

# ENVIRONMENTAL STUDIES, B.A.

## Degree Requirements (120 hours)

### Program of Study

Requirements	Credit Hours
1. Carolina Core	32-44
2. College Requirements	15-18
3. Program Requirements	21-37
4. Major Requirements	36-37

### Founding Documents Requirement

All undergraduate students must take a 3-credit course or its equivalent with a passing grade in the subject areas of History, Political Science, or African American Studies that covers the founding documents including the United States Constitution, the Declaration of Independence, the Emancipation Proclamation and one or more documents that are foundational to the African American Freedom struggle, and a minimum of five essays from the Federalist papers. This course may count as a requirement in any part of the program of study including the Carolina Core, the major, minor or cognate, or as a general elective. Courses that meet this requirement are listed here (<https://academicbulletins.sc.edu/undergraduate/founding-document-courses/>).

## 1. Carolina Core (32-44 hours)

### CMW – Effective, Engaged, and Persuasive Communication: Written (6 hours)

*must be passed with a grade of C or higher and completed in the first 60 hours*

- any CC-CMW courses (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

### ARP – Analytical Reasoning and Problem Solving (6-8 hours)

- any CC-ARP courses (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

### SCI – Scientific Literacy (8 hours)

Select two from the following:

- BIOL 101\* & BIOL 101L\* or MSCI 102\*
- BIOL 102\* & BIOL 102L\*
- CHEM 111\* & CHEM 111L\*
- GEOL 101\*
- GEOL 103\*
- MSCI 101\*
- MSCI 210\* & MSCI 210L
- PHYS 201\* & PHYS 201L\* or PHYS 211\* & PHYS 211L\*

### GFL – Global Citizenship and Multicultural Understanding: Foreign Language (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. 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.

- CC-GFL courses (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

*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.*

### GHS – Global Citizenship and Multicultural Understanding: Historical Thinking (3 hours)

- any CC-GHS course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

### GSS – Global Citizenship and Multicultural Understanding: Social Sciences (3 hours)

- any CC-GSS course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

### AIU – Aesthetic and Interpretive Understanding (3 hours)

- any CC-AIU course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

### CMS – Effective, Engaged, and Persuasive Communication: Spoken Component<sup>1</sup> (0-3 hours)

- any overlay or stand-alone CC-CMS (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)course

### INF – Information Literacy<sup>1</sup> (0-3 hours)

- any overlay or stand-alone CC-INF course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

### VSR – Values, Ethics, and Social Responsibility<sup>1</sup> (0-3 hours)

- any overlay or stand-alone CC-VSR course (<https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/>)

<sup>1</sup> **Carolina Core Stand Alone or Overlay Eligible Requirements** – Overlay-approved courses offer students the option of meeting two Carolina Core components in a single course. A maximum of two overlays is allowed. The total Carolina Core credit hours must add up to a minimum of 31 hours. Some programs may have a higher number of minimum Carolina Core hours due to specified requirements.

## 2. College Requirements (15-18 hours)

### Foreign Language (0-3 hours)

- only if needed to meet 122-level proficiency

### History (3 hours)

The College of Arts and Sciences requires one additional GHS course beyond the Carolina Core GHS requirement.

- If the Carolina Core GHS requirement is fulfilled by a **U.S. history** course, the College of Arts and Sciences history requirement must be fulfilled by a **non-U.S. history** course.
- If the Carolina Core GHS requirement is fulfilled by a **non-U.S. history** course, the College of Arts and Sciences history requirement must be fulfilled by a **U.S. history** course.

Please select the College of Arts and Sciences history requirement from the approved list of U.S. and non-U.S. history courses (<https://academicbulletins.sc.edu/undergraduate/arts-sciences/history-requirement/>).

