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 or BRAE 239 Introduction to 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