## ENVIRONMENTAL SOIL SCIENCE MINOR

### Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERSC 303</td>
<td>Soil Erosion and Water Conservation</td>
<td>4</td>
</tr>
<tr>
<td>SS 120</td>
<td>Introductory Soil Science</td>
<td>4</td>
</tr>
<tr>
<td>SS 221</td>
<td>Soil Health and Plant Nutrition</td>
<td>4</td>
</tr>
<tr>
<td>or ERSC 223</td>
<td>Rocks and Minerals</td>
<td></td>
</tr>
<tr>
<td>SS 321</td>
<td>Soil Morphology</td>
<td>4</td>
</tr>
</tbody>
</table>

### Approved Electives

Select from the following: 11-14 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO/NR/SS 421</td>
<td>Wetlands</td>
</tr>
<tr>
<td>ERSC 323</td>
<td>Geomorphology</td>
</tr>
<tr>
<td>ERSC 442</td>
<td>Applied Environmental Groundwater Hydrology</td>
</tr>
<tr>
<td>ERSC 443</td>
<td>Applied Environmental Contaminant Transport</td>
</tr>
<tr>
<td>SS 322</td>
<td>Soil Plant Relationships</td>
</tr>
<tr>
<td>SS 422</td>
<td>Soil Ecology</td>
</tr>
<tr>
<td>SS 423</td>
<td>Environmental Soil and Water Chemistry</td>
</tr>
<tr>
<td>SS 431</td>
<td>Digital Soil Mapping</td>
</tr>
<tr>
<td>SS 440</td>
<td>Forest and Range Soils</td>
</tr>
<tr>
<td>SS 444</td>
<td>Soil Judging</td>
</tr>
</tbody>
</table>

**Total units**: 27-30