

RANGELAND SCIENCE OPTION

This option is offered within the following major(s):

- Animal Sciences - College of Agricultural Sciences (<http://catalog.oregonstate.edu/college-departments/agricultural-sciences/animal-rangeland-sciences/animal-sciences-bs-hbs>)

Rangeland science is about the study and sustainable management of landscapes across a variety of biomes from the very arid such as deserts to the moderately mesic such as grasslands. Students working in rangeland ecosystems will gain knowledge and skills to bolster their career success.

Note: Completion of the Rangeland Ecology and Management minor alone does not qualify students for rangeland conservationist positions with the U.S. Office of Personnel Management (OPM).

28 credits are required for the option; 15 of which must be at the upper-division level.

Code	Title	Hours
Animal Sciences		
ANS 435	APPLIED ANIMAL BEHAVIOR	3
ANS 436	SHEEP PRODUCTION SYSTEMS	3
ANS 445	BEEF PRODUCTION SYSTEMS	4
Rangeland Science		
RNG 341	RANGELAND ECOLOGY AND MANAGEMENT	3
RNG 355	DESERT WATERSHED MANAGEMENT	4
RNG 421	WILDLAND RESTORATION AND ECOLOGY	4
or RNG 441	RANGELAND ANALYSIS	
RNG 442	RANGELAND-ANIMAL RELATIONS	4
RNG 490	RANGELAND MANAGEMENT PLANNING	4
Prerequisites and/or Other Recommended Course Work		
ANS 215	BEEF/DAIRY INDUSTRIES (Prerequisite for ANS 445)	
ANS 216	SMALL RUMINANT/SWINE INDUSTRIES (Prerequisite for ANS 436)	
RNG 353	WILDLAND PLANT IDENTIFICATION	
RNG 455	RIPARIAN ECOHYDROLOGY AND MANAGEMENT	
RNG 470	PASTORAL SYSTEMS OF THE WORLD	
Total Hours		29

Option Code: 712