

2011-13 Cal Poly Catalog**College of Agriculture, Food and Environmental Sciences****WATER SCIENCE MINOR**

BioResource and Agricultural Engineering
Bldg. 08, Room 101, 805 756-2378

Coordinator: Stuart W. Styles

The minor emphasizes one of three areas of study: irrigation, water policy, or watershed management. In California, 85% of the developed water is used for irrigation. Irrigation water use and management have tremendous impacts upon ground water quality, power usage, crop yields, surface water supplies and quality, drainage problems, and water availability for transfer to urban uses. For students interested in the environment and water, the Water Science minor provides marketable skills.

Required core courses

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

Select one emphasis area 13-18

Irrigation Emphasis (13)

Select 13 units from the following:

BRAE 237 or 239,
BRAE 312, 331, 337, 405, 414, 435, 438, 439,
440, 532, 533

Water Policy Emphasis (17-18)

AGB 312 (4)
AGB 315 Land Economics (4)
AGB 409 California Agricultural Law (4) *or*
NR 404 Environmental Law (3)

BIO/NR/SS 421 (4)
NR 320 Watershed Mgt and Restoration (4)
NR 435 Natural Resources Policy Analysis (4)
POLS 333 (4), POLS 351 (4)
SS 433 Land Use Planning (3)

Watershed Management Emphasis (16)

BIO/NR/SS 421 (4)
ERSC 202 (4)
NR 306 Natural Res Ecology/Habitat Mgt (4)
NR 320 Watershed Management (4)
NR 420 Advanced Watershed Hydrology (4)
SS 440 Forest and Range Soils (4); SS 442 (4)

(9/23/16)

24-29