### Social Science and Fine Arts or Humanities (12 hours)

- **Social Science (3 hours)**
  - The College of Arts and Science requires one 3- hour Social Science Course (<https://academicbulletins.sc.edu/undergraduate/arts-sciences/courses-acceptable-social-science/>)
- **Fine Arts/Humanities (9 Hours)**
  - A Bachelor of Arts from the College of Arts and Sciences requires three 3-hour Fine Arts/Humanities Courses (<https://academicbulletins.sc.edu/undergraduate/arts-sciences/courses-acceptable-fine-arts-humanities/>)

## 3. Program Requirements (21-37 hours)

### Supporting Courses (4 hours)

Course	Title	Credits
<b>Select one additional science from the following:</b>		<b>4</b>
BIOL 101 & 101L	Biological Principles I and Biological Principles I Laboratory (*) or MSCI 102 The Living Ocean	
BIOL 102 & 102L	Biological Principles II and Biological Principles II Laboratory (*) or MSCI 311 Biology of Marine Organisms	
CHEM 111 & 111L	General Chemistry I and General Chemistry I Lab (*)	
ENVR 101 & 101L	Introduction to the Environment and Introduction to the Environment Lab (*)	
GEOL 101	Introduction to the Earth (*)	
GEOL 103	Environment of the Earth (*)	
GEOG 201	Landform Geography (*)	
MSCI 101	The Ocean Environment (*)	
MSCI 210 & 210L	Oceans and Society and Oceans and Society Laboratory (*)	
PHYS 201 & 201L	General Physics I and General Physics Laboratory I (*)	
PHYS 211 & 211L	Essentials of Physics I and Essentials of Physics I Lab	
<b>Total Credit Hours</b>		<b>4</b>

Note: BIOL 301 is required for MSCI 311

### Cognate or Minor (0-18 hours) *Optional*

This major does not require a cognate or minor.

An optional minor may be added to a student's program of study. A minor is intended to develop a coherent basic preparation in a second area of study. Courses applied toward general education requirements cannot

be counted toward the minor. No course may satisfy both major and minor requirements. All minor courses must be passed with a grade of C or higher. At least half of the courses in the minor must be completed in residence at the University. A list of minor programs of study can be found at Programs A-Z. An optional additional major may also be added to a student's program of study. **Additional majors must include all major courses as well as any prescribed courses noted (\*) in the bulletin.** Prescribed courses noted in the bulletin may be shared with Carolina Core, College requirements, and Program requirements in the primary program.

A list of minor programs of study can be found at Programs A-Z (<https://academicbulletins.sc.edu/undergraduate/programs-az/>).

### Electives (17-33 hours)

120 (or 128) degree applicable credits are required to complete any degree at UofSC. After the cognate, minor or second major is complete, any additional credits needed to reach 120 (or 128) total credits can be fulfilled by electives. 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 (36-37 hours)

*a minimum grade of C is required in all major courses*

### Major Courses (27 hours)

All majors must complete at least 36-37 hours of approved courses, including the core requirements of 27 hours. Majors must complete enough additional hours from the selected courses to bring them to the required 36-37 hours total. Students are required to develop a program of study in consultation with their advisor. A minimum grade of C is required for all courses used to fulfill major requirements.

*Please see current University of South Carolina undergraduate course catalog for information about prerequisites required to enroll in many of these courses.*

Course	Title	Credits
ENVR 201	Environmental Science and Policy I	4
ENVR 202	Environmental Science and Policy II	4
ENVR 480	Capstone Seminar in Environmental Science and Environmental Studies	3
<b>Environmental and Society- Select two from the following:</b>		<b>6</b>
ENVR/ENHS 321	Environmental Pollution and Health	
ENVR/PHIL 322	Environmental Ethics	
ENVR 331	Integrating Sustainability	
ENVR/ANTH 342	Environmental Anthropology: Cross-cultural Perspectives on Environmental Change	
ENVR 348	Environmental Racism and Justice	
ENVR 352	Energy, Society and Sustainability	
ENVR 540	Decolonizing the Environment: Race, Nature, Power	
ENVR 548	Environmental Economics	

