

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 (15-17 Credit Hours)</b>							
!	ENGL 101 Critical Reading and Composition	3	C		CC-CMW		
	MATH 122 Calculus for Bus. Admin. & Soc. Sciences or MATH 141 Calculus 1 <sup>3</sup>	3-4			CC-ARP	MATH 111/1111/115 (MATH 122); MATH 115 (MATH 141); or Math placement test score	
	Foreign language <sup>4</sup> or other Carolina Core Requirement <sup>5</sup>	3-4			CC-GFL		
	Carolina Core Requirement <sup>5</sup>	3			CC		
	UNIV 101 The Student in the University or Carolina Core Requirement <sup>5</sup>	3			PR/CC		
<b>Semester Two (15-16 Credit Hours)</b>							
!	ENGL 102 Rhetoric and Composition	3	C		CC-CMW CC-INF	C or better in ENGL 101	
	MATH 142 Calculus II or MATH 170 Finite Mathematics or MATH 172 Math. Modeling for the Life Sciences	3-4			CC-ARP	MATH 141 (MATH 142); MATH 111/1111 or Math placement test (MATH 170); MATH 122 or 141 (MATH 172)	
	STAT 201 Elementary Statistics	3			CR	MATH 111 or higher or STAT 110	
	Foreign language <sup>4</sup> or other Carolina Core Requirement <sup>5</sup>	3			CC-GFL		
	Carolina Core Requirement <sup>5</sup>	3			CC		
<b>Semester Three (15-16 Credit Hours)</b>							
	Choose 1 of the following: GEOG 103 Introduction to Geography (CC-GSS) GEOG 104 Introduction to Physical Geog. (CC-SCI) GEOG 105 The Digital Earth (CC-ARP) GEOG 121 Globalization & World Regions (CC-GSS) GEOG 201 Landform Geog. (CC-SCI) -recommended GEOG 202 Weather & Climate (CC-SCI) -recommended GEOG 210 People, Places, & Envr. (CC-GSS)	3-4	C		CC		
	CSCE 102 General Applications Programming	3			CR		
	Foreign language <sup>4</sup> or Carolina Core Requirement <sup>5</sup>	3			CR/CC		
	Carolina Core Requirement <sup>5</sup>	3			CC		
	History <sup>6</sup>	3			CR		
<b>Semester Four (15-16 Credit Hours)</b>							
	GEOG 341 Cartography or GEOG 345 Interpretation of Aerial Photographs or GEOG 363 Geographic Information Systems or GEOG 551 Principles of Remote Sensing	3	C		MR		
	Cognate or Minor Course <sup>7</sup>	3	C		PR		
	Humanities or Fine Arts	3			CR		
	Social Science	3			CR		
	Carolina Core Requirement <sup>5</sup> or Approved Elective <sup>8</sup>	3-4			CC/PR		
<b>Semester Five (15-16 Credit Hours)</b>							
	GEOG Elective <sup>9</sup>	3	C		MR	See Bulletin listing.	
	GEOG Elective <sup>9</sup>	3	C		MR	See Bulletin listing.	
	Cognate or Minor Course <sup>7</sup>	3	C		PR		
	Cognate or Minor Course <sup>7</sup>	3	C		PR		
	Carolina Core Requirement <sup>5</sup> or Approved Elective <sup>8</sup>	3-4			CC/PR		
<b>Semester Six (15 Credit Hours)</b>							
	GEOG Elective <sup>9</sup> (500-level or above)	3	C		MR	See Bulletin listing.	
	GEOG Elective <sup>9</sup>	3	C		MR	See Bulletin listing.	
	Cognate or Minor Course <sup>7</sup>	3	C		PR		
	Approved Elective <sup>8</sup>	3			PR		
	Approved Elective <sup>8</sup>	3			PR		
<b>Semester Seven (15 Credit Hours)</b>							
	GEOG 495 Seminar in Geography	3	C		MR CC-INT	At least 15 hrs. GEOG credit	
	Minor Course <sup>7</sup> or Approved Elective <sup>8</sup>	3	C (minor)		PR		
	Approved Elective <sup>8</sup>	3			PR		
	Approved Elective <sup>8</sup>	3			PR		
	Approved Elective <sup>8</sup>	3			PR		

Semester Eight (13 Credit Hours)							
	GEOG Elective <sup>9</sup> (500-level or above)	3	C		MR	See Bulletin listing.	
	GEOG Elective <sup>9</sup>	3	C		MR	See Bulletin listing.	
	Minor Course <sup>7</sup> or Approved Elective <sup>8</sup>	3	C (minor)		PR		
	Approved Elective <sup>8</sup>	3			PR		
	Approved Elective <sup>8</sup>	1			PR		

