S.–M.S.I.S. or M.S.L.S.), School of Information and Library Science
- Linguistics (p. 456) (B.A.–M.A.), College of Arts and Sciences
- Nutrition (p. 483) (B.S.P.H.–M.S.), Gillings School of Global Public Health
- Public Policy (p. 545) (multiple bachelor's degree majors possible–MPP), College of Arts and Sciences
- Statistics and analytics (p. 612) and statistics and operations research (B.S.–M.S.), College of Arts and Sciences

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 IDEAs in Action requirements (p. 634). In some B.S. programs offered by professional schools, Focus Capacity 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.¹

- 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. 753).

Additional Notes

¹ 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/upm-14-administration-of-international-and-domestic-study-abroad-and-exchange-programs/>); approved fall 2020 for spring 2021 implementation.*

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. In the College of Arts and Sciences, dean's office approval is granted by the Associate Dean for Academic Advising#or their designee. Students should refer questions to the Academic Advising Program.

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.
- A course used to fulfill "Gateway," "Prerequisite," or "Additional Requirements" for a declared major (as outlined in the *Undergraduate Catalog*) may not be declared a Pass/Fail course (p. 743). Understanding that exploration may also lead to interest in a particular area, students may elect to use one course completed with a grade of PS, not LP, towards major "Core Requirements" (as outlined in the *Undergraduate Catalog*).
- 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. 735) 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 core 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. 735) course (three to four credit hours) may be used as part of a minor.
- A course used to fulfill "Gateway," "Prerequisite," or "Additional Requirements" for a declared minor (as outlined in the *Undergraduate Catalog*) may not be declared a Pass/Fail course (p. 743). Understanding that exploration may also lead to interest in a particular area, students may elect to use one course completed with a grade of PS, not LP, towards minor "Core Requirements" (as outlined in the *Undergraduate Catalog*).
- 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 to satisfy core requirements 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.

Note: For the purposes of the double-counting policy, a lecture/lab combo course (e.g., BIOL 278/BIOL 278L) is counted as one course, not two.

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. Participation in UNC Commencement (<https://commencement.unc.edu/>) does not require an active graduation application.

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 Policies and Procedures

The Policies and Procedures (p. 727) 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

The Phi Beta Kappa national collegiate honor society (<https://phibetakappa.web.unc.edu/eligibility/>) is open to all currently-enrolled undergraduate students. There are two methods by which a student may qualify for membership:

Method 1 (for students entering UNC as first years)

1. Complete at least **75 hours in graded liberal arts and sciences coursework at UNC** (which excludes LFIT/PHYA hours, pass/fail hours, transfer hours, by exam credit hours, professional school hours, and study abroad hours in courses graded SA)
2. Attain a **quality point average of at least 3.850 in graded liberal arts and sciences coursework**

Method 2 (for students entering UNC as transfers)

1. Complete at least **45 hours in graded liberal arts and sciences coursework at UNC** (which excludes LFIT/PHYA hours, pass/fail hours, transfer hours, by exam credit hours, professional school hours, and study abroad hours in courses graded SA)
2. Attain a **quality point average of at least 3.850 in graded liberal arts and sciences coursework**

No grades made at an institution from which a student has transferred shall be included in determining a student's eligibility.

Because Phi Beta Kappa honors excellence in the liberal arts and sciences, applied or pre-professional coursework shall not be considered in determining eligibility. This stipulation excludes professionally focused courses and courses devoted to the acquisition of practical skills.

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.

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

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. 715)
- Resources: Campus Life (p. 717)
- Resources: Career Planning (p. 724)
- Resources: Health and Wellness (p. 724)
- Resources: Service and Leadership (p. 725)

Resources: Academic and Research Thrive@Carolina Campus Hubs

Chloë J. Russell, M.Ed., *Associate Dean and Director*

Thrive@Carolina Campus Hubs (Hubs), which includes UNC 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. Kim Abels, Ph.D., *Interim Associate Dean*
2203 SASB North; (919) 966-2143

The Center for Student Success (CFSS) (<https://studentsuccess.unc.edu/>) has a simple mission, which is connecting with all UNC–Chapel Hill students to promote your academic and personal growth. 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 all undergraduates.

Carolina Firsts

Brittany Grant, M.S., *Program Coordinator*
grantbn@live.unc.edu (grantbn@live.unc.edu)
2203 SASB North; (919) 843-8697

Carolina Firsts refers to the first-generation students at UNC. The program is dedicated to supporting and empowering the first-generation population to achieve their academic and personal goals through programming and one-on-one support.

Examples of events and programming include:

For more details on events, visit the Events (<https://studentsuccess.unc.edu/carolina-firsts/events-activities/>) page or visit the Heel Life page (<https://heelife.unc.edu/organization/cfssprograms/>).

- **First-Gen Fridays:** Once a month we hold space for first-gen students to build community through fun, social activities
- **I am First: Workshop Series:** These monthly workshops cover various topics related to students' personal, professional, and academic success
- **Events during Family Weekend**
- **National First-Gen Day Celebration:** Usually held around November 8. Several events recognize and celebrate first-generation students
- **Graduation and Pinning Ceremony:** Graduating, first-generation seniors receive "Carolina Firsts" pins. Friends and family are invited to attend

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 Peer Mentoring Programs

Hannah Ford, M.A., *Peer Mentoring Coordinator*
0118 SASB North; CB#3106
(919) 962-2185

Peer Mentoring assists in the academic, social, and personal development and adjustment of our newest Tar Heels in their first year at

UNC. 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.

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.

Summer Bridge

Brittany Grant, M.S., *Program Coordinator*

0118 SASB North, CB# 3106

(919) 843-8697

Summer Bridge (<https://studentsuccess.unc.edu/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 academic courses, designed to strengthen both written 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.

Transfer Students

Luke Fayard, M.A., *Transfer Student Coordinator*

2203 SASB North

(919) 445-4890

Transfer Student Support (<https://studentsuccess.unc.edu/transfer-students/>) programs and opportunities are 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. Program and support services include academic coaching and peer mentor support, along with several opportunities throughout the academic year for community building.

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 these terminal degrees 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/>) to identify programs that are relevant to their career pathway. First year students or those beginning their journey are encouraged to take BIOL 117 (Exploring Health Professions) and BIOL 118 (Pursuing Health Professions), which are pass/fail 1 credit options focused on exposing students to health professions careers as well as the application process.

The HPA office advises 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. Students can make an appointment with health professions advisors virtually or in person (Health Sciences Library Suite #217B), or join our listserv by visiting 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.

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.

UNC Research Stories (<https://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://romlpub.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.

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

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/departments/student-life-leadership/student-activities/carolina-union-activities-board-cuab/>) (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 (e-mail)
offcampus.unc.edu (<http://offcampus.unc.edu>) (Web)
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 Baity 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
[unc_fsl](#) (Instagram)
<http://fsl.unc.edu> (Web)
twitter.com/uncgreek (<http://twitter.com/uncgreek>) (Web)
fsl@unc.edu (email)

Fraternity and Sorority Life (<https://ofslci.unc.edu/>) provides services, programs, and assistance to the 51 organizations 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>)
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 (<https://its.unc.edu/get-started/>). To keep up with ITS throughout the year, follow @UNCTarHeelTech on Instagram, Threads, and X (formerly Twitter).

