## WATER SCIENCE MINOR

### Required Courses
- BRAE 340  Irrigation Water Management  4
- NR 408  Water Resource Law and Policy  3
- SS 121  Introductory Soil Science  4

### Emphasis Area
Select one emphasis area:  13-18

#### Irrigation Emphasis
- Select 13 units from the following:
  - BRAE 237  Introduction to Engineering Surveying
  - 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
  - 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