### Graduation Requirements Summary

Minimum Total Hours	Minimum Major Requirements Hours	College & Program Requirements Hours	Carolina Core Hours	Minimum Institutional GPA
120	24	52-64	32-44	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.
- Students who do not place into MATH 122 or 141 will be required to take the required prerequisite before proceeding with MATH 122 or 141.
- 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 [Carolina Core](#) provides the common core of knowledge, skill and academic experience for all Carolina undergraduate students.
- 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.
- The cognate is intended to support the course work in the major. The cognate must consist of twelve hours of courses at the advanced level, outside of, but related to the major. In place of a cognate, a student may choose a minor consisting of at least 18 credit hours of courses concentrated in one area that follow a structured sequence. A second major eliminates the minor/cognate 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.
- Geography Electives (18 credit hours): At least 2 courses from the major must be from the 500-level. GEOG 595 can be used to fulfill up to 3 hours of geography elective credit, but not the 500-level requirement.

Choose 6 from the following:	
GEOG 330 The Geography of Disasters (3)	GEOG 546 Applied Climatology (3)
GEOG 343 Environment and Society (3)	GEOG 547 Fluvial Geomorphology (3)
GEOG 346 Climate and Society (3)	GEOG 549 Water and Watersheds (3)
GEOG 347 Water as a Resource (3)	GEOG 566 Social Aspects of Environmental Planning and Management (3)
GEOG 348 Biogeography (3)	GEOG 567 Long-Term Environmental Change (3)
GEOG 360 Geography of Wind (3)	GEOG 568 Human Dimensions of Global Environmental Change (3)
GEOG 365 Hurricanes & Trop. Climatology (3)	GEOG 569 International Development and the Environment(3)
GEOG 370 America's National Parks (3)	GEOG 570 Geography of Public Land and Water Policy (3)
GEOG 371 Air Pollution Climatology (3)	GEOG 571 Microclimatology (3)
GEOG 516 Coastal Zone Management (3)	GEOG 573 Climatic Change and Variability (3)
GEOG 530 Environmental Hazards (3)	GEOG 590 Beach-Dune Interactions (3)
GEOG 545 Synoptic Meteorology(3)	GEOG 201 or 202 may be used, if not used to satisfy the major prerequisite

### 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.
- Any exceptions or additional options in the Geography major may be made with the consultation and approval of the departmental advisor.
- BA with Distinction in Geography (36 hours): Available to students majoring in Geography who wish to participate in significant research activities in their major field under the supervision of a faculty mentor. A minimum GPA of 3.50 in the major and 3.30 cumulative is required to apply for a BA or BS with Distinction in Geography. Requirements:
  - Students must submit a written application for the BS with Distinction in Geography at least eight months before completion of the degree.
  - Written sponsorship agreement from a Geography faculty mentor on file in the department.
  - An established thesis committee consisting of a tenure-track faculty member in Geography & at least one other tenure-track or research faculty member at the University of South Carolina.
  - A written thesis demonstrating significant original work and approved by the thesis committee.
  - A public presentation of the Senior Thesis research.
  - General major requirements, plus 12 additional credit hours including: a minimum of 9 credit hours in GEOG 498, or any GEOG 500-level courses, and GEOG 499-Senior Thesis (3).
- 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:			
<b>CC</b>	Carolina Core	<b>CC-INF</b>	Carolina Core – Information Literacy
<b>CC-AIU</b>	Carolina Core-Aesthetic and Interpretive Understanding	<b>CC-INT</b>	Carolina Core – Integrative Course
<b>CC-ARP</b>	Carolina Core-Analytical Reasoning and Problem-Solving	<b>CC-SCI</b>	Carolina Core – Scientific Literacy
<b>CC-CMS</b>	Carolina Core-Effective, Engaged, and Persuasive Communication: Spoken Component	<b>CC-VSR</b>	Carolina Core – Values, Ethics, and Social Responsibility
<b>CC-CMW</b>	Effective, Engaged, and Persuasive Communication: Written Component	<b>CR</b>	College Requirement
<b>CC-GFL</b>	Carolina Core-Global Citizenship and Multicultural Understanding: Foreign Language	<b>MR</b>	Major Requirement
<b>CC-GHS</b>	Carolina Core – Historical Thinking	<b>PR</b>	Program Requirement
<b>CC-GSS</b>	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.