RADIOLOGIC SCIENCE, A.S. TO B.S.

This is a suggested course plan. It is highly recommended that you meet regularly with your academic advisor to determine your course selection and progress toward graduation.

Students who transfer to UNC under the Comprehensive Articulation Agreement (CAA) have all lower-level General Education requirements completed, but must complete these requirements through transfer or UNC coursework: Global Language (https://catalog.unc.edu/undergraduate/ideas-in-action/global-language/), Research and Discovery (https://catalog.unc.edu/undergraduate/ideas-in-action/research-discovery/), Lifetime Fitness (https://catalog.unc.edu/undergraduate/ideas-in-action/lifetime-fitness/), Communication Beyond Carolina (https://catalog.unc.edu/undergraduate/ideas-in-action/communication-beyond/), Campus Life Experience (https://catalog.unc.edu/undergraduate/ideas-in-action/campus-life-experience/), and, where applicable, Supplemental General Education. Students who do not transfer in under the CAA should work closely with their advisor to determine which requirements apply to them for the IDEAs in Action General Education curriculum (https://catalog.unc.edu/undergraduate/ideas-in-action/).

This catalog also includes a complete list of requirements for the Radiologic Science B.S. (https://catalog.unc.edu/undergraduate/programs-study/radiologic-science-major-bs/#requirementstext) degree. Admission (https://catalog.unc.edu/undergraduate/departments/division-radiologic-science/) to the program is required. 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.

North Carolina Community College

UGETC Curriculum

Code	Title	Hours
UGETC	English composition (ENG 111 + ENG 112 = UNC ENGL 105)	6
COM 231	Public Speaking (UNC COMM 113) [7]	3
UGETC	Humanities/Fine Arts/Communication (1 course from a discipline other than Communication; see UGETC list below)	3
UGETC	Social and Behavioral Sciences (2 courses from at least 2 different disciplines; see UGETC list below)	6
MAT 172 OR	Pre-calculus Trigonometry (UNC MATH 130) OR	4
MAT 271	Calculus I (UNC MATH 231 + MATH 129P + MATH 110P) [1, 3]	
MAT 151 OR	Statistics I (UNC STOR 151) OR	4
MAT 152	Statistical Methods I (UNC STOR 155) [4]	
BIO 111	General Biology I (UNC BIOL 101/101L + BIOL 103) [1, 3]	4
CHM 151	General Chemistry I (UNC CHEM 101/101L) [1, 3]	4
Total Hours		**34**

Additional General Education Courses

Code	Title	Hours
XXX 111	Foreign Language Level 1	3
XXX 112	Foreign Language Level 2	3
XXX 211	Foreign Language Level 3 [5]	3
PHY 151	College Physics I (UNC PHYS 114) [1, 3]	4
Total Hours		**13**

Other Required Hours

Code	Title	Hours
ACA 122	College Transfer Success (UNC GENR ---)	1
PHY 152	College Physics II (UNC PHYS 115) [1, 3]	4
PSY 150	General Psychology (UNC PSYC 101) [1, 3]	3
BIO 168 & BIO 169	Anatomy and Physiology I&II (UNC BIOL 252/252L + BIOL 253/253L) [1, 3, 6]	8
Total Hours		**16**

Code	Title	Hours
Total Community College Hours		**63**

1 Required in the major.
2 Counts in the major.
3 Prerequisite for the major.
4 STOR 151 or STOR 155 is a recommended but not required prerequisite for the major.
5 All NC Community College Language courses numbered 211 are approved to transfer to UNC–Chapel Hill as a course that completes the GLBL-LANG IDEAs in Action requirement.
6 BIO 168 and BIO 169 taken together are awarded BIOL 252, BIOL 252L, BIOL 253, and BIOL 253L at UNC. Either course taken alone would be awarded BIOL 290 and BIOL 290L.
BIOL 252 and BIOL 252L are prerequisites for the major.
7 IDEAs In Action Requirements: COMM 113 fulfills COMMBEYOND

UNC–Chapel Hill

Summer Session II Prior to Semester 5

Code	Title	Hours
RADI 440	Gross Anatomy for Health Sciences [1]	3
RADI 442	Introduction to Radiologic Science [1]	3
Total Hours		**6**

Semester 5 (Fall)

Code	Title	Hours
RADI 461	Radiography I [1]	4
or RADI 466	Abdominal Sonography	
RADI 462	Radiographic Imaging I [1]	4
or RADI 467	Ultrasound Principles and Instrumentation	
RADI 463	Clinical Education I [1]	4
RADI 660	Pathophysiology [1]	3
Total Hours		**15**

Semester 6 (Spring)

Code	Title	Hours
RADI 471	Radiography II [1]	3
or RADI 474	Obstetrics and Gynecology Sonography	
RADI 472	Radiographic Imaging II [1]	4
or RADI 478	Sonographic Imaging I	
RADI 473	Clinical Education II [1]	4

RADI 670	Integrated Principles of Imaging Analysis [1]	4
Total Hours		**15**

Summer Sessions II Prior to Semester 7

Code	Title	Hours
RADI 574	Clinical Education III [1]	3
RADI 575	Clinical Education IV [1]	5
Total Hours		**8**

Semester 7 (Fall)

Code	Title	Hours
RADI 583	Clinical Education V [1]	4
RADI 585	Radiologic Health Physics [1]	3
or RADI 479	Advanced Imaging in Sonography II	
RADI 586	Research in Radiologic Science I [1]	1
RADI 594	Professional Communications and Interactions [1]	3
RADI 694	Clinical Decisions in Radiology [1]	3
Total Hours		**14**

Semester 8 (Spring)

Code	Title	Hours
RADI 584	Clinical Education VI [1]	6
RADI 597	Leadership in Radiologic Science [1]	3
RADI 681	Trends in Medical Imaging Practices Issues in the Radiology Practice Environment [1]	3
RADI 686	Research in Radiologic Science II [1]	2
Total Hours		**14**

[1] Required in the major.

