# 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**