The Water Science 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
- FNR 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 331, 405, 435, 438, 439, 440, 532

- **Water Policy Emphasis (17-18)**
  - AGB 315 Land Economics (4)
  - AGB 409 California Agricultural Law (3) or
  - FNR 404 Environmental Law (3)
  - FNR 320 Watershed Mgt and Restoration (4)
  - FNR 435 Natural Resources Policy Analysis (4)
  - SS 433 Land Use Planning (3)

- **Watershed Management Emphasis (16)**
  - FNR 306 Natural Res Ecology/Habitat Mgt (4)
  - FNR 320 Watershed Management (4)
  - FNR 420 Advanced Watershed Hydrology (4)
  - SS 440 Forest and Range Soils (4)

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