# WATER SCIENCE MINOR

## Required Courses
- **BRAE 340** Irrigation Water Management 4
- **NR/CRP 408** Water Resource Law and Policy 3
- **SS 120** Introductory Soil Science 4

## Emphasis Area
Select one emphasis area: 13-16

### 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 16 units from the following:
- **AGB 312** Agricultural Policy
- **AGB 412** Advanced 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
- **ERSC 442** Applied Environmental Groundwater Hydrology
- **ERSC 443** Applied Environmental Contaminant Transport
- **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

**Total units** 24-27