The environmental science minor provides undergraduates with a strong foundation on a variety of scientific, technical, institutional, economic, behavioral, and conservation-oriented solutions to environmental problems caused by either natural phenomena and/or human activity.

**Minor Requirements**

Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified.

<table>
<thead>
<tr>
<th>Course Work</th>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introductory Course Work</td>
<td></td>
<td></td>
<td>4-5</td>
</tr>
<tr>
<td>Complete one of the following:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 1121 and BIOL 1122</td>
<td>Basic Microbiology and Lab for BIOL 1121</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENVR 1101</td>
<td>Environmental Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science or Engineering</td>
<td>Complete one of the following courses based on your major:</td>
<td>4-5</td>
<td></td>
</tr>
<tr>
<td>Engineering Majors</td>
<td>CHEM 1214 and CHEM 1215</td>
<td>General Chemistry 2 and Lab for CHEM 1214</td>
<td></td>
</tr>
<tr>
<td>Other Majors</td>
<td>CHEM 2311 and CHEM 2312</td>
<td>Organic Chemistry 1 and Lab for CHEM 2311</td>
<td></td>
</tr>
<tr>
<td>CIVE 2334</td>
<td>Environmental Engineering 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Sciences</td>
<td>Complete one of the following:</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>ECON 3423</td>
<td>Environmental Economics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHIL 1180</td>
<td>Environmental Ethics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLS 2395</td>
<td>Environmental Politics and Policy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOCL 1246</td>
<td>Environment and Society</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOCL 3485</td>
<td>Environment, Technology, and Society</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Electives**

Complete any two courses from the following. Only one of the courses may be in the 1000–1999 range. Only one course may be selected from a group:

<table>
<thead>
<tr>
<th>Electives</th>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics Group</td>
<td>For nonengineering/nonscience majors only:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PHYS 1132</td>
<td>Energy, Environment, and Society</td>
<td></td>
</tr>
<tr>
<td>Biology Group</td>
<td>EEMB 2302</td>
<td>Ecology</td>
<td></td>
</tr>
<tr>
<td>Environmental Planning Group</td>
<td>ENVR 5210</td>
<td>Environmental Planning</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENVR 5250</td>
<td>Geology and Land-Use Planning</td>
<td></td>
</tr>
<tr>
<td>Geology Group</td>
<td>ENVR 2340 and ENVR 2341</td>
<td>Earth Landforms and Processes and Lab for ENVR 2340</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENVR 4504</td>
<td>Environmental Pollution</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENVR 5190</td>
<td>Soil Science</td>
<td></td>
</tr>
<tr>
<td>Hydrogeology Group</td>
<td>ENVR 4500 and ENVR 4501</td>
<td>Applied Hydrogeology and Lab for ENVR 4500</td>
<td></td>
</tr>
</tbody>
</table>

**Interdisciplinary Work**

Complete the independent project, the applied experience, or the environmental safety program:

<table>
<thead>
<tr>
<th>Interdisciplinary Work</th>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Independent Project</td>
<td>See program advisor for approval before embarking on the project.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Applied Experience</td>
<td>See program advisor for details.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmental Safety Program</td>
<td>See program advisor for details.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**GPA Requirement**

2.000 GPA required in the minor