RANGELAND RESOURCES MINOR
Earth and Soil Sciences
Bldg. 52, Room C43, (805) 756-2261
Coordinator: Brent G. Hallock
Managing productive and sustainable rangelands, incorporating knowledge of rangeland ecosystems and applying this to grazing animal systems are the main objectives of this interdisciplinary program. The Earth and Soil Sciences and the Animal Science Departments sponsor this minor. Students learn to develop ranch water quality plans and a holistic approach to management. The courses provide knowledge and experience regarding the interactions of plants, animals, water, and soil to improve rangeland health. Careers associated with this minor are rangeland specialists, ecologists, wildland managers, ranchers, and environmental specialists. This minor offers sufficient courses to allow students to meet the educational requirements for Certified Rangeland Manager.

Before being admitted to the program, students must have successfully completed the following courses:

BOT 121 or BIO 162, GE Area B1 MATH course, SS 121.

Required courses. At least one-half of the units must be 300-400 level. Select courses with advisor approval.

Range Resource Area .............................................. 7-8
   ASCI 329 (4) and AG 360 (4)
   (Winter 2011)
Rangeland Animal Management Area.
   Select one course from: ................................. 4
   ASCI 223/311/339; BIO 427
Rangeland Plant Physiology Area ............................ 4
   BIO 435
Rangeland Ecology Area. Select one course from: 4
   BOT 326; NR 306; PPSC 321
Rangeland Measurements Area.
   Select one course from: ................................. 4
   BIO 419; CRSC 411; ERSC 202; SS 321/440
Rangeland Policy/Planning Area.
   Select one course from:
   ASCI 476; CRP 342/404/408; NR 404/408; SS 433

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