

# Rangeland Resources Major Degree Plan

Students should meet regularly with their faculty advisor and carefully plan their academic program, keeping in mind that many upper-division courses have prerequisites and must be taken in sequence. Students following the recommended schedule listed below should be able to complete degree requirements in four years (eight semesters).

## A. First Year (28 credits)

### Fall Semester (14 credits)

<b>BIOL 1610</b> Biology I .....	4
<b>ECN 1500 (BAI)</b> Introduction to Economic Institutions, History, and Principles (or other approved Breadth American Institutions course) .....	3
<b>ENGL 1010 (CL1)</b> Introduction to Writing: Academic Prose .....	3
<b>ENVS 2340 (BSS)</b> Natural Resources and Society (or other approved Breadth Social Sciences course) .....	3
<b>WILD 2000</b> Introduction to Wildland Resources.....	1

### Spring Semester (14 credits)

<b>BIOL 1620 (BLS)</b> Biology II.....	4
<b>MATH 1050 (QL)</b> College Algebra.....	4
<b>USU 1320 (BHU)</b> Civilization: Humanities (or other approved Breadth Humanities course) .....	3
<b>USU 1330 (BCA)</b> Civilization: Creative Arts (or other approved Breadth Creative Arts course) .....	3

## B. Second Year (32 credits)

### Fall Semester (16 credits)

<b>CHEM 1110 (BPS)</b> General Chemistry I (4 cr) or <b>CHEM 1210</b> Principles of Chemistry I (4 cr).....	4
<b>MATH 1100 (QL)</b> Calculus Techniques .....	3
<b>NR 2220</b> General Ecology.....	3
Approved Depth Humanities and Creative Arts (DHA) course .....	3
General Elective course(s) .....	3

### Spring Semester (16 credits)

<b>ADVS 2080</b> Beef and Dairy Herd Health and Production Practices (3 cr) or <b>ADVS 2090</b> Sheep Production Practices (2 cr).....	2 or 3
<b>CHEM 1115</b> General Chemistry Laboratory (1 cr) or <b>CHEM 1215</b> Chemical Principles Laboratory I (1 cr).....	1
<b>CHEM 1120 (BPS)</b> General Chemistry II (4 cr) or <b>CHEM 1220 (BPS)</b> Principles of Chemistry II (4 cr).....	4
<b>ENGL 2010 (CL2)</b> Intermediate Writing: Research Writing in a Persuasive Mode.....	3
<b>STAT 2000 (QI)</b> Statistical Methods (3 cr) or <b>STAT 3000 (QI)</b> Statistics for Scientists (3 cr) .....	3
Degree Program Elective course(s) .....	3

## C. Third Year (32 credits)

### Fall Semester (15 credits)

<b>APEC 3012 (DSS)</b> Introduction to Natural Resource and Regional Economics.....	3
<b>PSC 3000<sup>1</sup></b> Fundamentals of Soil Science .....	4
<b>WILD 3600</b> Wildland Plant Ecology and Identification .....	4
<b>WILD 3610</b> Wildland Animal Ecology and Identification.....	4

### Spring Semester (17 credits)

<b>BIOL 4421</b> Plant Taxonomy I .....	2
<b>WATS 3700 (CI)</b> Fundamentals of Watershed Science.....	3
<b>WILD 3800</b> Wildland Ecosystems .....	3
<b>WILD 3810</b> Plant and Animal Populations.....	3
<b>WILD 4000</b> Principles of Rangeland Management .....	3
Degree Program Elective course(s) .....	3

## D. Fourth Year (30 credits)

### Fall Semester (17 credits)

<b>BIOL 4422</b> Plant Taxonomy II .....	1
<b>ENVS 3010</b> Fundamentals of Natural Resource and Environmental Policy.....	3
<b>ENVS 4000 (DSS)</b> Human Dimensions of Natural Resource Management .....	3
<b>PSC 5130</b> Soil Genesis, Morphology, and Classification .....	4
<b>WILD 4750 (CI)</b> Monitoring and Assessment in Natural Resource and Environmental Management .....	3
<b>WILD 4850</b> Vegetation and Habitat Management.....	3

### Spring Semester (13 credits)

<b>WILD 4910</b> Assessment and Synthesis in Natural Resource Science .....	3
Degree Program Elective courses.....	10

<sup>1</sup>Students enrolling for PSC 3000 should sign up for the Tuesday 9:30 a.m. lab and talk to the instructor.