



This course plan is a recommended sequence for this major. Courses designated as critical (!) may have a deadline for completion and/or affect time to graduation. Please see the Program Notes section for details regarding “critical courses” for this particular Program of Study.

Critical	Course Subject and Title	Credit Hours	Min. Grade <sup>1</sup>	Major GPA <sup>2</sup>	Code	Prerequisites	Notes
<b>Semester One (13-14 Credit Hours)</b>							
!	ENGL 101 Critical Reading and Composition	3	C		CC-CMW		
	BIOL 101 & 101L – Biological Principles I <i>or</i> MSCI 101 The Ocean Environment	4			CC-SCI		
	GEOL 101 Introduction to the Earth <i>or</i> GEOL 201 Observing the Earth ( <i>fall only</i> ) <i>or</i> GEOG 201 Landform Geography	3-4			PR		
	UNIV 101 The Student in the University <i>or</i> Carolina Core Requirement <sup>3</sup>	3			PR/CC		
<b>Semester Two (17 Credit Hours)</b>							
!	ENGL 102 Rhetoric and Composition	3	C		CC-CMW/ CC-INF	C or better in ENGL 101	
	MATH 141 Calculus I <sup>4</sup>	4	C		CC-ARP	MATH 115 <i>or</i> Math placement test score	
	BIOL 102 & 102L – Biological Principles II <i>or</i> MSCI 102 The Living Ocean	4			CC-SCI	BIOL 101 & 101L ( <i>BIOL 102 &amp; 102L</i> )	
	POLI 201 American National Government	3			CC-GSS/ VSR		
	Foreign language <sup>5</sup> <i>or</i> other Carolina Core Requirement <sup>3</sup>	3			CC-GFL		
<b>Semester Three (18 Credit Hours)</b>							
	MATH 142 Calculus II	4	C		CC-ARP	MATH 141	
	ENVR 201 Environmental Science & Policy I ( <i>fall only</i> )	4	C		PR/CC- INT	Sophomore Standing	
	CHEM 111 & 111L – General Chemistry I Carolina Core Requirement <sup>3</sup>	4 3			PR CC	MATH 115 <i>or</i> Math placement test score	
	Foreign language <sup>5</sup> <i>or</i> other Carolina Core Requirement <sup>3</sup>	3			CC-GFL		
<b>Semester Four (17 Credit Hours)</b>							
	ENVR 202 Envir. Science and Policy II ( <i>spring only</i> )	4	C		PR/CC- INT	Sophomore Standing & ENVR 201	
	CHEM 112 & 112L – General Chemistry II	4			PR	CHEM 111 <i>or</i> 141 <i>and</i> MATH 111, 115 <i>or</i> higher math; Prereq <i>or</i> Coreq: MATH 122, 141 <i>or</i> higher math	
	ECON 221 Principles of Microeconomics <i>or</i> ECON 223 Introduction to Economics <i>or</i> ECON 224 Introduction to Economics	3			CR		
	History <sup>6</sup>	3			CR		
	Foreign language <sup>5</sup> <i>or</i> Carolina Core Requirement <sup>3</sup>	3			CR/CC		
<b>Semester Five (17-18 Credit Hours)</b>							
	BIOL 301 & 301L Ecology & Evolution	4	C		MR	BIOL 102/MSCI 102 <i>or</i> MSCI 311	
	ENVR 548 Environmental Economics <i>or</i> POLI 477 Green Politics <i>or</i> POLI 478 Environmental Policy	3			PR	ECON 221 & 222 <i>or</i> ECON 224 ( <i>ENVR 548</i> )	
	PHYS 201 & 201L – General Physics I <i>or</i> PHYS 211 & 211L – Essentials of Physics I	4			PR	C or better in MATH 111/111i/112/ 115/116/122/141 <i>or</i> higher ( <i>PHYS 201</i> ); MATH 141 ( <i>PHYS 211</i> )	
	Environmental Science Major Course <sup>8</sup> Carolina Core Requirement <sup>3</sup> <i>or</i> Approved Elective <sup>7</sup>	3-4 3	C		MR CC/PR		
<b>Semester Six (15-17 Credit Hours)</b>							
	Environmental Science Major Course <sup>8</sup>	3-4	C		MR		
	Environmental Science Major Course <sup>8</sup>	3-4	C		MR		
	CSC 102 General Applications Programming	3	C		CR		
	STAT 515 Statistical Methods I	3	C		CR	MATH 141 <i>or</i> MATH 115 & any stat. class	
	Carolina Core Requirement <sup>3</sup> <i>or</i> Approved Elective <sup>7</sup>	3			CC/PR		
<b>Semester Seven (15-18 Credit Hours)</b>							
	Environmental Science Major Course <sup>8</sup>	3-4	C		MR		
	Environmental Science Major Course <sup>8</sup>	3-4	C		MR		
	Environmental Science Major Course <sup>8</sup>	3-4	C		MR		
	Ethics Course: ENVR 322 <i>or</i> PHIL 312, 320-325, 360, 514, <i>or</i> 550	3			CR		
	Approved Elective <sup>7</sup>	3			PR		

