

Rangeland Conservation Specialist Option

A course of study is available for those students who wish to work in range management careers, typically with a state or federal agency. The courses listed here are in addition to the General Education requirements of the university. Your advisor may recommend Specific General Education courses. Latest update: 5 August 2009. Advisor: [Dr. Jordana LaFantasie](#).

	Credit Hours
Tier I: * required course for Biology majors	
* BIOL 180/180L Principles of Biology/Lab [fall and spring]	4
* BIOL 325/325L Genetics/Lab [fall and spring]	4
At least 2 of the following required	
BIOL 250/250L Introductory Botany/Lab [fall and spring]	4
BIOL 260/260L Introductory Zoology/Lab [fall and spring]	4
BIOL 490/490L General Microbiology/Lab [spring only]	5
Tier II: at least 4 courses required (* required for option)	
BIOL 330/330L Plant Anatomy/Lab [spring only; even-numbered years]	4
BIOL 345/345L Human Anatomy/Lab [spring only]	4
BIOL 346/346L Human Physiology/Lab [fall only]	4
BIOL 395/395L Ecology/Lab [spring only]	4
BIOL 420 Evolution [fall only; odd-numbered years]	3
BIOL 435/435L Cellular Biology/Lab [spring only]	4
BIOL 450/450L Comparative Anatomy/Lab [fall only; even-numbered years]	5
BIOL 495/495L Plant Physiology/Lab [spring only; odd-numbered years]	4
BIOL 620/620L Biostatistics/Lab [fall only]	4
Tier III: selected with significant advisor discretion	
BIOL 607 Field Study Range Plants	2
BIOL 610/610L Taxonomy of Flowering Plants/Lab [fall only]	4
BIOL 634 Range Planning	3
BIOL 636 Ecological and Range Techniques	3
BIOL 637 Range Condition and Improvement	3
BIOL 638 Range Plants [fall only]	3
BIOL 665 Biodiversity and Conservation Biology [spring only]	3
BIOL 695 Range Management	3
BIOL 697 Wildlife Management	4
Cognates: * required course for option	
AGRI 215 Soils	4
AGRI 306 Pasture and Forage Crops	3
AGRI 610 Beef Cattle Production	3
AGRI 625 Soil and Water Management	3
AGRI 631 Development and Classification of Soils	3
* CHEM 112/112L General Chemistry I/Lab	3 (Gen Ed)
* CHEM 114/114L General Chemistry II/Lab	3 (Gen Ed)
* GSCI 240 Introduction to GIS	3
* MATH 331 Calculus Methods	3 (Gen Ed)
Additional General Education Courses	46

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