

# 2025-2026 Block Transfer Map: Qualifying Transfer Associate Degree from a Wyoming Community College to the University of Wyoming

## Energy Resource Management and Development, Energy & Environmental Systems, B.S.

This Block Transfer has been written for students who have earned a qualifying transfer associate degree (*Associate of Arts (AA)*, *Associate of Science (AS)*, *Associate of Business (AB)*, or *Associate Degree in Nursing (ADN)*) with a minimum of sixty (60) credits in any major from one of the Wyoming Community Colleges (WYCC) who wish to complete the Bachelors in Energy Resource Management and Development, Energy & Environmental Systems at the University of Wyoming (UW).

While some of the courses taken for the associate degree at the Community College are not specified in this document, the UW degree program relies on the foundational coursework completed for the associate degree to prepare the student for baccalaureate-level study.

Students may create a [WyoTransfer](#) account now to see how all completed coursework fulfills specific degree requirements.

Courses/categories that must be taken at UW are highlighted in GOLD. If a student wishes to take any of these courses at another institution, they must speak with their UW academic adviser.

### **BLOCK 1: University Studies Program (USP) Requirements**

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.

Please refer to the [University Catalog](#) and click on the link in the left-hand navigation pane titled “The University Studies Program 2015” for more information.

A grade of C or above is required for University Studies Program (USP) categories: FYS, C1, C2, and C3.

USP Requirement		UW Course in Major
C1	Communication 1 (3cr)	ENGL 1010 <i>Offered at all WyoCC's</i>
C2	Communication 2 (3cr)	See list of Approved C2 coursework listed on pg. 3.
C3	Communication 3 (3cr)	See list of approved C3 coursework listed on pg. 4.
Q	Quantitative Reasoning (3cr)	MATH 2200 <i>Offered at all WyoCC's</i>
PN	Physical and Natural World 1 (3cr)	CHEM 1000 <i>Offered at all WyoCC's</i>
PN	Physical and Natural World 2 (3cr)	ENR/ERS 1000
H	Human Culture 1 (3cr)	AGEC/ECON 1020 <i>Offered at all WyoCC's</i>
H	Human Culture 2 (3cr)	ECON/ERS 1300
V	U.S. & WY Constitution (3cr)	POLS 1000 <i>Offered at all WyoCC's</i>
	Any 3-credit hour of FYS or 3-credit hours of USP electives (3cr)	Satisfied upon completion of qualifying associate degree

### **Energy Resource Management and Development, Energy & Environmental Systems Concentration, B.S.**

EES majors can become environmental scientists who collect samples of air, soil, & water to identify environmental impacts, resolve environmental threats, & provide guidance on quality regulation and manage natural resources.

## BLOCK 2: Lower Division Requirements

### University of Wyoming Requirements:

- Total minimum credits required (including transfer credit) is 120 credits.
- Students must complete 42 hours of upper division (3000-level or above) coursework, 30 of which must be taken in residence at UW.
- No more than 4 credits of physical activity may be applied to the minimum credit hour requirement for UW baccalaureate degree.
- Minimum Cumulative GPA is 2.00.
- The UW Office of the Registrar provides final approval of degree completion requirements prior to the awarding of any degree.

UW Courses	Casper College	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College District	Northwest College Wyoming	Western Wyoming Community College
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### EES Curriculum Requirements:

*Students must earn a letter grade of C or better in each course and a cumulative GPA of 2.000 or better.*

ACCT 2010 - Principles of Accounting I (3cr)	ACCT 2010						
AGEC/ECON 1020 - Principles of Microeconomics (3cr) (H)	AGEC 1020	ECON 1020	ECON 1020	AGEC 1020	AGEC 1020	AGEC 1020	ECON 1020
CHEM 1000 - Introductory Chemistry (4cr) (PN)	CHEM 1000						
ECON/ERS 1300 - Oil: Business, Culture, and Power (3cr) (H) (ASG)							
ENGL 1010 - College Composition and Rhetoric (3cr) (C1)	ENGL 1010						
ENR/ERS 1000 - Energy and Society (3cr) (PN)							
GIST 2200 - Spatial Data Visualization (3cr)			GIST 2200				
GIST 2310 - Intro to Geographic Information Systems (4cr)	GIST 1100	GIST 2310		GIST 2310	GIST 2310	GIST 2310	GIST 2310
LIFE 1010 – General Biology (4cr) (PN)	BIOL 1010						
LIFE 2023 – Biology of Plants and Fungi (4cr)	BIOL 2023			BIOL 2023	BIOL 2023	BIOL 2023	BIOL 2023
MATH 2200 - Calculus I (4cr) (Q)	MATH 2200						
PLNT 1000 – Agroecology (4cr) (PN)	AECL 1000						
POLS 1000 - American and Wyoming Government (3cr)	POLS 1000						
REWM 2000 - Principles of Rangeland Management (3cr)	REWM 2000						
REWM 2400 – Range Ecosystems and Plants (4cr)				REWM 2400			
SOIL 2010 – Introduction to Soil Science (4cr)	SOIL 2010						
STAT 2050 - Fundamentals of Statistics (4cr) (Q)	STAT 2050						