Tech Tools

ITS provides UNC students with tech for both work and play. Here are the top free tech tools from ITS:

- Adobe Creative Cloud. Visit adobe.unc.edu (<https://adobe.unc.edu>) to request a free license to get started with digital imaging, video and audio editing, and more.
- Microsoft Copilot with Data Protection. Copilot is an enterprise level generative AI tool. Visit [copilot. \(https://copilot.microsoft.com\)](https://copilot.microsoft.com) and sign in with a UNC email address to get started.
- LinkedIn Learning. From public speaking to prompt engineering to Photoshop, LinkedIn Learning has it all. Sign up at go.unc.edu/linkedin/ for free access.
- Web hosting. Make a WordPress website for class, a club or just for fun at tarheels.live (<https://tarheels.live/>).
- And more! Visit software.unc.edu (<https://software.unc.edu>) to see what else ITS offers.

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.

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>).

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. Visit print.unc.edu (<https://print.unc.edu>) for a map of 70 campus printing locations and details about mobile and touchless printing.

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>) to chat or submit a request, or visiting us in person in the Frank Porter Graham Student Union. 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>) and 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 and download.

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, Third Floor, Suite 3308
385 Manning Drive
(919) 843-5376
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, Spring Family Day, communications through the UNC Family Experience portal, and family engagement opportunities, including the Carolina Parents Council and High Fives for Heels.

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>) fosters the learning and development, health and well-being, campus and community engagement, and sense of belonging of our more than 31,000 undergraduate, graduate, and professional students at Carolina. Our resources and programs are designed to support students' retention, persistence, and success, helping them become responsible citizens and

leaders on our campus, as well as in our local and global communities. Student Affairs comprises 18 departments and employs more than 300 full- and part-time staff and more than 1,300 students in myriad roles.

Student Affairs provides resources, programs, and services that facilitate students' learning beyond the classroom. We believe in a holistic approach to student development and aim to interconnect students' academic experiences with leadership, civic engagement, career readiness, innovation, and service learning, and other opportunities that are hallmarks of a UNC–Chapel Hill education. We promote welcoming, respectful, and intentionally inviting environments that elevate the well-being of individuals and our community and seek to extend our Carolina culture of compassion and care, on campus and beyond.

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/wp-content/uploads/sites/14573/2022/06/USG-Student-Code-06.15.22.pdf>).

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

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

Equal Opportunity and Compliance

Equal Opportunity and Compliance (EOC) (<https://eoc.unc.edu>) assists the University community with disability, pregnancy, and religious accommodation requests, including auxiliary aids and services. EOC also offers training and consulting services to address any questions or accessibility needs. EOC 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 EOC through the submission of an accommodation request form (https://unc.az1.qualtrics.com/jfe/form/SV_8ChSrWMwoqPmUSO/) and documentation.

The EOC Student Accommodations Team is located in Suite 2126 in the Student Academic Services Building North. Office hours are 8 a.m. to 5 p.m., Monday through Friday. ARS staff can be contacted by email at accommodations@unc.edu or telephone at (919) 962-8300 (V) (TTY-711 [NC RELAY]). More information is available on the EOC website (<https://catalog.unc.edu/resources/health-wellness/https://eoc.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) North, can be reached Monday through Friday from 9:00 a.m. to 5:00 p.m. at (919) 962-9355.

Resources: Service and Leadership 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/High-Impact Experience 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. (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. (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 inquiries, contact ccps@unc.edu.

To stay informed about the many different public service opportunities at Carolina, inquire about the center's biweekly Public Service News listserv at ccps@unc.edu.

POLICIES AND PROCEDURES

The policies, procedures and standards of the University of North Carolina at Chapel Hill (<https://www.unc.edu/>) are maintained by the University (<https://universitypolicy.unc.edu/>) Policy Office with the exception of academic policies governed by University faculty via The Faculty Code of University Government. Many of the University policies relevant to students are referenced in this catalog and linked to the policy repository containing the most recent version of official policies. Academic policies related to the education activities of the University and the awarding of degrees are found throughout the catalog. The academic policies and procedures in this section include information about course credit; registration and enrollment; attendance, grading, and examination; academic standing; and degree conferral and transcripts.

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.

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. Divide your completed hours by attempted hours to calculate your completion rate. You need to maintain at least 66% or .667.
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. 735)") 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 UNC Advising (<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 (<https://fridaycenter.unc.edu/students/non-degree-studies/enrollment/>).

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. 735) 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. 729).

Attendance, Grading, and Examination

Class Attendance Policy

(Maintained by the Education Policy Committee. Resolution 2024-6 (https://facultygov.unc.edu/wp-content/uploads/sites/261/2024/04/Proposed-resolution-on-UAA-Policy_April-2024_updated.pdf), passed on April 26, 2024; Updated on August 19, 2024)

The Faculty Council enacts:

Section 1. The academic regulation concerning University approved absences shall be as follows for all students, beginning with fall semester 2024:

Class Attendance Policy

This policy applies *only* to University approved absences, which are listed below. For absences related to final examinations, see the Policy on Final Examinations.

Regular class attendance is a student obligation. Students are responsible for all work, including assessments, tests, and written work, and for all class meetings, as outlined in each individual course syllabus. These policies apply for fall, spring, and summer terms.

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;
2. Disability, religious observance, pregnancy, or short-term military service, as required by law or approved by the Equal Opportunity and Compliance Office (EOC), or in the case of short-term military service, the Dean of Students;
3. Significant health condition and/or personal/family emergency as approved by the Office of the Dean of Students, Gender Violence Service Coordinators, and/or the Equal Opportunity and Compliance Office.

In situations when an absence is not University approved (e.g., due to a job interview, club activity, common illness such as the flu, strep throat, or Covid), instructors determine their own approach to missed classes and make-up assessments and assignments.

The University's policy regarding University approved absences and the instructor's course-level policies, including those for attendance, are communicated to students via the instructor's *course syllabus* on the first day of class.

Students are encouraged to communicate early and often with their instructors about potential absences, and are reminded that they are

bound by the Code of Student Conduct to always be honest in making a request for a University approved absence.

Make-up Coursework and Assessments

All students with University approved absences will be treated fairly and equitably, regardless of the reason for the absence. The rationale for the University approved absence will not be communicated in the notification to instructors.

Instructors will provide reasonable adjustments that permit course objectives and learning outcomes to be met. These adjustments must allow students to demonstrate what they have learned and not penalize the students' final grade in the course. Faculty will clearly define these adjustments in the syllabus. It is a University expectation that instructors be prudent, fair, and equitable when a student misses an assessment due to a University approved absence. The total number of allowable University approved absences per course will be based on individual course learning methodologies and outcomes as determined by the student, their course instructor(s) and the designated University office/department (e.g., EOC, department chair). For further details on make-up policies, see implementation details on the University Approved Absence Office website as well as the review process described at the end of the policy.

Notification of University Approved Absences

1. Authorized University Activities: Students acting as official representatives of the University who are participating in University-sanctioned activities will be granted a University approved absence. An absence is an authorized University activity if the absence serves a purpose for the whole university as *the university*, as a collective entity. An example would be if the student body president is attending a national conference of student body presidents, sponsored by the Dean of Students. A second example would be required participation in and support for NCAA varsity sports. An absence is not University authorized if it is for one class, one major, one professor, or one student organization. The University Approved Absence Office will verify the validity of the request. In situations where the absence is planned the request for a UAA must be submitted as soon as the date is set; in situations where the absence is unplanned, the request should be submitted to the UAAO as soon as possible. If the UAAO approves the request, students have the responsibility to inform their instructor prior to the next class attendance.