Semester Eight (12-17 Credit Hours)							
	ENVR 590 Environmental Issues Seminar	3	C		MR		BIOL 301
	Environmental Science Major Course <sup>8</sup>	3-4	C		MR		
	Environmental Science Major Course <sup>8</sup>	3-4	C		MR		
	Approved Elective <sup>7</sup>	3			PR		
	Approved Elective <sup>7</sup> ( <i>only if needed to meet hours to graduate</i> )	3			PR		

### Graduation Requirements Summary

Minimum Total Hours	Minimum Major Requirements Hours	College & Program Requirements Hours	Carolina Core Hours	Minimum Institutional GPA
128	34	50-62	34-46	2.000

- Regardless of individual course grades, students must maintain a minimum 2.000 cumulative GPA.
- Some colleges require a minimum GPA for major courses. Courses indicated in this column are included in the major GPA for this program of study.
- The [Carolina Core](#) provides the common core of knowledge, skill and academic experience for all Carolina undergraduate students.
- Students who place into MATH 115 will be required to successfully complete the corresponding prerequisite before taking MATH 141. MATH 115 may be used as an approved elective. Students who start with MATH 115 should take History in semester one & use the following sequence for semesters 2-4:

Semester Two	Semester Three	Semester Four
ENGL 102	MATH 141	MATH 142
BIOL 102 & 102L <i>or</i> MSCI 102	CHEM 111 & 111L	ENVR 202
MATH 115	ENVR 201 ( <i>fall only</i> )	CHEM 112 & 112L
POLI 201	Carolina Core Requirement	ECON 221 <i>or</i> 223 <i>or</i> 224
Foreign Language <i>or</i> other Carolina Core Req.	Foreign language <i>or</i> Carolina Core Req.	Foreign Language <i>or</i> other Carolina Core Req.

- Students in the College of Arts and Sciences are required to demonstrate proficiency in one foreign language equivalent to the 122 course through course credit or the corresponding foreign language placement score.
- 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.
- 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.
- Environmental Science Major Courses (27-29 hours)
  - | Select 3 of 4 (10-11 hours):   |   |
|--|---|
| GEOG 315 – Surface & Near Surface Processes (4) ( <i>spring only</i> ) | ECIV 350 – Intro. to Environmental Engineering (3)      |
| GEOG 202 – Weather & Climate (4)                                       | ENHS 660 – Concepts of Environmental Health Science (3) |

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Select 3 of 4 (10-11 hours):	
GEOG 315 – Surface & Near Surface Processes (4) ( <i>spring only</i> )	ECIV 350 – Intro. to Environmental Engineering (3)
GEOG 202 – Weather & Climate (4)	ENHS 660 – Concepts of Environmental Health Science (3)

- Selected Courses with Advisor Approval (17-18 hours):** Students, in consultation with their advisor, will develop a program of study which either provides a broad set of environmental science courses or allows students to focus in a defined area. Given the current course offerings and faculty 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 Humans and the Environment. All students' elective courses should include at least 2 courses taken at the 400 level. All courses may be selected from ENVR designator classes, but if not ENVR classes, then no more than 3 should be from a single discipline and no more than one Research Methods course. For a list of acceptable major course electives, please visit the Bulletin.

### Program Notes:

- Courses identified as "critical" must be completed in the student's first 60 semester hours of work in order for these courses to be credited toward graduation.
- Environmental Science majors may enroll in a major course a maximum of twice to earn the required grade of C or higher. For the purposes of progression, withdrawal with a W does not constitute enrollment.
- The last 30 credit hours toward your degree must be earned in residence at the University of South Carolina-Columbia.

**University Requirements:** Bachelor's degree-seeking students must meet Carolina Core (general education) requirements. For more information regarding these requirements, please visit the [Carolina Core](#) page on the University website.

Codes:			
CC	Carolina Core	CC-INF	Carolina Core – Information Literacy
CC-AIU	Carolina Core-Aesthetic and Interpretive Understanding	CC-INT	Carolina Core – Integrative Course
CC-ARP	Carolina Core-Analytical Reasoning and Problem-Solving	CC-SCI	Carolina Core – Scientific Literacy
CC-CMS	Carolina Core-Effective, Engaged, and Persuasive Communication: Spoken Component	CC-VSR	Carolina Core – Values, Ethics, and Social Responsibility
CC-CMW	Effective, Engaged, and Persuasive Communication: Written Component	CR	College Requirement
CC-GFL	Carolina Core-Global Citizenship and Multicultural Understanding: Foreign Language	MR	Major Requirement
CC-GHS	Carolina Core – Historical Thinking	PR	Program Requirement
CC-GSS	Carolina Core – Social Sciences		

Disclaimer: Major maps are only a suggested or recommended sequence of courses required in a program of study. Please contact your academic advisor for assistance in the application of specific coursework to a program of study and course selection and planning for upcoming semesters.