## BLOCK 2: Specified USP Course Options

UW Courses	Casper College	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College District	Northwest College Wyoming	Western Wyoming Community College
<b>COM2 Elective, Pick ONE</b>							
COMM 2010 - Public Speaking (3cr) (C2)	COMM 2010	COMM 2010	COMM 2010	COMM 2010	COMM 2010	COMM 2010	COMM 2010
ECON 2400 - Economics of the Environment (3cr) (C2) (ASG)	ECON 2400				ECON 2400		
ENGL 2005 - Writing in Technology and the Sciences (3cr) (C2)	ENGL 2005					ENGL 2005	ENGL 2005
ENR 2000 - Environment and Society (3cr) (C2) (ASG)	ENR 2000						
ENR/ZOO 2450 - Fish and Wildlife Management in the Anthropocene (4cr) (C2)	BIOL 2465			BIOL 2465	BIOL 2465	BIOL 2465	
ENR 3300 - Environmental Policy, Conservation and Development in India (3cr) (C2)							
ERS 3000 - Energy Project Outreach and Communications (3cr) (C2) (Recommended)							
GEOL 2220 - Communicating Earth Science (3cr) (C2)							
HP 2020 - Honors Colloquium II (3cr) (C2)							

## BLOCK 3: Upper Division Requirements

### EES Curriculum Requirements:

DSCI 4260 - Project Management (3cr)	
ENR 4750 - ENR Law and Policy (3cr)	
<b>OR</b>	
RMAL 3020 - Public Policy and Regulatory Considerations for Ranch & Rangeland Mgmt. (3cr) (AGEC 2020 will be waived)	
ERS 3010 - Air Quality Management (3cr)	
ERS 4120 - Federal Public Land Law (3cr)	
LIFE 3400 - General Ecology (3cr)	
PLNT 4070 - Weed Science and Technology (4cr)	
ENR/REWM 3100 - Principles of Wildland Water Quality (3cr)	
REWM 4200 - Reclamation of Drastically Disturbed Lands (3cr)	
REWM 4580 - Rangeland Restoration Ecology (3cr)	
REWM 4700 - Wildland Watershed Management (3cr)	
<b>OR</b>	
REWM 4710 - Watershed Water Quality Management (3cr)	
RMAL 4990 - Topics: Ranching in the West	

### BLOCK 3: Upper Division Requirements continued

UW Courses	Casper Colleges	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College	Northwest College Wyoming	Western Wyoming Community College
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#### \*C3 Elective, Pick ONE

COJO 3010 - Business and Professional Communication (3cr) (C3)							
ENGL 4010 - Technical Writing in the Professions (3cr) (C3)							
ENGL 4075 - Writing for Non-Profits (3cr) (C3)							
ENR 4900 - Capstone in ENR (3cr) (C3)					<i>Concurrent ENR majors must take ENR 4900</i>		
ESS 4950 - Exploring the Earth System (3cr) (C3)							
POLS 4840 - Seminar in Public Law (3cr) (C3)							
REWM 4900 - Rangeland Management Planning (3cr) (C3)							
ZOO 4100 - Scientific Communication (2cr) (C3)							

### BLOCK 4: Elective Options

#### Data Analysis Elective, Pick ONE

ENR 4500 - Risk Analysis (4cr)							
ENR/GEOL 4525 - Environmental Data Analysis (4cr)							
ES 1060 - Introduction to Engineering Problem Solving (3cr)	ES 1060	ES 1060		ES 1060	ES 1060	ES 1060	ES 1060
GEOL 2120 - Quantitative GeoMethods (3cr)							
GEOL 4250 - Mathematical Geosciences (3cr)							
GIST 4211 - Advanced Remote Sensing (3cr)							
IMGT 2400 - Introduction to Information Management (3cr) (Recommended)	IMGT 2400	IMGT 2400	IMGT 2400	IMGT 2400 <i>Pending</i>	IMGT 2400	IMGT 2400	IMGT 2400
RMAL 2040 - Quantitative Tools for Managing Agricultural Resources (3cr)							
STAT 3050 - Statistical Methods (3cr)							
ZOO 4400 - Population Ecology (3cr)							