ENVR/GEOG 538	Global Food Politics	
HIST 360	Into the Wild: Global Conservation since 1800	
HIST 448	American Environmental History	
POLI 478	Environmental Policy	
MSCI 390	Policy and Marine Science	
ENGL 434	Environmental Literature	
GEOG 321	Sustainable Cities	
GEOG 343	Environment and Society	
GEOG 347	Water as a Resource	
GEOL 560	Earth Resource Management	
ANTH 525	Ethnoecology	
Laboratory Science-Select one of the following:		4
BIOL 301 & 301L	Ecology and Evolution and Ecology and Evolution Laboratory (Advising note: BIOL/MSCI prerequisites)	
GEOL/MSCI 335	Processes of Global Environmental Change	
GEOL 315	Surface and Near Surface Processes (Advising note: PHYS prerequisite)	
GEOG 202	Weather and Climate	
Skills-Select one of the following		3-4
ENVR 460	Congaree National Park: Field Investigations in Environmental Science	
GEOG 363	Geographic Information Systems	
GEOG 551	Principles of Remote Sensing	
JOUR 507	Health Communication: The Science and Practice	
MART 371	The Moving Image (Advising note: this course has prerequisites which should be taken as AIU classes)	
POLI 475	Survey Research	
SOCY 391	Sociological Research Methods	
<b>Total Credit Hours</b>		<b>24-25</b>

## Major Electives (minimum 12 hours)

Students, in consultation with their advisor, will develop a program of study to meet their educational goals in environmental studies courses.

- Students should select four courses from the list of major courses.
  - At least six hours must be at 400-level or above.
  - At least six hours must have an ENVR designator above ENVR 230.

Note: The six hours of 400-level or above credit and the six hours of ENVR 230+ credit may overlap, as long as a total of 12 credit hours are completed.

Course	Title	Credits
<b>Select four courses from the following (in consultation with advisor): 12</b>		
ENVR 231	Introduction to Sustainability Management and Leadership	
ENVR 295	Green Technology in Germany	
ENVR/ENHS 321	Environmental Pollution and Health	

ENVR/PHIL 322	Environmental Ethics
ENVR/ENHS 323	Global Environmental Health
ENVR 331	Integrating Sustainability
ENVR/ANTH 342	Environmental Anthropology: Cross-cultural Perspectives on Environmental Change
ENVR 348	Environmental Racism and Justice
ENVR 352	Energy, Society and Sustainability
ENVR 399	Independent Study
ENVR 460	Congaree National Park: Field Investigations in Environmental Science
ENVR 490	Special Topics in Sustainability and the Environment
ENVR 499	Research in Environmental Science
ENVR 500	Environmental Practicum
ENVR 501	Special Topics in the Environment
ENVR 533	Sustainability Projects Course
ENVR 538	Global Food Politics
ENVR 540	Decolonizing the Environment: Race, Nature, Power
ENVR/ECON 548	Environmental Economics
ENVR/BIOL 571	Conservation Biology
ENVR/BIOL 572	Freshwater Ecology
AFAM/ENVR 348	Environmental Racism and Justice
ANTH 208	Anthropology of Globalization and Development
ANTH 212	Food and Culture
ANTH 213	Ethnobotany: Plants and Peoples
ANTH 513	Anthropological Ethnobotany
ANTH 525	Ethnoecology
ANTH 569	International Development and the Environment
BIOL 301	Ecology and Evolution
BIOL 525	Marine Plants
BIOL 526	The Fall Flora
BIOL 527	The Spring Flora
BIOL 528	The Summer Flora
BIOL 534	Animal Behavior
BIOL 570	Principles of Ecology
BIOL/ENVR 571	Conservation Biology
BIOL/ENVR 572	Freshwater Ecology
ECHE 573	Next Energy
ECON 500	Urban Economics
ECON 508	Law and Economics
ECON 509	Economics of Sustainable Development
ECON 548	Environmental Economics
ECON 594	Introduction to Econometrics
ENGL 434	Environmental Literature
ENGL 462	Technical Writing

