



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. BIOL 101/101L or MSCI 101 (*Note: must take either both BIOL or both MSCI)
 - ii. BIOL 102/102L or MSCI 102
- 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)
 - i. POLI 201
- 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 515 (or equivalent) or higher –*must be passed with a grade of C or higher*
 - ii. CSCE 102 (or equivalent) or higher –*must be passed with a grade of C or higher*
- 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) Select one of the following:
 - i. ECON 221
 - ii. ECON 223
 - iii. ECON 224
- e. **Fine Arts or Humanities** (3 hours)

3. **Program Requirements (28-45 hours)**

a. **Supporting Courses (27 hours)**

- i. GEOL 101 *or* 201 *or* GEOG 201
- ii. CHEM 111
- iii. CHEM 111L
- iv. CHEM 112
- v. CHEM 112L
- vi. PHYS 201 and PHYS 201L *or* PHYS 211 and PHYS 211L
- vii. Select one of the following:
 1. ENVR 548
 2. POLI 477
 3. POLI 478
- viii. ENVR 201 *—must be passed with a grade of C or higher*
- ix. ENVR 202 *—must be passed with a grade of C or higher*

b. **Electives (1-18 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.

4. **Major Requirements (34-36 hours) —a minimum grade of C is required in all major courses**

a. **Major Courses (7 hours)**

- i. ENVR 590
- ii. BIOL 301
- iii. BIOL 301L

b. **Major Electives (27-29 hours)**

- i. Select 3 of the following 4 courses (10-11 hours)
 1. GEOL 315
 2. GEOG 202
 3. ECIV 350
 4. ENHS 660
- ii. Selected Courses with Advisor Approval (17-18 hours): Students, in consultation with their assigned advisor, must develop a program of study, which either provides a broad set environmental science courses or allows students to focus in a defined area. Given the current course offerings and faculty expertise at the University, if a student wanted to focus their elective course work, possible areas include: Natural Systems, Climate and Weather, Water Resources, Energy, or 2 courses taken at the 500 level, no more than 3 should be from a single discipline and no more than one Research Methods course. Courses acceptable for major credit:
 1. From the Environment & Sustainability Program:
 - ENVR 321
 - ENVR 490
 - ENVR 499
 - ENVR 500
 - ENVR 501
 - ENVR 572
 2. From the Life Sciences:
 - BIOL 302
 - BIOL 420
 - BIOL 420L
 - BIOL 460
 - BIOL 541
 - BIOL 541L
 - BIOL 549
 - BIOL 570
 - BIOL 570L

- BIOL 640
 - BIOL 671
 - Other BIOL courses may be selected as approved by student's advisor
 - CHEM 321
 - CHEM 321L
 - CHEM 333
 - CHEM 333L
 - CHEM 334
 - CHEM 334L
 - CHEM 623
 - CHEM 624
3. From the Earth and Marine Sciences
- GEOL 320
 - GEOL 305
 - GEOL 315
 - GEOL 335
 - GEOL 371
 - GEOL 524
 - GEOL 548
 - GEOL 557
 - GEOL 560
 - GEOL 570
 - GEOL 571
 - GEOL 575
 - GEOL 575
 - GEOL 581
 - Other GEOL courses may be selected as approved by student's advisor
 - MSCI 305
 - MSCI 311
 - MSCI 313
 - MSCI 450
 - MSCI 521
 - MSCI 552
 - MSCI 566
 - MSCI 575
 - MSCI 575
 - MSCI 579
 - MSCI 582
4. From the Geographical Sciences:
- GEOG 202
 - GEOG 343
 - GEOG 346
 - GEOG 347
 - GEOG 348
 - GEOG 349
 - GEOG 360
 - GEOG 363
 - GEOG 365
 - GEOG 371
 - GEOG 530
 - GEOG 545
 - GEOG 546

- GEOG 547
 - GEOG 549
 - GEOG 551
 - GEOG 554
 - GEOG 562
 - GEOG 563
 - GEOG 564
 - GEOG 567
 - GEOG 568
 - GEOG 569
 - GEOG 570
 - GEOG 571
 - GEOG 573
 - Other GEOG courses may be selected as approved by the student's advisor
5. From Mathematics, Statistics, and Engineering:
- CSCE 206
 - CSCE 567
 - ECHE 300
 - ECHE 310
 - ECHE 311
 - ECHE 567
 - ECHE 589
 - ECIV 350
 - ECIV 350L
 - ECIV 362
 - ECIV 405
 - ECIV 551
 - ECIV 555
 - ECIV 556
 - ECIV 557
 - ECIV 558
 - ECIV 560
 - ECIV 562
 - ECIV 563
 - ECIV 570
 - EMCH 290
 - EMCH 529
 - EMCH 553
 - EMCH 592
 - EMCH 594
 - EMCH 597
 - ENCP 290
 - ENCP 540
 - MATH 241
 - MATH 242
 - MATH 523
 - STAT 516
 - STAT 518
 - STAT 520
 - STAT 528
 - STAT 540
6. From the Health Sciences:

- ENHS 321
 - ENHS 660
 - ENHS 665
 - ENHS 670
7. Research Methods Courses: Not required, but if selected, only one of these three may be taken for credit towards the major.
- CSCE 145
 - EMCH 111
 - ECIV 111