

# 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](#).

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

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