2. Accommodations for disability/religious observances/pregnancy/short-term military service, as required by law:

a. Equal Opportunity and Compliance (EOC) verifies University approved absences for students who have been identified and provided accommodations by their office. EOC contacts those students' instructors directly through a faculty notification.

b. Religious Observance: Pursuant to North Carolina General Statute 116-11(3a), students are authorized a minimum number of University approved absence(s) according to state law for religious observance/practices required by their faith, and the University is required to consider requests for more than two absences as religious accommodation on a case-by-case basis. Students who wish to request University approved absences for religious observance required by their faith should review the University's Accommodations Policy and follow the procedure set out in that policy for requesting such absences. Students are responsible 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, or within the first two days of a summer session. Primary holy days for religious observance

are noted on the UNC Web-based interfaith calendar. 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 Accommodations Policy and should contact the Equal Opportunity and Compliance Office prior to the requested dates for review and approval.

d. Short-Term Military Leave: Federal or state military orders that require a student's absence should be submitted as soon as received to the UAAO. The documentation will be reviewed by the Veterans Resource Center. After the documentation is verified, The University Approved Absence Office will communicate the University approved absence to course instructor(s). A student is eligible for University approved absence/s under this policy if, during an absence, the student performs uniformed service, voluntary or involuntary, in the Armed Forces, including the National Guard or Reserve, active duty, or active duty for training.

3. Significant Health Conditions and/or Personal/Family Emergencies as approved by the Dean of Students office, Gender Violence Service Coordinators and/or the Equal Opportunity and Compliance Office. Significant health conditions are generally defined to be ones in which the student will be required to miss five or more consecutive days of class. Once the documentation has been approved, the approving office will 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.

Review

Review of Faculty-Provided UAA Academic Adjustment(s): Given the swift and cumulative nature of a semester, a plan for the adjustment should be made no later than five business days of the last absence. For planned or pre-approved University approved absences, the plan for adjustments will be determined prior to the absence dates. After receiving the final adjustment plan from the instructor, if the student feels that a reasonable adjustment plan was not provided, they may submit a review request about the academic adjustment only within three business days of receiving the adjustment plan from the instructor as described on the University Approved Absence Office website. The review will be completed within three business days of submission of the review and be a true evaluation of the circumstances by the chair or chair designate.

Section 2. Resolution 2018-1 is repealed and replaced by this updated policy.

Submitted by the Educational Policy Committee

Links to additional resources,

- University Approved Absence Office website: <https://uaao.unc.edu/> (<https://uaao.unc.edu/>)
- Accommodations Policy: <https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet?ID=131715> (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131715>)
- UNC web-based interfaith calendar: <https://diversity.unc.edu/holy-days-observances/> (<https://diversity.unc.edu/holy-days-observances/>)

Final Examinations

The complete Final Examination policy for the University is UPM#8 Examination System (<https://registrar.unc.edu/upm-8-examination-system/>). Details on final examinations are found in this policy.

This below portion of the policy applies to all undergraduate courses across the University. *(Maintained by the Education Policy Committee. Resolution 2017-5, passed on April 21, 2017; Resolution 2017-5.1, passed on May 15, 2017)*

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 (<https://registrar.unc.edu/final-exam-calendars/>), 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. 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.

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.

Pass/Fail Option

The Pass/Low Pass/Fail (PS/LP/F) option provides undergraduate students an opportunity to explore areas of interest without penalty to their overall GPA. Courses declared on a PS/LP/F basis do not count towards a student's GPA, unless the course is failed, but do count towards credit hours for graduation and satisfactory academic progress and eligibility completion rates. Students who declare a course PS/LP/F will receive:

- the notation of PS (pass) when a letter grade of A through C is earned,
- the notation of LP (low pass) when a letter grade of C-, D+, or D is earned,
- and a grade of F when the course is failed.

Low Pass (LP)

- Low passing grade for a course using **PS/LP/F** grading, when an undergraduate student would have earned a letter grade of C-, D+, or D. Effective special grading accommodation for fall 2020, spring 2021, and later approved as a permanent grade.

- For undergraduate students who elect to take a class under the **PS/LP/F** option, the instructor must assign the regular appropriate letter grade.
- Instructors are not informed of which students have elected the **PS/LP/F** option.
- Grades of C-, D+, or D are converted to a LP grade on the official record maintained by the Office of the University Registrar.

Pass (PS)

- Passing grade for a course using **PS/LP/F** grading, when an undergraduate student would have earned a letter grade of A through C. Prior to fall 2020 the PS grade was used when a student would have earned a letter grade of A through D and the LP grade was not used.
- For undergraduate students who elect to take a class under the **PS/LP/F** option, the instructor must assign the regular appropriate letter grade.
- Instructors are not informed of which students have elected the **PS/LP/F** option.
- Grades of A through C are converted to a PS grade on the official record maintained by the Office of the University Registrar.

PS and LP notations do not impact a student's grade point average (GPA); however, an F grade is treated in the same manner as F grades earned in any other course and therefore does impact a student's GPA. Courses used to fulfill "gateway," "prerequisite," or "additional requirements" for a declared major or minor (as outlined in the *Undergraduate Catalog*) **may not** be declared as PS/LP/F. Also, students **may not** elect to change their major or minor for the purpose of declaring a course on a PS/LP/F basis. Understanding that exploration may also lead to interest in a particular area, students may elect to use one course completed with a grade of PS, not LP, towards major and/or minor "Core Requirements" (as outlined in the *Undergraduate Catalog*). Instructors are not informed when a student changes the grading basis to PS/LP/F and report earned grades to the Registrar's Office where the grade is converted to a PS or LP. All PS/LP/F declarations are final. Once a course has been declared as PS/LP/F, students cannot reverse their decision and change the grading basis back to a letter grade.

Pass/Low Pass/Fail Declaration Procedure

To declare a course Pass/Low Pass/Fail (PS/LP/F), a student must complete the PS/LP/F Course Request Form within ConnectCarolina. Students are advised to discuss the advisability of declaring a course PS/LP/F with their assigned advisor or faculty advisor (if appropriate) before committing themselves to a formal declaration. Students considering this option are cautioned that many admissions representatives from professional schools and graduate school programs consider applicants whose transcripts have a significant number or trend of PS/LP grading notations less favorably than applicants whose transcripts contain none or very few. The period for PS/LP/F declarations begins on the fifth day of classes of each semester and concludes at the end of the eighth week of classes.

Regulations Governing the Pass/Low Pass/Fail Option

The following regulations govern the use of the Pass/Low Pass/Fail (PS/LP/F) option:

1. Students may only take one student-elected PS/LP/F course each semester.
2. No more than 23 total credit hours of PS/LP/F credit hours will be allowed in a student's undergraduate career, with no more than 16

hours (of the 23) from student-elected PS/F classes and no more than 13 hours (of the 23) from established PS/LP/F courses.

3. The following courses may not be declared PS/LP/F:

- Courses only offered on a PS/LP/F grading basis per the *Undergraduate Course Catalog*
- Courses used to satisfy First-Year Foundations requirements
- Courses used to satisfy General Education requirements
- Global language courses levels 1 through 3 if the language is being used to fulfill the General Education requirement
- Courses successfully completed for a letter grade (A–D)
- Courses used as "gateway," "prerequisite," and/or "additional requirements" for declared majors and minors per the *Undergraduate Course Catalog* (i.e., courses not listed as "core requirements")
- Summer School courses
- An honors seminar or honors course
- Courses taken via interinstitutional enrollment

Maintained by the Educational Policy Committee. Last approved on April 28, 2023.

