# Minor in Watershed Science

## Requirements

**Effective Fall 2021**

Students must satisfactorily complete the total credits required for the minor. Minors and interdisciplinary minors require 12 or more upper-division (300- to 400-level) credits. Additional coursework may be required due to prerequisites.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td><strong>Lower Division</strong></td>
<td></td>
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<tr>
<td>ESS 210/GR 210</td>
<td>Physical Geography</td>
<td>3-4</td>
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<tr>
<td>or GEOL 150</td>
<td>Physical Geology for Scientists and Engineers</td>
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<tr>
<td>GR 204/WR 204</td>
<td>Sustainable Watersheds (GT-SC2)</td>
<td>3</td>
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<tr>
<td><strong>Upper Division</strong></td>
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<td></td>
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<tr>
<td>WR 416</td>
<td>Land Use Hydrology</td>
<td>3</td>
</tr>
<tr>
<td>WR 486</td>
<td>Watershed Field Practicum</td>
<td>2</td>
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</tbody>
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Select at least 10 credits from the following:

- AREC 342  Water Law, Policy, and Institutions
- ATS 350   Introduction to Weather and Climate
- CHEM 334  Quantitative Analysis Laboratory
- CHEM 335  Introduction to Analytical Chemistry
- CHEM 338  Environmental Chemistry
- CIVE 322  Basic Hydrology
- CIVE 413  Environmental River Mechanics
- CIVE 423  Groundwater Engineering
- CIVE 440  Nonpoint Source Pollution
- ESS 474/BZ 474  Limnology
- GEOL 452  Hydrogeology
- GEOL 454  Geomorphology
- SOCR 322  Principles of Microclimatology
- SOCR 470  Soil Physics
- SOCR 471  Soil Physics Laboratory
- SOC 461  Water and Social Justice
- WR 406  Seasonal Snow Environments
- WR 417  Watershed Measurements
- WR 418  Land Use and Water Quality
- WR 419  Water Quality Analyses
- WR 474  Snow Hydrology

**Program Total Credits:** 21-22