ENHS/ENVR 321	Environmental Pollution and Health	HIST 398	Sustainability in World History from Early Times to the Anthropocene
ENHS 592	Advanced Special Topics in Environmental Health	HIST 448	American Environmental History
ENHS 660	Concepts of Environmental Health Science	HRTM 383	Ecotourism
ENHS 665	Biofilms in Environmental Health and Disease	HRTM 428	Sustainable Foodservice Systems
ENHS 670	Environmental Pollutants and Human Health	HRTM 482	Sustainable Tourism Planning and Policy
GEOG 202	Weather and Climate	HRTM 485	Sustainable Tourism
GEOG 313	Economic Geography	JOUR 205	History and Philosophy of the Mass Media
GEOG 321	Sustainable Cities	JOUR 303	Law and Ethics of Mass Communications
GEOG 330	The Geography of Disasters	JOUR 306	Theories of Mass Communications
GEOG 343	Environment and Society	JOUR/WGST 311	Minorities, Women, and the Mass Media
GEOG 345	Interpretation of Aerial Photographs	JOUR 501	Freedom, Responsibility, and Ethics of the Mass Media
GEOG 346	Climate and Society	JOUR 542	Public Opinion and Persuasion
GEOG 347	Water as a Resource	JOUR 507	Health Communication: The Science and Practice
GEOG 348	Biogeography	MART 321	Media Writing
GEOG 360	Geography of Wind	MART 371	The Moving Image
GEOG 363	Geographic Information Systems	MART 380	New Media Art
GEOG 365	Hurricanes and Tropical Climatology	MSCI 311	Biology of Marine Organisms
GEOG 370	America's National Parks	MSCI/GEOL 335	Processes of Global Environmental Change
GEOG 371	Air Pollution Climatology	MSCI 390	Policy and Marine Science
GEOG 510	Special Topics in Geographic Research	PHIL 320	Ethics
GEOG 516	Coastal Zone Management	PHIL 321	Medical Ethics
GEOG 530	Environmental Hazards	PHIL/ENVR 322	Environmental Ethics
GEOG 545	Synoptic Meteorology	PHIL 323	Ethics of Science and Technology
GEOG 546	Applied Climatology	PHIL 324	Business Ethics
GEOG 547	Fluvial Geomorphology	PHIL 325	Engineering Ethics
GEOG 549	Water and Watersheds	PHIL 535	Ecofeminism
GEOG 551	Principles of Remote Sensing	POLI 365	State Government
GEOG 552	LiDARgrammetric and Photogrammetric Digital Surface Mapping	POLI 368	Interest Groups and Social Movements
GEOG 563	Advanced Geographic Information Systems	POLI 370	Introduction to Public Administration
GEOG 564	GIS-Based Modeling	POLI 373	Regulatory Policies
GEOG 566	Social Aspects of Environmental Planning and Management	POLI 374	Public Policy
GEOG 567	Long-Term Environmental Change	POLI 431	Science, Technology, and Public Policy
GEOG 568	Human Dimensions of Global Environmental Change	POLI 465	Psychology and Politics
GEOG 569	International Development and the Environment	POLI 470	Federalism and Intergovernmental Relations
GEOG 570	Geography of Public Land and Water Policy	POLI 477	Green Politics
GEOG 571	Microclimatology	POLI 478	Environmental Policy
GEOG 573	Climatic Change and Variability	PSYC 487	Community Psychology
GEOL 302	Rocks and Minerals	SOCY 308	Community Organization
GEOL 315	Surface and Near Surface Processes	SOCY 310	Social Demography
GEOL 335	Processes of Global Environmental Change	SOCY 311	Ecology of Human Social Systems
GEOL 371	A View of the River	SOCY 315	Global Population Issues
GEOL 501	Principles of Geomorphology	SOCY 514	Urbanization
GEOL 520	Isotope Geology and Geochronology	SPCH 331	Organizational Communication
GEOL 560	Earth Resource Management	SPCH 464	Speechwriting
GEOL 570	Environmental Hydrogeology		
GERM/ENVR 295	Green Technology in Germany		
HIST 360	Into the Wild: Global Conservation since 1800		
<b>Total Credit Hours</b>			<b>12</b>