For more information, see UPM #24 (<https://registrar.unc.edu/academic-services/policies-procedures/university-policy-memorandums/upm-24-the-grading-system/>).

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.

Students cannot be cleared for graduation or certificate completion if a temporary grade (AB, IN, NG, NR, SP) is posted for any course.

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.

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. 743).

Grades Earned at Other Institutions

With the exception of courses taken via interinstitutional registration (p. 743), 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. 20) and Academic Eligibility (p. 727).

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**
- **Honor Court** sanction
- **Harassment**
- **Discrimination**

The Policy on Prohibited Discrimination, Harassment, and Related Misconduct (<https://eoc.unc.edu/our-policies/ppdhrm/>) prohibits discrimination or harassment 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. The policy provides specific information about prohibited conduct for students who believe that they have been discriminated against or harassed on the basis of one or more of these protected classifications. Students who want additional information regarding the University's process for investigating allegations of discrimination or harassment should contact the Equal Opportunity and Compliance Office for assistance:

Equal Opportunity and Compliance Office
The University of North Carolina at Chapel Hill
214 W. Cameron Avenue, 2nd Floor
Campus Box 9160
Chapel Hill, North Carolina 27599
Telephone: (919) 966-3576
Email: eoc@unc.edu

Any administrator or supervisor, including a department chair, associate dean or other administrator, who receives a student's complaint about prohibited harassment or discrimination must notify the Equal Opportunity and Compliance Office immediately after receiving the complaint. If a student raises a claim of prohibited harassment or discrimination during an academic appeal, an assessment and/or investigation of the student's claim must be performed under the direction of the Equal Opportunity and Compliance Office. The academic program or school must await the results of the harassment or discrimination assessment and/or investigation before taking action on the student's academic appeal.

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. In the College of Arts and Sciences, dean's office approval is granted by the associate dean for academic advising (<https://advising.unc.edu/advisors/>) or their designee.

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.

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. 20)" 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.
- No more than five BE credit courses may be used to fulfill the general education Focus Capacities requirements.

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 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
Art History	3	ARTH 152	3
Art Studio Drawing	3	Studio Art General Elective	3
Art Studio Drawing	4	ARTS 104	3
Biology	3	BIOL 101, BIOL 101L	4
Calculus AB	2	MATH 110P, MATH 129P	0
Calculus AB	3	MATH 110P, MATH 129P, MATH 231	4
Calculus AB Subscore	2	MATH 110P, MATH 129P	0
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
Comparative Government and Politics	4	POLI 130	3
Computer Science A	3	COMP 101	3
Computer Science A	5	COMP 101, COMP 110	6
Economics - Either Micro or Macro	3	Economics General Elective	3
Economics - Either Micro or Macro	4	ECON 100	3
Economics - Both Micro and Macro	4	ECON 100, ECON 101	7
English Language 3 and Composition	3	English General Elective	3
English Language 4 and Composition	4	ENGL 110	3
English Literature 3	3	English General Elective	3
English Literature 5	5	ENGL 190	3
Environmental Science	3	Environmental Studies General Elective	3
Environmental Science	4	ENEC 202	4
European History	3	HIST 104	3
French Language 3 and Culture	3	French General Elective and placement into FREN 203	3
French Language 4 and Culture	4	French General Elective, FREN 203, and placement into FREN 204	6
French Language 5 and Culture	5	French General Elective, FREN 203, FREN 204, and placement into FREN 255, FREN 260, or FREN 262	9
Geography (Human)	3	GEOG 120	3

German Language	3	German General Elective and placement into GERM 203 *	3
German Language	4	German General Elective, GERM 203, and placement into GERM 204 *	6
German Language	5	German General Elective, GERM 203, GERM 204, and placement into GERM 301 or GERM 302 *	9
Italian Language and Culture	3	Italian General Elective and placement into ITAL 203	3
Italian Language and Culture	4	Italian General Elective, ITAL 203, and placement into ITAL 204	6
Italian Language and Culture	5	Italian General Elective, ITAL 203, ITAL 204, and placement into ITAL 300	9
Japanese	3	Japanese General Elective *	3
Japanese	4	JAPN 203 *	4
Latin	3	Latin General Elective	3
Latin	4	LATN 203	3
Latin	5	LATN 203, LATN 204	6
Music Theory	3	MUSC 121	3
Music Theory	5	MUSC 121, MUSC 130, MUSC 131	7
Physics 1	3	Physics General Elective	3
Physics 1	4	PHYS 114	4
Physics 2	3	Physics General Elective	3
Physics 2	4	PHYS 115	4
Physics B	3	Physics General Elective	3
Physics B	5	PHYS 114, PHYS 115	8
Physics C E&M	3	Physics General Elective	3
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	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 A HL	4	ENGL 191	3
English A 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
French ab initio SL	5	French General Elecitve; Placement by exam. (See languageplacement.unc.edu)	3
French ab initio SL	6	French General Elective; Placement into FREN 203	3
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 Americas HL	4	HIST General Elective	3
History HL	4	HIST 103	3
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 ab initio SL	5	Spanish General Elective; Placement by exam. (See languageplacement)	3
Spanish ab initio SL	6	Spanish General Elective; Placement into SPAN 203	3
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	7
Biology AS Level	BIOL 101, BIOL 101L	4
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
Computer Science A Level	COMP 110	3
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
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Biology	IV	BIOL 101, BIOL 101L	4
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	4
Spanish	SPAN 203, SPAN 204	6

College Level Examination Program (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 Language II	59	FREN 203 PL	Placement credit for FREN 203; 0 hours awarded
Precalculus	50	MATH 110P, MATH 129P	0
Spanish II	63	SPAN 203 PL	Placement credit for SPAN 203; 0 hours awarded
Spanish with Writing II	65	SPAN 203 PL, SPAN 204 PL	Placement credit for SPAN 203 and SPAN 204

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

French SAT II

SAT II French with Listening

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

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

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

German SAT II

SAT II German

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

Chinese SAT II

SAT II Score	Placement into the Following Course	Credit Awarded
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650 & above	Placement by department exam. (See languageplacement.unc.edu)	CHIN 203
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Japanese SAT II

SAT II Score	Placement into the Following Course	Credit Awarded
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650 & above	Placement by department exam. (See languageplacement.unc.edu)	JAPN 203
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Korean SAT II

SAT II Score	Placement into the Following Course	Credit Awarded
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650 & above	Placement by department exam. (See languageplacement.unc.edu)	KOR 203
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Mathematics, ACT

Score	Placement Into Course(s)	Credit Awarded
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26 - 28	MATH 130 or MATH 152	MATH 110P
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29 and Higher	MATH 231	MATH 110P, MATH 129P
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Mathematics, SAT

Score	Placment into Course(s)	Credit Awarded
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610 - 670	MATH 130 or MATH 152	MATH 110P
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680 - and Higher	MATH 231	MATH 110P, MATH 129P
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Mathematics, SAT II

Test	SAT II Score	Placement into the Following Course	Credit Awarded
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Math Level 1	590 - 800	MATH 130 or MATH 152	MATH 110P
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Math Level 2	570 - 630	MATH 130 or MATH 152	MATH 110P
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Math Level 2	640 - 800	MATH 231	MATH 110P, MATH 129P
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National Examinations in World Languages (NEWL)

Exam	Score	UNC Credit	Credit Awarded
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Portuguese	3	Portuguese General Elective, Placement into PORT 203	3
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Portuguese	4	Portuguese General Elective, PORT 203, Placement into PORT 204	6
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Portuguese	5	Portuguese General Elective, PORT 203, PORT 204, Placement into PORT 310	9
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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://englishcomplit.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 and 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. 629) 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 and 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.

