



Office of
Transfer Relations

Catalog 2026-2027 University of Wyoming Catalog
Program Environment & Natural Resources B S or
Concurrent Major

Wyoming Transfer Alignment Guide (WyoTAG)

Environment & Natural Resources' B) S) or Concurrent Major

Environment & Natural Resources (ENR) students will gain depth and breadth across a range of interdisciplinary fields that engage with complex ENR ideas and challenges, with the goal of integrating across fields of study.

Degree Program Requirements

This major requires a minimum of 44 credits (primary) or 38 (concurrent), of which are upper-division credits. All undergraduate students in ENR complete their coursework in conjunction with another major in any discipline. See "An Approved Major in Any Discipline" section for more details. Students must satisfy USP requirements in accordance with their primary program. Additionally, students need a minimum of 120 total credits, including 42 upper-division credits to graduate from UW.

Program Overview

Students can choose to pursue:

- a concurrent major in ENR, earned alongside an approved baccalaureate degree in any other discipline, or
- B.S. in ENR, earned alongside an additional major in any other discipline.

The ENR curriculum is designed to prepare students to demonstrate learning in six key areas:

1. Specialization & Integration - Students will complement their disciplinary depth with broad exposure to ENR-related disciplines and approaches.
2. Spatial & Temporal Perspectives - Students will understand the temporal and spatial characteristics of ENR challenges.
3. Policy - Students will recognize the content and implications of past and current ENR policies.
4. Cultures & Values - Students will appreciate the diversity of ENR perspectives and experiences, including the role of personal and collective value systems.
5. Complexity, Risk, & Uncertainty - Students will understand that ENR problems inherently involve complexity, risk, and uncertainty.
6. Professional & Academic Skills - Students will acquire specific skills necessary to succeed in a range of ENR professions and/or graduate and professional school, especially proficiency in written and oral communication, applied problem solving, and collaboration.

All undergraduate students in ENR complete their coursework in conjunction with another major in any discipline.

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 (COM1)	3		X
C 2-Communication 2 (COM2)	3		X
C 3-Communication 3 (COM3)	3	(Must be completed at UW)	
Q-Quantitative Reasoning (Q)	3		X
PN-Physical and Natural World (1) (PN)	3		X
PN-Physical and Natural World (2) (PN)	3		X
H-Human Culture (1) (H)	3		X
H-Human Culture (2) (H)	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.

17+ Credit Hours of ENR Core Courses

Foundations of Environmental Studies

Course Name	Credits	
ENR 1010 - Thinking Like a Mountain: complex environmental challenges and interdisciplinary solutions	1	UW Course

Foundations of Environmental Science (Choose one course):

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
ENR 1200 - Environment PN	4	X	Note 1				Note 1	
ENR/GEOL 1330 - Water, Dirt, and Earth’s Environment PN	4	X						

Course Name	Credits	
ESS 1000 - Wyoming in the Earth System PN	3	UW Course

Environment & Society

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
ENR 2000 - Environment and Society C2	3	X						

Approaches to Problem Solving

Course Name	Credits	
ENR 3000 - Approaches to ENR Problem Solving H	3	UW Course

Environmental Assessment

Course Name	Credits	
ENR 4900 - Capstone in ENR	3	UW Course

Professional Development (1 Credit Min. S/U Grading Only)

Course Name	Credits	
ENR 4970 - ENR Internship	1-6	UW Course

Satisfactory completion of a professional and applied experience required prior to enrollment. No more than 6 total credits of ENR 4970, ESS 4970, or ORTM 4970 can be applied across multiple Haub programs. All prefixes are interchangeable and are accepted for any Haub program.

21+ Credit Hours of ENR Disciplines Courses

Courses taken to satisfy one discipline cannot apply toward another.

Economics (Choose one course):

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
ECON 2400 - Economics of the Environment C2	3	X						

Course Name	Credits	
GEOG 3050 - Economic Geography	3	UW Course
ECON/ERS 3400 - Energy Markets & Policy	3	UW Course
AGEC/ENR 3750 - Natural Resource Planning and Economics	3	UW Course
ECON 4400 - Environmental Economics	3	UW Course
AGEC 4700 - Economics of Range Resources	3	UW Course
AGEC 4720 - Water Resource Economics	3	UW Course
ENR 4560 - Conservation Entrepreneurship	3	UW Course

Environmental Management (Choose one course):

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
REWM 2000 - Principles of Rangeland Management	3	X	X	X	X	X	X	X
ENR/RNEW 2100 - Forest Management	3						Note 2	Note 2
ENR/ZOO 2450 - Fish and Wildlife Management in the Anthropocene C2	4	X		X	X	X	X	

Course Name	Credits	
ERS 3010 - Air Quality Management	3	UW Course
ENR/GEOG 4040 - Conservation of Natural Resources	3	UW Course
GEOG 4080 - Management of Major River Basins	3	UW Course
REWM 4200 - Reclamation of Drastically Disturbed Lands	3	UW Course
CE/CHE/ENR 4430 - Green Chemistry and Global Environmental Problems	3	UW Course
ENR 4570 - Climate Change Responses	3	UW Course
REWM 4700 - Wildland Watershed Management	3	UW Course
REWM 4710 - Watershed Water Quality Management	3	UW Course

