Environmental Sciences (Minor)

To see more about what you will learn in this program, visit the Learning Outcomes website (https://apps.oirp.ncsu.edu/pgas/).

The Environmental Sciences minor allows students to connect the topics from their major to the compelling, contemporary issues that connect humans to the environment. The minor includes courses in all academic units to provide links between disciplines and to provide a foundation for analysis of environmental issues.

Admissions

Any student with an interest in Environmental Science minor should see the contact person listed below to discuss their interest in the minor, course requirements and complete the Declaration of Minor form to be submitted to the Office of Registration and Records. Students must have a minimum overall grade point average of 2.0 to be admitted to the minor.

Certification

The Environmental Science Committee will review the student’s record and certify that the student has completed the requirements for the minor. The minor must be completed no later than the semester in which the student expects to graduate from his or her degree program. Paperwork for certification should be completed no later than during the registration period for the student’s final semester at NC State.

Contact Person

Erin A. Champion
Program Coordinator
3136B Jordan Hall
919.513.2520
eachampi@ncsu.edu

Effective Date: 7/2010
SIS Code: 15EVEM

Plan Requirements

To complete the ES minor, students must complete 15 credit hours by taking three of the ES Core courses earning 9 Cr with a C- or better grade in each course. Students must then complete two additional elective courses with a C- or better from the approved list. A student may not major and minor in Environmental Science.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td></td>
<td><strong>Required Courses</strong></td>
<td><strong>9</strong></td>
</tr>
<tr>
<td>ES 100</td>
<td>Introduction to Environmental Sciences</td>
<td></td>
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<tr>
<td>ES 113</td>
<td>Earth from Space</td>
<td></td>
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<tr>
<td>ES 200</td>
<td>Climate Change and Sustainability</td>
<td></td>
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<tr>
<td>ES 300</td>
<td>Energy and Environment</td>
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<td></td>
<td><strong>Elective Courses</strong></td>
<td><strong>6</strong></td>
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<td>Select two courses from one or any of the following groups:</td>
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<td>MEA 220</td>
<td>Marine Biology (^1)</td>
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<tr>
<td>FW 221</td>
<td>Conservation of Natural Resources</td>
<td></td>
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<tr>
<td>PB 360</td>
<td>Ecology (^1)</td>
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1. This course has a prerequisite.
2. Course substitutions may be made with minor advisor approval.

FOR 252 Introduction to Forest Science
Group II – Physical Science
MEA 101 Geology I: Physical
& MEA 110 and Geology I Laboratory
MEA 130 Introduction to Weather and Climate
& MEA 135 and Introduction to Weather and Climate Laboratory
SSC 200 Soil Science \(^1\)
MEA 200 Introduction to Oceanography
CE 373 Fundamentals of Oceanography
Group III – Social Science
IDS 201 Environmental Ethics
NR/IDS 303 Humans and the Environment
STS 322 Technological Catastrophes
PS 320 U.S. Environmental Law and Politics
PS 336 Global Environmental Politics
LAR 221 Introduction to Environment and Behavior for Designers
Group IV – Advanced Courses
MEA 300 Environmental Geology \(^1\)
NR 460 Renewable Natural Resource Management and Policy
SSC 421 Role of Soils in Environmental Management
HI 440 American Environmental History \(^1\)
NR 406 Conservation of Biological Diversity \(^1\)
SOC 450 Environmental Sociology \(^1\)

Total Hours 15