Course Delivery Options

Individual classes may have unique characteristics that do not align exactly with the course's mode; however, the following descriptions of each mode provide an overview of the instructional format.

In Person (IP)

- Students are expected to attend all scheduled course meetings and exam times (including the final exam) in person throughout the semester.
- In some courses, selected content may be delivered remotely, and selected course meetings may be remote.

In Person and Remote (IR)

- Students are expected to attend all scheduled course meetings and exam times throughout the semester. The course will have regular synchronous sessions where some students are in person and some students are remote.
- Many students will attend class in person and may be asked to take exams (including the final exam) in person.
- Remote attendance options will be available for some students, and some students may be able to complete the entire class remotely.
- The amount of available remote participation may vary by course. In some courses, selected content may be delivered remotely to all students, and selected course meetings may be remote for all students.

Remote Synchronous (RS)

- All instruction will be remote.
- Students are expected to attend all scheduled course meetings and exam times (including the final exam) via Zoom, Teams, or a similar platform.
- No in-person attendance will be required.

Remote Mostly Asynchronous (RM)

- All instruction will be remote.
- Students will be expected to attend selected scheduled course meetings and exam times (including the final exam) via Zoom, Teams, or a similar platform.
- Synchronous session attendance requirements will be detailed in Class Features before the start of the term.
- Most class sessions, activities, and/or exams will be asynchronous and self-paced within defined timeframes; students will be expected to meet deadlines throughout the semester.
- No in-person attendance will be required.

Remote Asynchronous (RA)

- All instruction will be remote.
- All class sessions, activities, and/or exams (including the final exam) will be asynchronous and self-paced within defined timeframes; students will be expected to meet deadlines throughout the semester.
- No in-person or synchronous session attendance will be required.

The College of Arts and 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).

For more information, see UPM #31 (<https://registrar.unc.edu/academic-services/policies-procedures/university-policy-memorandums/upm-31-instructional-modes/>).

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 GENR 203 (level 3) which meets the global language General Education requirement.
- Placement (PL) credit without hours for level 3 (GENR 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/upm-30-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. Please see the full text of UPM #5 (<https://registrar.unc.edu/upm-5-registration-drop-add-and-class-rolls/>) on the University's policy website (<https://registrar.unc.edu/university-policy-memorandums/>).

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. In the College of Arts and Sciences, dean's office approval is granted by the#associate dean for academic advising#or their designee. Students should refer questions to UNC Advising.

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 with UNC Advising 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 UNC Advising 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/wp-content/uploads/sites/261/2017/01/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/wp-content/uploads/sites/261/2017/04/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 (<https://registrar.unc.edu/term-cancellation/>) 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. Students may refer further questions to UNC Advising (if the student is in the College of Arts and Sciences) or to their respective 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 Digital and Lifelong Learning (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 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.

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 (<https://registrar.unc.edu/interinstitutional-programs-visiting-students/>), 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. In the College of Arts and Sciences, dean's office approval is granted by the associate dean for academic advising or their designee. Students should refer questions to UNC Advising.

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.

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 ineligible. 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.

Military Withdrawal

In compliance with the UNC System Regulation for Military Student Success (<https://www.northcarolina.edu/apps/policy/doc.php?id=852>), military-affiliated students who withdraw from the University for military service, also referred to as “called to duty”, receive a notation on the academic transcript for the term withdrawal and where appropriate a special use grade symbol of WM instead of W for enrolled courses. Students are verified by the Dean of Students or designee that they are required to withdraw from a course or courses due to military service. This applies to all military-affiliated students across all careers and programs who in extraordinary circumstances are “called to duty” and are not otherwise eligible to complete academic courses for the semester (e.g., Instructor approved IN).

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. 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.
- 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.
- 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.

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 (<https://registrar.unc.edu/order-an-enrollment-certification/>) is available online or by calling (919) 962-3954.

Student Code of Conduct

Purpose

The University of North Carolina at Chapel Hill is committed to fostering a community where intellectual honesty and personal integrity are highly valued; individuals are trusted, respected, and fairly treated; and there is consistent accountability for conduct that affects the safety and welfare of the University and its members. The Code embraces the ideals of academic honesty, personal integrity, and responsible citizenship.

For More Information

Visit the Student Code of Conduct website (<https://studentconduct.unc.edu/student-code-of-conduct-2/>) and the University's policy page on the Code (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=152440>).

****The Instrument of Student Judicial Governance is superseded by the Student Code of Conduct (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=152440>) and Student Conduct Procedures (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=152518>) effective August 16, 2024. Conduct occurring prior to this effective date will be referred through the Honor System and Honor Code process for resolution, as reflected under "Implementation and Effective Date" within the Student Conduct Procedures.****

Syllabi and Classroom Learning Environment

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/TDClient/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. 734) 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.

Undergraduate Syllabi

A syllabus defines the goals of a course and describes the classroom activities, readings, assignments, policies, schedule, and other important information. Instructors at Carolina should strive to develop syllabi that are both an effective map of the course's logistics and an invitation for students to actively engage in the learning process. For more information and resources for creating and managing syllabi, please visit the OUC syllabus guidelines (<https://curricula.unc.edu/syllabus-guidelines/>) webpage.

Information to Include on Syllabi

- Course information
- Target audience
- Instructor information
- Requisites (if any)
- Course description
- Goals/student learning outcomes (SLO)
- IDEAs in Action student learning outcomes and questions for students (p. 635)
- Course materials
- Assignment list with due dates

- Grading schema and scale
- Schedule/calendar
- Final exam/assessment
- UNC-Chapel Hill identifier
- Policies and services syllabi statements (below)

Policies and Services Syllabi Statements

The content below provides sample statements for a variety of required and recommended academic policies and student support statements. Instructors are encouraged to use these statements in their course syllabus.

Attendance Policy - *required* Information for Students (to be included on the syllabus):

University Policy: As stated in the University's Class Attendance Policy (<https://catalog.unc.edu/policies-procedures/attendance-grading-examination/#text>), 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: University Approved Absence Office (UAAO) (<https://uaao.unc.edu/>) website provides information and FAQs for students (<https://uaao.unc.edu/faqs-for-students/>) and FAQs for faculty (<https://uaao.unc.edu/faqs-for-faculty/>) related to University Approved Absences
2. Disability/religious observance/pregnancy/short-term military service, as required by law and approved by the Equal Opportunity and Compliance Office (<https://eoc.unc.edu/what-we-do/accommodations/>) (EOC), or in the case of short-term military service, the Dean of Students
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://gvsc.unc.edu/>), and/or the Equal Opportunity and Compliance Office (<https://eoc.unc.edu/what-we-do/accommodations/>) (EOC).

Additional Information for Instructors:

- Information about the University Class Attendance Policy is required on all syllabi.
- 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 assessment and assignments.
- *Source:* <http://catalog.unc.edu/policies-procedures/attendance-grading-examination/>
- *Updated and approved by the Educational Policy Committee, December 2024*

Code of Conduct - *required* Information for Students (to be included on the syllabus):

All students are expected to adhere to University policy and follow the guidelines of the UNC Code of Conduct. Additional information can be found at <https://studentconduct.unc.edu/>.

