### 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
- 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
- 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