UGETC Course List (A.S. Curriculum)

Code	Title	Hours
English Composition (two courses)		**6**
ENG 111	Writing & Inquiry [1]	
ENG 112	Writing/Research in the Disciplines [1]	
Humanities/Fine Arts (two courses from at least two different disciplines)		**6**
ART 111	Art Appreciation (UNC GENR 111)	
ART 114	Art History Survey I (UNC ARTH 151)	
ART 115	Art History Survey II (UNC ARTH 152)	
COM 120	Introduction to Interpersonal Communication (UNC COMM 120), OR	
COM 231	Public Speaking (UNC COMM 113)	
DRA 111	Theatre Appreciation (UNC DRAM 116)	
ENG 231	American Literature I (UNC ENGL 128) [2]	
ENG 232	American Literature II (UNC ENGL 128) [2]	
ENG 241	British Literature I (UNC ENGL 120) [2]	
ENG 242	British Literature II (UNC ENGL 121) [2]	
MUS 110	Music Appreciation (UNC MUSC 141)	
MUS 112	Introduction to Jazz (UNC MUSC 145)	
PHI 215	Philosophical Issues (UNC PHIL 101) [2]	
PHI 240	Introduction to Ethics (UNC PHIL 160) [2]	
Social/Behavioral Science (two coures from at least two different disciplines)		**6**
ECO 251	Principles of Microeconomics (UNC GENR 119) [3]	
ECO 252	Principles of Microeconomics (UNC GENR 119) [3]	
HIS 111	World Civilizations I (UNC GENR 113)	
HIS 112	World Civilizations II (UNC GENR 113)	
HIS 131	American History I (UNC HIST 127)	
HIS 132	American History II (UNC HIST 128)	
POL 120	American Government (UNC POLI 100)	
PSY 150	General Psychology (UNC PSYC 101)	
SOC 210	Introduction to Sociology (UNC SOCI 101)	
Mathematics (select two courses)		**8**
MAT 171	Precalculus Algebra (UNC MATH 110P)	
MAT 172	Pre-calculus Trigonometry (UNC MATH 130 + MATH 110P)	
MAT 263	Brief Calculus (UNC MATH 152 + MATH 110P)	
MAT 271	Calculus I (UNC MATH 231 + MATH 129P + MATH 110P)	
MAT 272	Calculus II (UNC MATH 232 + MATH 110P)	
Natural Sciences (select 8 SCH from the following courses):		**8**
AST 151/151A	General Astronomy I and Lab (UNC ASTR 101/100L)	
BIO 110	Principles of Biology (UNC GENR 116)	
BIO 111 & 112	General Biology I & II (UNC BIOL 101/101L + BIOL 103 + BIOL 104)	
CHM 151 & 152	General Chemistry I & II (UNC CHEM 101/101L +CHEM 102/102L)	
GEL 111	Introduction Geology (UNC EMES 101/101L)	
PHY 110/110A	Conceptual Physics and Lab (UNC PHYS 101)	
PHYS 151 & 152	College Physics I & II (UNC PHYS 114 + PHYS 115)	
PHYS 251 & 252	General Physics I & II (UNC PHYS 118 + PHYS 119)	
Total Hours		**34**

IDEAs In Action Requirements not covered by the North Carolina Comprehensive Articulation Agreement that could be completed at the Community College:

COM 231 (UNC COMM 113) can fulfill COMMBEYOND; COM 120 (UNC COMM 120), CHM 251[2] (UNC CHEM 261 + CHEM 262L) or CHM 252[2] (UNC CHEM 262 + CHEM 262L) can fulfill RESEARCH, and PED 110 (LFIT 998) can fulfill LIFE-FIT.

[1] Students who complete both ENG 111 and 112 receive credit for UNC ENGL 100 + ENGL 105.

[2] Course may have prerequisite(s). Consult the North Carolina Community College Combined Course Library (https://www.nccommunitycolleges.edu/academic-programs/combined-course-library/) for most current information.

[3] ECO 251 + 252 = UNC ECON 101 + UNC GENR 119.

Additional Resources

Applying to Carolina

- The Office of Undergraduate Admissions (https://admissions.unc.edu/apply/types-of-applications/transfer/) provides information about the application process for transfer students.

Advising and Community College Course Selection

- For UGETC, Pre-Major, Elective, or GEC course options, please refer to the Comprehensive Articulation Agreement transfer course list

(https://www.nccommunitycolleges.edu/academic-programs/college-transferarticulation-agreements/comprehensive-articulation-agreement-caa/).

- Students should work with their community college academic advisor to ensure appropriate course selection for AA/AS degree completion.

Additional Resources

- To find out how your N.C. community college coursework will transfer to UNC, please view the transfer credit list (https://tes.collegesource.com/publicview/TES_publicview01.aspx?rid=ff81c5a2-3ec7-4b31-a7fb-04e2fd5f0345&aid=ca8ebc64-42ca-4a2d-b16b-f8f68bbb6767) for your community college campus.