



Office of
Transfer Relations

Catalog: 2026-2027 University of Wyoming Catalog
Program: Rangeland Ecology and Watershed
Management, B.S.

Wyoming Transfer Alignment Guide (WyoTAG)

Rangeland Ecology and Watershed Management, B.S.

Rangeland Ecology and Watershed Management provides you with the knowledge, skills, and tools to understand and manage range- and wild-lands in a diversity of landscapes and ecosystems.

Degree Requirements

This degree requires 120 credits, 42 of which are upper-division credits.

University Studies Program

This degree requires that The University Studies Program 2015 requirements are met before graduation. Some of the courses required for this major fulfill USP requirements, but not all. Students should check their degree evaluations and consult with their assigned academic advisor to discuss their specific course plan.

Course Name	Credits	UW Course in Major	AA/AS/AB/ADN satisfies this USP
C 1-Communication 1 (U5C1) (COM1)	3		X
C 2-Communication 2 (U5C2) (COM2)	3		X
C 3-Communication 3 (U5C3) (COM3)	3	(Must be completed at UW)	
Q-Quantitative Reasoning (U5Q)	3		X
PN-Physical and Natural World (1) (U5PN)	3		X
PN-Physical and Natural World (2) (U5PN)	3		X
H-Human Culture (1) (U5H)	3		X
H-Human Culture (2) (U5H)	3		X
V-US & WY Constitution (U5V)	3		X
FYS or USP Elective-Any 3-credit hour of FYS or 3-credit hours of USP electives	3		X

Note: FYS courses have been paused. 3 hours from any additional USP designated courses is still required.

Core Requirements (Courses must be completed with a grade of C or better): 58 Hours

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
LIFE 2022 - Animal Biology OR LIFE 2023 - Biology of Plants and Fungi	4	Note 1 OR Note 2	Note 1		Note 1 OR Note 2	Note 1 OR Note 2	Note 2	Note 1 OR Note 2
AGEC 4700 - Economics of Range Resources	3							
LIFE 3400 - General Ecology	3							
REWM 2000 - Principles of Rangeland Management	3	X	X	X	X	X	X	X
REWM 2400 - Range Ecosystems and Plants	4				X			
REWM 3000 - Plant Ecophysiology/Plant Form and Function	4							
REWM 3100 - Principles of Wildland Water Quality	3							
REWM 4100 - Nutritional Ecological Management of Range Herbivores	3							
REWM 4285 - Wildland Hydrology	4							
REWM 4330 - Rangeland Ecosystem Assessment and Monitoring	4							
REWM 4530 - Seminar	1							
REWM 4700 - Wildland Watershed Management	3							
REWM 4830 - Ecological Applications for Wildland Management	3							
REWM 4850 - Rangeland Vegetation Management Techniques	3							

Core Requirements (Courses must be completed with a grade of C or better): 58 Hours Continued

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
REWM 4900 - Rangeland Management Planning C3	3							
SOIL 2010 - Introduction to Soil Science	4	X	X	X	X	X	X	
SOIL 4120 - Genesis, Morphology and Classification of Soils	4							
REWM 4130 - Applied Remote Sensing OR GIST 2310 - Intro to Geographic Information Systems	3-4		Note 3		Note 3	Note 3	Note 3	

Additional Requirements (15 of these credit hours fulfill USP requirements): 18 Hours

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
CHEM 1000 - Introductory Chemistry PN	4	X	X	X	X	X	X	X
AGEC/ECON 1020 - Principles of Microeconomics H	3	X	X	X	X	X	X	X
LIFE 1010 - General Biology PN	4	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4	Note 4
MATH 1400 - College Algebra Q	3	X	X	X	X	X	X	X
STAT 2050 - Fundamentals of Statistics Q	4	X	X	X	X	X	X	X

Free Electives: 29 Hours

Remaining credit hours fulfilled by USP requirements: 15 Hours

Notes:

Note 1 UW LIFE 2022 = BIOL 2022 at WYCCs

Note 2 UW LIFE 2023 = BIOL 2023 at WYCCs

Note 3 UW GIST 2310 = GIST 2310 at WYCCs

Note 4 UW LIFE 1010 = BIOL 1010 at WYCCs

COURSE SUBSTITUTIONS: WyoTAGs reflect published equivalencies. UW academic departments occasionally arrange for course substitutions when indirect equivalencies exist. Please contact your UW Academic Advisor for details.

EFFECTIVE DATE: This document is in effect as of the 2026-2027 catalog year; it reflects the published UW curriculum as of that date. Any changes to the UW curriculum or the WYCC course equivalents will require this document to be updated. To request an updated document, faculty should contact transfer@uwyo.edu via email.