CONSERVATION AND ENVIRONMENTAL SCIENCE, MINOR

At UWM, students with a passion for nature and the environment can obtain a solid education in the natural sciences that are central to environmental science - biology, geosciences, and chemistry - and the social sciences of geography, economics, and politics which guide the application of conservation and environmental science in the real world.

Students at UWM can focus their conservation and environmental science work around land resources, water resources, biological resources/biodiversity, or environmental analysis. Internships and field work complement classroom learning. These opportunities can be found locally at UWM's own Field Station (http://uwm.edu/letters-science/programs/?discipline=Field+Station), on Lake Michigan aboard UWM's R/V Neeskay vessel, and at local agencies, or abroad in places as far flung as Iceland, Africa, Romania and the Caribbean.

An active Conservation Club is another student advantage at UWM. Activities range from on-campus sustainability projects to professional networking and more.

It is recommended that students obtain at least one semester of practical work or internship experience, either as an employee or as a volunteer, with state or federal resource management agencies, consulting firms, conservation or environmental organizations, or with nature centers or local parks.

Requirements

The Conservation and Environmental Science minor requires completion of a minimum of 25 credits distributed among CES courses and approved electives, with at least 12 credits in upper-level (numbered 300 and above) courses. Students must complete at least 9 upper-level credits for the minor in residence at UWM and must attain a 2.0 GPA on all UWM credits attempted for the minor. In addition, the College requires that students attain a 2.0 GPA on all minor credits attempted, including transfer work.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CES 210</td>
<td>Introduction to Conservation and Environmental Science</td>
<td>3</td>
</tr>
<tr>
<td>GEO SCI 100 or GEOG 120</td>
<td>Introduction to the Earth or Our Physical Environment</td>
<td>3</td>
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<tr>
<td>Select one of the following:</td>
<td>4-5</td>
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<tr>
<td>CHEM 100</td>
<td>Chemical Science</td>
<td></td>
</tr>
<tr>
<td>CHEM 102</td>
<td>General Chemistry</td>
<td></td>
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<tr>
<td>CHEM 105</td>
<td>General Chemistry for Engineering</td>
<td></td>
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<tr>
<td>BIO SCI 102 or BIO SCI 150</td>
<td>Elements of Biology or Foundations of Biological Sciences I</td>
<td>3</td>
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**Upper-Level Requirements**

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CES 471</td>
<td>Practicum in Natural Resources Management</td>
<td>3-4</td>
</tr>
<tr>
<td>or GEOG 350</td>
<td>Conservation of Natural Resources</td>
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</tbody>
</table>

Select at least 9 upper-level (numbered 300 or above) credits^2 9

Total Credits 25-27

^1 Students pursuing BS degrees and those interested in taking upper-level natural science classes such as BIO SCI 310 should take CHEM 102 and BIO SCI 150 as part of their introductory core requirements.

^2 Selected from the list of approved elective courses for the CES major, found here (http://catalog.uwm.edu/letters-science/conservation-environmental-science/conservation-environmental-science-ba/#requirementstext) or here (http://catalog.uwm.edu/letters-science/conservation-environmental-science/conservation-environmental-science-bs/#requirementstext). At least 6 of these must be taken outside the student's major program and at least 3 must be from the natural sciences.

**Contact Information**

Current Students contact Mai Phillips, phillipm@uwm.edu
Prospective Students contact a Letters & Science Admissions Counselor at (414) 229-7711 or let-sci@uwm.edu
https://uwm.edu/conservation-environmental-science/undergraduate/