## 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/CRP 408</td>
<td>Water Resource Law and Policy</td>
<td>4</td>
</tr>
<tr>
<td>SS 120</td>
<td>Introductory Soil Science</td>
<td>4</td>
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</tbody>
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### Emphasis Area

Select one emphasis area: 13-16 units

#### Irrigation Emphasis

Select 13 units from the following:

- BRAE 237  Introduction to Engineering Surveying
- BRAE 239  Engineering Surveying
- BRAE 337  Landscape Irrigation
- BRAE/NR 349 Water for a Sustainable Society
- BRAE 405  Chemigation
- 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 15 units from the following:

- AG 452  Issues Affecting California Agriculture
- AGB 312  Agricultural Policy
- AGB 412  Advanced Agricultural Policy
- BIO/NR/SS 421  Wetlands
- BRAE/NR 349 Water for a Sustainable Society
- CRP/NR 404  Environmental Law
- NR 320  Watershed Processes and Management
- NR 435  Environmental Policy Analysis
- POLS 332  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
- ERSC 442  Applied Environmental Groundwater Hydrology
- ERSC 443  Applied Environmental Contaminant Transport
- NR 306  Natural Resource Ecology and Habitat Management
- or NR 305  Forest Ecology and Silvics
- NR 320  Watershed Processes and Management
- NR 420  Watershed Assessment and Protection
- SS 440  Forest and Range Soils

### Total units

25-28