Additional Information for Instructors:

An Honor Code statement is required on all syllabi.

Instructors may select from one of the following examples or create their own. More information about Honor Code statements can be found at <https://studentconduct.unc.edu/instructors/honor-syllabus/>.

- I expect all students to follow the guidelines of the UNC Code of Conduct. In particular, students are expected to be aware of policies related to academic integrity. You can read more about the Code of Conduct at studentconduct.unc.edu (<https://studentconduct.unc.edu/>). In any course, including mine, what constitutes cheating can change from one activity to another. For example, collaboration may be encouraged for an assignment but qualify as cheating during an exam. Please see my guidelines for each activity, and if you are unsure, please ask me to clarify. In remote classes, there may be many temptations for using online exchange sites, such as Chegg. Note that these sites provide names of students who have used their materials, and they routinely cooperate with institutions around academic integrity issues. Please don't get caught up with Code of Conduct issues just because it appears to be simple and untraceable. It is not!
- All students are expected to adhere to University policy and follow the guidelines of the UNC Code of Conduct. Additional information can be found at <https://studentconduct.unc.edu/>.
- Students are bound by the Honor Pledge and University policy in completing academic coursework. Such policies are effective at all times, and the submission of work signifies understanding and acceptance of those requirements. Plagiarism will not be tolerated. Please consult with me if you have any questions about course requirements, academic misconduct, or the Student Code of Conduct. You can also find additional information at <https://studentconduct.unc.edu/>.
- The Carolina community shares responsibility to uphold intellectual honesty and personal integrity in support of an educational process and learning environment. If you have questions about your responsibility and expectations under the Student Code of Conduct, please bring them to your faculty, Student Conduct, or https://studentconduct.unc.edu (<https://studentconduct.unc.edu/>).
- As a condition of joining the Carolina community, Carolina students affirm an Honor pledge to hold themselves, as members of the Carolina community, to a high standard of academic and non-academic conduct while both on and off Carolina's campus. This commitment to academic integrity, ethical behavior, personal responsibility, and civil discourse is codified in University policy. Information related to policies for students can be found at <https://studentconduct.unc.edu/>.

Artificial Intelligence (AI) Use Policy – *required* (College units only) Information for Students (to be included on the syllabus):

Instructors should specify the details of AI Use Policies for the particular course, either by indicating that:

Use of generative AI tools of any kind is not permitted in this course. Any use of these tools will be considered an instance of academic dishonesty and will be referred to Student Conduct.

- or -

The following uses of generative AI tools are permitted in this course: Categories of possible permitted use include, but are not limited to: topic selection, brainstorming and idea generation, research, source validation, outlining and planning, drafting, media creation, peer review, revising and polishing.

Additional Information for Instructors:

- An AI Use Policy is required on all undergraduate syllabi in the College of Arts & Sciences.
- Instructors should specify details of AI Use Policies for the course, either by indicating that use of generative AI tools is or is not permitted in the course. Instructors may use the examples above or create their own.
- If use of AI tools is permitted in the course, instructors should review the Student Use Guidelines for Generative AI developed by the UNC Generative AI Committee, Generative AI Employee Resources (<https://ai.unc.edu/teaching/>), and additional resources from the Center for Faculty Excellence (<https://cfe.unc.edu/resource/teaching-and-generative-artificial-intelligence/>). Instructors should review and incorporate recommended language in their syllabus and adapt it as needed to fit their course. It is also recommended that instructors cover AI usage guidelines on the first day of class.
- Reviewed and approved by the College Generative AI Committee chair, December 2024

Syllabus Changes – *required* Information for Students (to be included on the syllabus):

The instructor reserves the right to make changes to the syllabus including project due dates and test dates. These changes will be announced as early as possible.

Additional Information for Instructors:

- A syllabus change statement is required on all syllabi.
- *Source: Faculty Council Resolution 2020-6*
- *Updated and approved by the Educational Policy Committee, March 2023.*

Acceptable Use Policy – *recommended* Information for Students (to be included on the syllabus):

By attending the University of North Carolina at Chapel Hill, you agree to abide by the University of North Carolina at Chapel Hill policies related to the acceptable use of IT systems and services. The Acceptable Use Policy (AUP) sets the expectation that you will use the University's technology resources responsibly, consistent with the University's mission. In the context of a class, it's quite likely you will participate in online activities that could include personal information about you or your peers, and the AUP addresses your obligations to protect the privacy of class participants. In addition, the AUP addresses matters of others' intellectual property, including copyright. These are only a couple of typical examples, so you should consult the full Information Technology Acceptable Use Policy (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131247>), which covers topics related to using digital resources, such as privacy, confidentiality and intellectual property.

Additionally, consult the Safe Computing at UNC (<https://safecomputing.unc.edu/>) website for information about data security policies, updates, and tips on keeping your identity, information, and devices safe.

Late Submissions – *recommended* Information for Instructors:

- Instructors should describe when submissions will be considered late, how many points will be deducted, etcetera. This information should be clearly explained in the course syllabus.
- Reviewed and approved by the College of Arts and Sciences, Arts and Sciences Information Services, December 2023.

Data Security and Privacy – recommended**Information for Students (to be included on the syllabus):**

UNC-Chapel Hill is committed to fulfilling its responsibilities of transparency as a state-sponsored institution of higher learning, protecting certain types of information, and using information Carolina collects only for appropriate purposes. Consult the UNC-Chapel Hill Privacy Statement (<https://www.unc.edu/about/privacy-statement/>) for additional information.

Additional Information for Instructors:

- The tools within the University's Learning Systems (i.e., Canvas), such as the Discussion Forum, Assignments, mailbox, Gradebook, and Tests & Quizzes tools are designed to share FERPA-protected information privately between instructors and individual students.

Grade Appeal Process – recommended**Information for Instructors:**

- A grade appeal process statement is recommended on all syllabi. Instructors may use the following example or create their own:

If you have any concerns with grading and/or feel you have been awarded an incorrect grade, please discuss it with me as soon as possible. If we cannot resolve the issue, you may talk to our director of undergraduate studies or department chair.

Equal Opportunity and Compliance - Accommodations – required Information for Students (to be included on the syllabus):

Equal Opportunity and Compliance Accommodations Team (Accommodations – UNC Equal Opportunity and Compliance) (<https://eoc.unc.edu/accommodations/>) receives requests for accommodations for disability, pregnancy and related conditions, and sincerely held religious beliefs and practices through the University's Policy on Accommodations. EOC Accommodations team determines eligibility and reasonable accommodations consistent with state and federal laws.

Additional Information for Instructors:

- Information about Equal Opportunity and Compliance (EOC) Accommodations is required on all syllabi.
- Faculty and instructors with questions about accommodations and/or their role in implementation are invited to reach out to EOC (ars@unc.edu) to discuss and/or to review the "Supporting Students with Accommodations" training in Carolina Talent.
- EOC has a limited Testing Center service for students approved for disability accommodations if instructors are unable to proctor. Flexibility in exam administration, including time and day, are required.
- Updated and approved by Equal Opportunity and Compliance, December 2024

Counseling and Psychological Services (CAPS) – required Information for Students (to be included on the syllabus):

UNC-Chapel Hill is strongly committed to addressing the mental health needs of a diverse student body. The Heels Care Network (<http://care.unc.edu/>) website is a place to access the many mental health resources at Carolina. CAPS is the primary mental health provider for students, offering timely access to consultation and connection to clinically appropriate services. Go to the CAPS website (<https://caps.unc.edu/>) or visit their facilities on the third floor of the Campus Health building for an initial evaluation to learn more. Students can also call CAPS 24/7 at 919-966-3658 for immediate assistance.

