

Major/Degree: Rangeland Resource Science BS with a Concentration in Wildland Soil Science

Units for the major: 86 Total units: 120 units are required for a BS degree

Major Academic Plans (MAP) show a general recommended pathway to graduation. Meet with your major advisor each semester to discuss your progress and degree plan for future semesters. Consult the HSU catalog for complete list of major program courses. See the current schedule of classes for courses offered in General Education, American Institutions, and Diversity & Common Ground requirements. This MAP is based on the 2020-21 catalog.

Freshman Year

Fall (semester 1)			Spring (semester 2)		
Description	Course	Units	Description	Course	Units
LD GE A1 or A2 [1]	ENGL 104 (+ optional ENGL 110) or COMM 100	3-4	LD GE A1 or A2 [1]	ENGL 104 (+ optional ENGL 110) or COMM 100	3-4
LD GE B: Life & Major	BOT 105 General Botany	4	LD GE B: Phys; Major	CHEM 107 Fundamentals of Chemistry	4
LD GE B: Math; Major [1]	STAT 109 Introductory Biostatistics	4	LD GE C1 or C2 [4]		3
LD GE E; Major	SCI 100 Becoming a STEM Professional	3	Major [Core]	PHYX 106 College Physics [7]	4
Semester Total: 14-15			Semester Total: 14-15		

Sophomore Year

Fall (semester 3)			Spring (semester 4)		
Description	Course	Units	Description	Course	Units
American Institutions [2]	HIST 110, HIST 111 or NAS 200	3	Major [Core]	BIOL 105 Principles of Biology	3
LD GE C1 or C2 [4]		3	Major [Core]	GSP 216 OR GSP 270	3
LD GE D; Major	GSP 101 & GSP 101L	3	LD GE C1 or C2 [4]		3
Major [Core]	SOIL 260 Introduction to Soil Science	3	LD GE D; Major Core	ESM 105 Natural Resource Conservation	3
LD GE A3 [1]		3	UD GE B; Major [Core]	RRS 306 Wildland Resource Principles	3
Semester Total: 15			Semester Total: 15		

Junior Year

Fall (semester 5)			Spring (semester 6)		
To Do: Apply to graduate.			To Do: Take the GWPE.		
Description	Course	Units	Description	Course	Units
Major [Core]	SOIL 360 Origin & Classification or Soils	3	UD GE C [4]		3
Major [Core]	RRS 375 Vegetation Analysis & Health	3	Major [Concentration]	BOT 350 Plant Taxonomy	4
American Institutions	FOR 359 CA & US Forest & Wildland Policy	3	Major [Concentration]	RRS 360 Wildland Plant Communities	3
Major [Concentration]	approved elective [6]	3	Major [Concentration]	RRS 370 Wildland Ecology Principles	3
Major [Concentration]	approved elective [6]	3			
Semester Total: 15			Semester Total: 13		

Senior Year

Fall (semester 7)			Spring (semester 8)		
			To Do: Register for commencement.		
Description	Course	Units	Description	Course	Units
Major [Core]	FOR 315	3	Major [Core]	WSHD 310	4
Major [Core]	BOT 310 General Plant Physiology	4	Major [Core]	ESM 305 Environmental Conflict Resolution	3
Major [Concentration]	approved elective [6]	3	Major [Core]	SOIL 460 Wildland Soil Mgmt & Erosion Control	3
Major [Concentration]	approved elective [6]	3	Major [Concentration]	approved elective [6]	3
			Major [Concentration]	approved elective [6]	3
Semester Total: 13			Semester Total: 16		

A1=Written Communication; A2 = Oral Communication; A3 = Critical Thinking; C1 = Arts; C2 = Humanities;

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Notes

[1] Requirement: Complete LD GE A1, A2, A3 & B: Math with C- or higher in each course; Complete by 60 units earned.

[2] One American Institution course will also count for LD GE D.

[3] Science Lab Requirement: Take one science course with a lab.

[4] Complete 2 DCG courses, (one must be domestic) with courses that also meet GE.

[5] For Fire Emphasis - choose FOR 321

[6] Courses depend on emphasis area chosen (Botany, Earth Sciences, Ecological Restoration or Sustainable Agriculture, consult with degree advisor and/or 5-year course rotations. Many courses are offered in alternate semesters or years. Several emphases require 1-2 fewer units than shown on this MAP. Please refer to the program description in the university catalog for details.

[7] PHYX 106 has prerequisites of MATH 101T or MATH 102 or equivalent.

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