Data Analysis (Choose one course):

Course Name	Credits	Casper	CWC	EWC	LCCC	NWCCD	Northwest	Western
GIST 2140 - Survey of Remote Sensing Applications PN	3	X						
GIST 2200 - Spatial Data Visualization	3			X				
GIST 2310 - Intro to Geographic Information Systems	4		X		X	X	X	

Course Name	Credits	
COMP 3250 - Storytelling with Data	3	UW Course
STAT 3050 - Statistical Methods	3	UW Course
GIST 3140 - Introduction to Remote Sensing Q	3	UW Course
ESS 4001 - Analysis of Nature's Data	3	UW Course
GIST 4211 - Advanced Remote Sensing	3	UW Course
ENR/GEOL 4525 - Environmental Data Analysis	4	UW Course
AGEC/ENR 4550 - Negotiation Analysis	3	UW Course
GIST/PLNT/REWM 4130 - Applied Remote Sensing	3	UW Course
REWM 4600 - Drone-Based Remote Sensing	3	UW Course

Physical & Natural Science (Choose one course):

Course Name	Credits	
ATSC 2100 - Global Warming: The Science of Humankind's Energy Consumption Impacting Climate PN	3	UW Course
ENR/REWM 3100 - Principles of Wildland Water Quality	3	UW Course
ENR/SOIL 3130 - Environmental Quality	3	UW Course
LIFE 3400 - General Ecology	3	UW Course
ENR/GEOG/GEOL 3450 - Weather and Climate	3	UW Course
ESS/GEOG/GEOL 3480 - Environmental Change	3	UW Course
ENR/REWM 4285 - Wildland Hydrology	3	UW Course
REWM 4440 - Applied Fire Ecology	3	UW Course
GEOG/GEOL 4470 - Fire Ecology	3	UW Course
GEOG 4460 - Biogeography	3	UW Course

Policy (Choose one course):

Course Name	Credits	
ECON/ERS 3400 - Energy Markets & Policy	3	UW Course
AMST/ENR/GEOG/POLS/REWM 4051 - Environmental Politics	3	UW Course
AMST/ENR/GEOG/POLS/REWM 4052 - Federal Land Politics	3	UW Course
INST/POLS 4385 - Environment and Resource Conflict	3	UW Course
INST/POLS 4455 - Energy Security	3	UW Course
INST/POLS 4475 - Politics of Natural Resources in Latin America	3	UW Course
ERS 4482 - Global Climate Governance H	3	UW Course
GEOG/INST/POLS 4555 - Political Ecology	3	UW Course
ENR 4750 - ENR Law and Policy	3	UW Course
CRMJ/ENR/SOC 4590 - Green Criminology	3	UW Course

Cultures & Values (Choose one course):

Course Name	Credits	
ENR/PHIL 2330 - Environmental Ethics	3	UW Course
AMST/ENR/GWST 3050 - Cultures of Nature in the United States	3	UW Course
GEOG/NAIS 3400 - Traditional Ecological Knowledge	3	UW Course
ENR/SOC 3950 - Environmental Sociology	3	UW Course
AMST/ENR 4030 - Ecology of Knowledge	3	UW Course
ANTH/ENR 4310 - Environmental Anthropology	3	UW Course
ENR/HIST 4412 - Global Environment History H	3	UW Course
ENR 4700 - Media, Science, and Society	3	UW Course
ENR 4320 - Experience of Place	3	UW Course

ENR Electives

(Select from the following, minimum three credits required):

Any course with code ENR 1000-4999, not already used above. Be cautious of cross-listed offerings as you cannot receive duplicate credit.

An Approved Major in Any Discipline

All undergraduate students in ENR complete their coursework in conjunction with another major in any discipline. Students can choose to pursue:

- a concurrent major in ENR, earned alongside an approved baccalaureate degree in any other discipline, or
- B.S. in ENR, earned alongside an additional major in any other discipline.

6+ Credit Hours of Haub School Requirements Courses (for B S ENR only)

Students earning a B.S. in ENR with their degree awarded from the Haub School must additionally complete 6 credit hours of Haub School Requirements:

1. US Cultures and Communities (choose one course)
2. Global Awareness (choose one course)

Additional Requirements

Students complete additional credit hours in consultation with advisor(s) if needed to meet minimum credits to earn a B.S. in ENR (minimum 120 credits, including 42 upper division credits) or to meet primary degree requirements.

Additionally, students must:

- earn a C or better in all courses fulfilling program requirements - including Haub School U.S. Diversity and Global Awareness courses, and degree, major, and/or minor courses;
- earn 12 credits unique to each program when enrolled in multiple Haub School programs;
- meet University of Wyoming requirements for earning a bachelor's degree, including, but not limited to, completion of University Studies Program and maintaining minimum 2.0 GPA for good academic standing and graduation.

Notes

Note 1: BIOL 1080 is equivalent to ENR 1200.

Note 2: REWM 2100 is equivalent to ENR/RNEW 2100.

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.