

RANGELAND RESOURCES MINOR

2007-09 Cal Poly Catalog

College of Agriculture

**Agricultural Sciences Bldg. (11), Room 211
(805) 756-2161, FAX: (805) 756-6577**

Managing productive and sustainable rangelands, incorporating knowledge of rangeland ecosystems and applying this to grazing animal systems is the main emphasis 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 to develop a holistic approach to management. The courses are intended to 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: BOT 121 *or* BIO 162, GE Area B1 MATH course, SS 121.

Required courses. *At least one-half of the units must be at the 300-400 level. Courses to be selected with advisor approval.*

Range Resource Area	7
ASCI 329 and AG 360	
Rangeland Animal Management Area.	
Select one course from:	4
ASCI 223/311/339/490; BIO 427	
Rangeland Plant Physiology Area	4
BIO 435	
Rangeland Ecology Area. Select one course from:	4
BOT 326; FNR 306; PPSC 321	
Rangeland Measurements Area.	
Select one course from:	4
BIO 419; CRSC 411; ERSC 202; SS 321/440	
Rangeland Policy/Planning Area.	3
Select one course from:	
ASCI 476; CRP 342/404/408; FNR 404/408;	
SS 433	