ENVIRONMENTAL STUDIES, B.A.

Degree Requirements (120 hours)

Program of Study

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<th>Requirements</th>
<th>Credit Hours</th>
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<td>1. Carolina Core</td>
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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 State 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 ¹ (0-3 hours)

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

INF – Information Literacy ¹ (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 ¹ (0-3 hours)

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

¹ 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)

Select one additional science from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 101 &amp; 101L</td>
<td>Biological Principles I and Biological Principles I Laboratory (*)</td>
<td>4</td>
</tr>
<tr>
<td>or MSCI 102</td>
<td>The Living Ocean</td>
<td></td>
</tr>
<tr>
<td>BIOL 102 &amp; 102L</td>
<td>Biological Principles II and Biological Principles II Laboratory (*)</td>
<td></td>
</tr>
<tr>
<td>or MSCI 311</td>
<td>Biology of Marine Organisms</td>
<td></td>
</tr>
<tr>
<td>CHEM 111 &amp; 111L</td>
<td>General Chemistry I and General Chemistry I Lab (*)</td>
<td></td>
</tr>
<tr>
<td>ENVR 101 &amp; 101L</td>
<td>Introduction to the Environment and Introduction to the Environment Lab (*)</td>
<td></td>
</tr>
<tr>
<td>GEOL 101</td>
<td>Introduction to the Earth (*)</td>
<td></td>
</tr>
<tr>
<td>GEOL 103</td>
<td>Environment of the Earth (*)</td>
<td></td>
</tr>
<tr>
<td>GEOG 201</td>
<td>Landform Geography (*)</td>
<td></td>
</tr>
<tr>
<td>MSCI 101</td>
<td>The Ocean Environment (*)</td>
<td></td>
</tr>
<tr>
<td>MSCI 210 &amp; 210L</td>
<td>Oceans and Society and Oceans and Society Laboratory (*)</td>
<td></td>
</tr>
<tr>
<td>PHYS 201 &amp; 201L</td>
<td>General Physics I and General Physics Laboratory I (*)</td>
<td></td>
</tr>
<tr>
<td>PHYS 211 &amp; 211L</td>
<td>Essentials of Physics I and Essentials of Physics I Lab</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 4

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)

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.

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENVR 201</td>
<td>Environmental Science and Policy I</td>
<td>4</td>
</tr>
<tr>
<td>ENVR 202</td>
<td>Environmental Science and Policy II</td>
<td>4</td>
</tr>
<tr>
<td>ENVR 480</td>
<td>Environmental Issues Seminar</td>
<td>3</td>
</tr>
<tr>
<td>ENVR/ENHS 321</td>
<td>Environmental Pollution and Health</td>
<td></td>
</tr>
<tr>
<td>ENVR/PHIL 322</td>
<td>Environmental Ethics</td>
<td></td>
</tr>
<tr>
<td>ENVR 331</td>
<td>Integrating Sustainability</td>
<td></td>
</tr>
<tr>
<td>ENVR/ANTH 342</td>
<td>Environmental Anthropology: Cross-cultural Perspectives on Environmental Change</td>
<td></td>
</tr>
<tr>
<td>ENVR 348</td>
<td>Environmental Racism and Justice</td>
<td></td>
</tr>
<tr>
<td>ENVR 352</td>
<td>Energy, Society and Sustainability</td>
<td></td>
</tr>
<tr>
<td>ENVR 540</td>
<td>Decolonizing the Environment: Race, Nature, Power</td>
<td></td>
</tr>
<tr>
<td>ENVR 548</td>
<td>Environmental Economics</td>
<td></td>
</tr>
<tr>
<td>ENVR/GEOG 538</td>
<td>Global Food Politics</td>
<td></td>
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</table>
Environmental Studies, B.A.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 360</td>
<td>Into the Wild: Global Conservation since 1800</td>
<td></td>
</tr>
<tr>
<td>HIST 448</td>
<td>American Environmental History</td>
<td></td>
</tr>
<tr>
<td>POLI 478</td>
<td>Environmental Policy</td>
<td></td>
</tr>
<tr>
<td>MSCI 390</td>
<td>Policy and Marine Science</td>
<td></td>
</tr>
<tr>
<td>ENGL 434</td>
<td>Environmental Literature</td>
<td></td>
</tr>
<tr>
<td>GEOG 321</td>
<td>Sustainable Cities</td>
<td></td>
</tr>
<tr>
<td>GEOG 343</td>
<td>Environment and Society</td>
<td></td>
</tr>
<tr>
<td>GEOG 347</td>
<td>Water as a Resource</td>
<td></td>
</tr>
<tr>
<td>GEOG 560</td>
<td>Earth Resource Management</td>
<td></td>
</tr>
<tr>
<td>ANTH 525</td>
<td>Ethnoecology</td>
<td></td>
</tr>
</tbody>
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Laboratory Science—Select one of the following: 4

- BIOL 301 & 301L: Ecology and Evolution and Ecology and Evolution Laboratory (Advising note: BIOL/MSCI prerequisites)
- GEOG 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

Total Credit Hours: 24-25

**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.

**Select four courses from the following (in consultation with advisor): 12**

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

Total Credit Hours 12