# WATER SCIENCE MINOR

## Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRAE 340</td>
<td>Irrigation Water Management</td>
<td>4</td>
</tr>
<tr>
<td>NR 408</td>
<td>Water Resource Law and Policy</td>
<td>3</td>
</tr>
<tr>
<td>SS 121</td>
<td>Introductory Soil Science</td>
<td>4</td>
</tr>
</tbody>
</table>

## Emphasis Area

Select one emphasis area: 13-18

### Irrigation Emphasis

Select 13 units from the following:

- BRAE 237: Introduction to Engineering Surveying
- or BRAE 239: Engineering Surveying
- BRAE 312: Hydraulics
- BRAE 331: Irrigation Theory
- BRAE 405: Chemigation
- BRAE 337: Landscape Irrigation
- BRAE 414: Irrigation Engineering
- BRAE 435: Drainage
- BRAE 438: Drip/Micro Irrigation
- BRAE 440: Agricultural Irrigation Systems
- BRAE 532: Water Wells and Pumps
- BRAE 533: Irrigation Project Design

### Water Policy Emphasis

Select 17-18 units from the following:

- AGB 312: Agricultural Policy
- BIO/NR/SS 421: Wetlands
- CRP/NR 404: Environmental Law
- NR 320: Watershed Processes and Management
- NR 435: Environmental Policy Analysis
- POLS 333: World Food Systems
- POLS 351: Public Policy and Administration

### Watershed Management Emphasis

Select 16 units from the following:

- BIO/NR/SS 421: Wetlands
- ERSC 303: Soil Erosion and Water Conservation
- NR 306: Natural Resource Ecology and Habitat Management
- NR 320: Watershed Processes and Management
- NR 420: Watershed Assessment and Protection
- SS 440: Forest and Range Soils
- SS 442: Vadose Zone and Groundwater Processes

## Total units

24-29