Additional Information for Instructors:

- Information about Counseling and Psychological Services (CAPS) is required on all syllabi.

- Source: Student Safety and Wellness Proposal for EPC, Sep 2018
- Reviewed and approved by Counseling and Psychological Services, December 2024

Title IX and Related Resources – required**Information for Students (to be included on the syllabus):**

Any student who is impacted by discrimination, harassment, interpersonal (relationship) violence, sexual violence, sexual exploitation, or stalking is encouraged to seek resources on campus or in the community. Reports can be made online to the EOC (<https://eoc.unc.edu/report-an-incident/>) or by contacting the University's Title IX Coordinator (%20titleixcoordinator@unc.edu), Elizabeth Hall, or the Report and Response Managers (reportandresponse@unc.edu) in the Equal Opportunity and Compliance Office. Please note that I am designated as a Responsible Employee, which means I must report to the EOC any information I receive about the forms of misconduct listed in this paragraph. If you'd like to speak with a confidential resource, those include Counseling and Psychological Services, the University's Ombuds Office, and the Gender Violence Services Coordinators (gvsc@unc.edu). Additional resources are available at safe.unc.edu (<https://safe.unc.edu/>).

Additional Information for Instructors:

- Information about Title IX Resources is required on all syllabi.
- Source: <https://eoc.unc.edu/our-policies/state-and-federal-laws/title-ix-and-vawa/>;
- Reviewed and approved by the Office of Equal Opportunity & Compliance, December 2024

Policy on Non-Discrimination – recommended**Information for Students (to be included on the syllabus):**

The University is committed to providing an inclusive and welcoming environment for all members of our community and to ensuring that educational and employment decisions are based on individuals' abilities and qualifications. Consistent with this principle and applicable laws, the University's Policy Statement on Non-Discrimination (<https://eoc.unc.edu/our-policies/policy-statement-on-non-discrimination/>) offers access to its educational programs and activities as well as employment terms and conditions without respect to race, color, gender, national origin, age, religion, sex, genetic information, disability, veteran's status, sexual orientation, gender identity or gender expression. Such a policy ensures that only relevant factors are considered, and that equitable and consistent standards of conduct and performance are applied.

If you are experiencing harassment or discrimination, you can seek assistance and file a report through the Report and Response Coordinators (email reportandresponse@unc.edu or see additional contact info at safe.unc.edu (<https://safe.unc.edu/>)) or the Equal Opportunity and Compliance Office (<https://eoc.unc.edu/report-an-incident/>). Please note that I am designated as a Responsible Employee, which means that I must report to the EOC any information I receive about harassment or discrimination. If you'd like to speak with a confidential resource, those include Counseling and Psychological Services and the University's Ombuds Office.

Additional Information for Instructors:

- Reviewed and approved by the Office of Equal Opportunity & Compliance, December 2024

Diversity Statement – recommended**Information for Instructors:**

A diversity statement is not required on syllabi, but if the instructor wishes to include one, they may use something comparable to the

example below or create their own. A recommended definition of diversity is: "all the ways in which individuals vary, including, but not limited to, backgrounds, beliefs, viewpoints, abilities, cultures, and traditions that distinguish one individual from another."

- I value the perspectives of individuals from all backgrounds reflecting the diversity of our students. I broadly define diversity to include race, gender identity, national origin, ethnicity, religion, social class, age, sexual orientation, political background, physical and learning ability and any other way in which individuals differ from one another. I strive to make this classroom an inclusive space for all students. Please let me know if there is anything I can do to improve. I appreciate any suggestions.

Undergraduate Testing Center – *recommended* **Information for Students (to be included on the syllabus):**

The College of Arts and Sciences provides a secure, proctored environment in which exams can be taken. The Center works with instructors to proctor exams for their undergraduate students who are not registered with ARS and who do not need testing accommodations as provided by ARS. In other words, the Center provides a proctored testing environment for students who are unable to take an exam at the normally scheduled time (with pre-arrangement by your instructor). For more information, visit the testing center website (<http://testingcenter.web.unc.edu/>).

Learning Center – *recommended* **Information for Students (to be included on the syllabus):**

Want to get the most out of this course or others this semester? Visit UNC's Learning Center (<http://learningcenter.unc.edu/>) to make an appointment or register for an event. Their free, popular programs will help you optimize your academic performance. Try academic coaching, peer tutoring, STEM support, ADHD/LD services, workshops and study camps, or review tips and tools available on the website.

Writing Center – *recommended* **Information for Students (to be included on the syllabus):**

For free feedback on any course writing projects, check out UNC's Writing Center. Writing Center coaches can assist with any writing project, including multimedia projects and application essays, at any stage of the writing process. You don't even need a draft to come visit. To schedule a 45-minute appointment, review quick tips, or request written feedback online, visit UNC's Writing Center online (<http://writingcenter.unc.edu/>).

Conferral of Degrees and Transcripts

Conferral of Degrees

The University of North Carolina at Chapel Hill confers degrees three times a year, each May, August, and December, to students who have completed all degree requirements. Students must apply to graduate on a degree award date through ConnectCarolina no later than the last day of classes of that term.

A degree cannot be awarded to a student who does not meet requirements by the conferral deadline, such as:

- Has any temporary grade on their academic record; this includes but is not limited to non-permanent grades: AB, IN, NG, NR, SP.
- Has pending credits to be approved and posted to their academic record (even if not required for graduation); this includes but is not limited to:

- Credit earned while studying abroad
- Transfer credit
- Interinstitutional credit
- Robertson Scholars credit
- UNC Online credit

Students with temporary grades or pending credits not resolved within 60 days of the degree award date must request a subsequent graduation. The degree is conferred following completion of requirements at a later date. A degree will not be awarded retroactively.

Adjustments may be made to a transcript only for one year following the date of graduation. For instance, grade appeals can be initiated after graduation. However, graduation with distinction or highest distinction is based only on the grade point average at the time that the degree is conferred. In such indications of a second major or minor can be added to the transcript within one year after the degree conferral date for students who neglected to declare a second major or a minor prior to graduation, provided that all requirements were completed at the time of graduation.

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 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 professional schools 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: After receiving a bachelor's degree a student may be admitted to and earn a second bachelor's degree from one of the health profession schools at the University. Under no circumstances can a second undergraduate degree be awarded after one has been earned in one of the health professions.

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.

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 of a posthumous degree or memorial degree of achievement are in UPM#13 Authorized Degrees, Major Fields in (<https://registrar.unc.edu/upm-13/>)E (<https://registrar.unc.edu/upm-13/>)ach Degree, and Assigned Code Numbers (<https://registrar.unc.edu/upm-13/>).

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.

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.

Tuition and Benefits

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/>).

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

The University of North Carolina Board of Governors adopted a system-wide policy (1000.2.1) that provides tuition waivers for certain family members of deceased or disabled emergency workers. 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/>).

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.

University Policies Regulations and Policies

The University of North Carolina at Chapel Hill ("University" or "UNC–Chapel Hill") has established regulations and policies to promote a safe and supportive learning environment. These regulations and policies cover a wide range of non-academic issues. They explain expectations for students and establish procedures for addressing situations covered by their terms.

