



Program of Study

Degree Requirements (128 hours)

1. Carolina Core (34-46 hours)

- a. **CMW** (6 hours): any approved CC-CMW course –*must be passed with a grade of C or higher*
- b. **ARP** (8 hours) –*must be passed with a grade of C or higher*
 - i. MATH 141
 - ii. MATH 142
- c. **SCI** (8 hours)
 - i. PHYS 211
 - ii. PHYS 211L
 - iii. PHYS 212
 - iv. PHYS 212L
- d. **GFL** (0-6 hours): Demonstration of proficiency in one foreign language equivalent to the minimal passing grade on the exit examination in the 122 course is required for all baccalaureate degrees. Students can demonstrate this proficiency by successfully completing Phase II of the Proficiency Test or by successfully completing the 122 course, including the exit exam administered as part of that course.
It is strongly recommended that students continuing the study of a foreign language begin college-level study of that language in their first semester and continue in that language until their particular foreign language requirement is completed.
- e. **GHS** (3 hours): any approved CC-GHS course
- f. **GSS** (3 hours): any approved CC-GSS course
- g. **AIU** (3 hours): any approved CC-AIU course

Carolina Core Stand Alone or Overlay Eligible Requirements:

Up to two of these requirements may be met in overlay courses. At least one of these requirements must be satisfied by a course not applied elsewhere in general education. (3-9 Hours)

- h. **CMS** (3 hours): any approved overlay or stand-alone CC-CMS course
- i. **INF** (0-3 hours): any approved overlay or stand-alone CC-INF course
- j. **VSR** (0-3 hours): any approved overlay or stand-alone CC-VSR course

2. College Requirements (15-18 hours)

- a. **Foreign language course** (0-3 hours) –*only if needed to meet 122-level proficiency*
- b. **Analytical Reasoning** (6 hours)
 - i. STAT 509 *or* STAT 515
 - ii. CSCE 206 *or* CSCE 207
- c. **History** (3 hours): The College of Arts and Sciences requires one U.S. History and one non-U.S. History course, both of which must be chosen from the approved Carolina Core GHS courses. Whichever is not fulfilled through the Carolina Core GHS requirement must be fulfilled through this college requirement.
- d. **Social Science** (3 hours)
- e. **Fine Arts or Humanities** (3 hours)

3. **Program Requirements (30-45 hours)**

- a. **Cognate** (13-14 hours)
 - i. MATH 241
 - ii. MATH 242
 - iii. MATH 344
 - iv. MATH 344L
 - v. Choose from MATH 520-522, 524-527, 550 *or* 552
- b. **Supporting Courses** (12 hours)
 - i. GEOL 101 *or* 103 *or* 201
 - ii. CHEM 111
 - iii. CHEM 111L
 - iv. CHEM 112
 - v. CHEM 112L
- c. **Electives** (4-20 hours): No courses of a remedial, developmental, skill-acquiring, or vocational nature may apply as credit toward degrees in the College of Arts and Sciences. The College of Arts and Sciences allows the use of the Pass-Fail option on elective courses. Further clarification on inapplicable courses can be obtained from the College of Arts and Sciences.

Note: No electives will be needed to reach hours to graduate if completing the Degree with Distinction.

4. **Major Requirements (34 hours)** –*a minimum grade of C is required in all major courses*

- a. **Major Courses** (34 hours)
 - i. GEOL 302
 - ii. Select one of:
 - GEOL 315
 - GEOL 325
 - GEOL 345
 - iii. GEOL 355
 - iv. GEOL 531
 - v. GEOL 554
 - vi. GEOL 555
 - vii. GEOL 556
 - viii. GEOL 575
 - ix. GEOL 582
 - x. GEOL 548*

*Note: An approved field course may substitute as the Capstone Experience.

Degree with Distinction in Geophysics

Available to students majoring in Geophysics who wish to participate in significant research activities in their major field under the supervision of a faculty mentor.

Requirements

- a. A minimum GPA of 3.5 in the major and 3.3 overall.
- b. A written sponsorship agreement from the faculty mentor on file in the department.
- c. Public presentation of the Senior Thesis research accompanied by a written document approved by the faculty mentor and a second reader that follows the guidelines of the School of the Earth, Ocean and Environment.
- d. 2 courses (6 hours) in addition to the general major requirements, including:
 - i. GEOL 498 *or* GEOL 499
 - ii. GEOL 699