

# WATER SCIENCE MINOR

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## Required Courses

BRAE 340	Irrigation Water Management	4
NR/CRP 408	Water Resource Law and Policy	4
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 337	Landscape Irrigation
BRAE/NR 349	Water for a Sustainable Society
BRAE 405	Chemigation
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 15 units from the following:

AG 452	Issues Affecting California Agriculture
AGB 312	Agricultural Policy
AGB 412	Advanced Agricultural Policy
BIO/NR/SS 421	Wetlands
BRAE/NR 349	Water for a Sustainable Society
CRP/NR 404	Environmental Law
NR 320	Watershed Processes and Management
NR 435	Environmental Policy Analysis
POLS 332	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
or NR 305	Forest Ecology and Silvics
NR 320	Watershed Processes and Management
NR 420	Watershed Assessment and Protection
SS 440	Forest and Range Soils

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**Total units** 25-28