Authority for Student Affairs, Conduct, and Discipline at UNC–Chapel Hill

Section 502D(3) (<https://www.northcarolina.edu/apps/policy/doc.php?type=pdf&id=57>) of the University of North Carolina Code establishes that, subject to policies or regulations of the Board of Governors or the

Board of Trustees, UNC–Chapel Hill's chancellor has full authority over student affairs and student conduct and discipline at the University. The chancellor may delegate this authority to faculty committees, administrators, or student government bodies as necessary. In fulfilling this responsibility, the chancellor must ensure that every student's right to due process is protected.

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/>).

Accommodations Policy

The University is committed to providing a welcoming environment for all members of our community. As part of this commitment, the University provides reasonable accommodations for disability, pregnancy, and related medical conditions, and sincerely-held religious beliefs and practices consistent with federal and state law.

This policy is grounded in the Americans with Disabilities Act of 1990, the Americans with Disabilities Amendments Act of 2008, Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, the PUMP for Nursing Mothers Act, the Pregnant Workers Fairness Act, and related state laws. Please see the full text of the Accommodations Policy (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131715>) 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 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. Please see the full text of the Accommodations Policy (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131715>) on the University's policy website (<https://policies.unc.edu/TDClient/2833/Portal/Home/>).

The University is committed to 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).

Alcoholic Beverages

Federal, state, and local laws and ordinances substantially regulate the possession and use of alcoholic beverages. Within this legal framework, the University's Alcohol Policy (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=132458>) explains the conditions under which alcoholic beverages may be used on University property.

Consistent with North Carolina law:

- No person under 21 may purchase or possess any alcoholic beverage. (N.C. 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. (N.C. General Statute 18B-302)
- No alcoholic beverages may be sold by any person, organization, or corporation on a college campus except as permitted by N.C. General Statute 18B-1006 (a).

By Chapel Hill ordinance 3-3 (https://library.municode.com/nc/chapel_hill/codes/code_of_ordinances/?nodeId=PTIICO_CH3ALBE_S3-3POOPCOMABEUNWISTSIMUPALOANREESBUNWISTO), 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.

The University's Alcohol Policy sets out specific requirements relating to the service or use of alcohol by students and student organizations or in connection with University-sponsored events. 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. The Student Conduct Procedures of the University of North Carolina at Chapel Hill describes the procedural rights, administrative processes, sanctions, and appeal process for students and student organizations accused of violating the University's Alcohol Policy. 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 and promote a drug-free campus. 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, are prohibited except as described in the Facilities Use Policy (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131343>).

Behavioral Threat Assessment

The Student Code of Conduct (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=152440>) and accompanying Student Conduct Procedures (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=152518>) regulate student discipline. The University must occasionally handle situations urgently when the behavior of students or applicants for admission poses some danger to the University and/or members of the University community. To address these situations and to fulfill the University's obligation to provide a safe campus, the University has adopted a Behavioral Threat Assessment Policy. Additional information may be found on the Dean of Students website (<https://dos.unc.edu/urgent-concerns/>). The full text of the Committee's policies and procedures is on the University's policy website (<https://policies.unc.edu/TDClient/2833/Portal/Home/>).

Equity in Athletics Disclosure Act

The Equity in Athletics Disclosure Act (<https://www.ed.gov/laws-and-policy/higher-education-laws-and-policy/policy-initiatives/equity-in-athletics-disclosure-act/>) is a federal law that requires universities and colleges to make available gender equity information about their athletic programs. Information compiled under the Equity in Athletics Disclosure Act is available on the U.S. Department of Education's Equity in Athletics Data Analysis (<https://ope.ed.gov/athletics/#/institution/search>) website.

Expulsion

Per UNC System Policy 700.4.3[G], a student 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.

Faculty-Led Off-Campus Domestic Academic Travel

Faculty members who want to have academic travel as part of their class must inform prospective students about the mandatory academic travel before course enrollment. For mandatory or optional travel, faculty must also give students an instructional agenda and itinerary two weeks (14 calendar days) before the academic travel including:

1. Time and location of the academic travel,
2. A detailed description of the activity, and
3. Any cost that is the student's responsibility.

Faculty are encouraged to provide enough detail in the description to help participants understand potential risks. Please refer to the Policy on Faculty-Led Off-Campus Domestic Academic Travel (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=150069>) for additional information. Please see the full text of the [Faculty-Led Off-Campus Domestic Academic Travel Policy](https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=150069) (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=150069>) on the University's policy website (<https://policies.unc.edu/TDClient/2833/Portal/Home/>).

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 is also a violation of the Student Code of Conduct.

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 according 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) on any University campus or in any University-owned or operated facility. Such conduct is also a violation of the Student Code of Conduct.

Housing and Residential Education

For policies and procedures related to living on campus, visit the Housing and Residential Education (<https://housing.unc.edu/important-information/housing-contract/>) website.

Immunization Requirement

All new and transfer students must submit documentation of immunizations (<https://campushealth.unc.edu/services/immunizations/>) required under N.C. General Statute 130A-155.1. Students previously enrolled at UNC–Chapel Hill are not required to resubmit immunization documentation.

Per N.C. General Statute 130A-155.1(a), students will be withdrawn from the University 30 calendar days after classes begin if immunization requirements have not been met.

Interpersonal Relationships among Faculty, Staff, and Students

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. Please see the full text of the [Nepotism and Interpersonal Relationships Policy](https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=153293) (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=153293>) on the University's policy website (<https://policies.unc.edu/TDClient/2833/Portal/Home/>).

Policy on Prohibited Discrimination, Harassment, and Related Misconduct

The University is committed to providing a welcoming environment for all members of our community. It 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 see the full text of the Policy on Prohibited Discrimination, Harassment and Related Misconduct (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=132487>) and the Policy Statement on Non-discrimination (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131717>) on the University's policy website (<https://policies.unc.edu/TDClient/2833/Portal/Home/>).

Gender-Inclusive Language Policy

The University is committed to providing a 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/TDClient/2833/Portal/KB/ArticleDet/?ID=132161>) on the University's policy website.

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/>)

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, diploma, and/or 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 \$35.

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 with their financial needs.

Detailed information on scholarships and student aid can be found on the Office of Scholarships and Student Aid (<https://studentaid.unc.edu/>) website. You are also welcome to email help@studentaid.unc.edu. We are here to help!

Applying for Financial Aid

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 (<https://cssprofile.collegeboard.org/>) (incoming first-degree seeking 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.

Aid is an annual process, so returning students should complete the FAFSA each year. The application is available beginning October 1 each year. 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 first degree-seeking 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 are generally released 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 can always 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 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 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. You can learn more about work-study opportunities for graduate students on 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) 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 help@studentaid.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.

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. If additional documentation is needed to complete your application for financial aid, the Office of Scholarships and Student Aid will notify you.

1999–2000 Graduate Record: PDF (<https://catalog.unc.edu/archives/1999-00-grad.pdf>)

1998–1999 Graduate Record: PDF (<https://catalog.unc.edu/archives/1998-99-grad.pdf>)

1997–1998 Graduate Record: PDF (<https://catalog.unc.edu/archives/1997-98-grad.pdf>)

For catalogs for years prior to 1997-98, contact the Office of the University Registrar (unccatalog@unc.edu); for archived catalogs for programs not included in the Academic Catalog, contact the school or program directly.

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