## BLOCK 4: Elective Options Continued

UW Courses	Casper Colleges	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College	Northwest College Wyoming	Western Wyoming Community College
<b>Economics Elective, Pick ONE</b>							
AGEC/ENR 3750 - Natural Resource Planning and Economics (3cr)							
AGEC 4600 - Community Economic Analysis (3cr) (H)							
AGEC 4700 - Economics of Range Resources (3cr)							
AGEC 4720 - Water Resource Economics (3cr)							
ECON 4420 - Seminar: Economics for ENR (2-4cr)							
ERS/ECON 3400 - Energy Markets & Policy (3cr)							<i>Recommended</i>
<b>General Electives must take 11cr; 6cr must be upper division</b>							
CHE 2005 - Chemical Process Analysis (3cr)							
CHE 4050 - Unit Operations Laboratory II (3cr)							
DSCI 2100 - Introduction to Operations and Supply Chain Management (3cr)				<i>Pending</i>	<i>Pending</i>	<i>Pending</i>	<i>Pending</i>
ECON/AGEC 1010 - Principles of Macroeconomics (3cr) (H)	AGEC 1010 OR ECON 1010	ECON 1010	AGEC 1010 OR ECON 1010	AGEC 1010 OR ECON 1010	AGEC 1010 OR ECON 1010	AGEC 1010 OR ECON 1010	ECON 1010
ECON 4430 - Energy Economics (3cr)							
EDSE 3040 - Energy and Power Technology (3cr)							
ENR 1200 - Environment (4cr) (PN)	ENR 1200	BIOL 1080				BIOL 1080 OR ENR 1200	
ENR 2300 - Foundations of Sustainability (3cr) (H)							
ERS/GEOL 1310 - The Water-Energy-Climate Nexus (3cr) (PN)							
ERS 2010 - Introduction to Land Management (3cr)							
CHEM/ERS 4050 - Solar Energy Conversion (3cr)							
ERS 4100 - Property I (3cr)							
ERS 4105 - Property II (3cr)							
ERS 4110 - Common Law and Contracts (3cr)							
ERS 4130 - Oil and Gas and the Law of Subsurface Property (3cr)							

### BLOCK 4: Elective Options Continued

UW Courses	Casper Colleges	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College	Northwest College Wyoming	Western Wyoming Community College
<b>General Electives must take 11cr; 6cr must be upper division (continued)</b>							
ERS 4135 - Advanced Energy Law (3cr) (C3)							
CE/ERS 4480 - Carbon Capture and Storage (3cr)							
CHE/ERS 4481 - Geological Carbon Sequestration (3cr)							
ERS 4482 - Global Climate Governance (3cr) (H)							
ERS 4502 - Energy Finance (3cr)							
ERS 4960 - Energy Field Studies (1-3cr)							
ERS 4970 - Internship (1-4cr)							
ERS 4975 - Global Experience in Energy (2-4cr)							
ERS 4985 - Seminar (1-3cr)							
ERS 4990 - Topics in Energy Resource Development and Management (1-6cr)							
ERS 4965 - Undergraduate Research (1-3cr)							
ESE/ME 4460 - Solar and Geothermal Engineering (3cr)							
ESE/ME 4470 - Wind and Ocean Energy Engineering (3cr)							
GEOG/GEOL 4470 - Fire Ecology (3cr)							
GEOG 4550 - Geography of Wine (3cr)							
GEOG 4880 - Current Topics (1-6cr)							
GEOG 4885 - Seminar: (TOPICS)(1-3cr)							
GEOL 1001 - Earth Science and Society (1cr)							
ASTR/GEOL 1070 - The Earth: Its Physical Environment (4cr) (PN)	GEOL 1070	ASTR 1070 OR GEOL 1070			GEOL 1070		
GEOL 1320 - Global Sustainability: Managing Earth's Resources (4cr)							
ENR/GEOL 1330 - Water, Dirt, and Earth's Environment (4cr) (PN)	ENR 1330 OR GEOL 1330						
ESS/GEOL 2000 - Geochemical Cycles and the Earth System (4cr)	GEOL 2000					GEOL 2000	
GEOL 2080 - General Field Geology (3cr)	GEOL 2080						GEOL 2080
GEOL 3250 - Geosciences and Computers (4cr)							
GEOL 3500 - Global Change: A Geological Perspective (4cr)							

**BLOCK 4: Elective Options Continued**

UW Courses	Casper Colleges	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College	Northwest College Wyoming	Western Wyoming Community College
<b>General Electives must take 11cr; 6cr must be upper division (continued)</b>							
GEOL 3600 - Earth and Mineral Resources (4cr) (PN)							
GEOL 3650 - Energy for Society: Addressing the Energy Grand Challenge (4cr) (PN)							
GEOL 4001 - Modeling the Earth System (4cr)							
ERS/GEOL 4010 - Exploration Geoscience (3cr)							
GEOL 4060 - Rocky Mountain Field Trip (1cr)							
GEOL 4190 - Petroleum Geology (3cr)							
GEOL 4191 - Methods in Petroleum Geology (3cr)							
GIST 1001 - GIST Orientation and Portfolio (1cr)							
GIST 1200 - Geospatial Foundations (3cr)		GIST 1200					
GIST 2110 - Techniques in Cartography (3cr) (C2)		GIST 2110					
GIST 2140 - Survey of Remote Sensing Applications (3cr) (PN)		GIST 2140					
GIST 2190 - Introduction to Programming in Geospatial Information Science and Technology (3cr)		GIST 2190					
GIST 3140 - Introduction to Remote Sensing (3cr)							
GIST 4410 - UAS Sensors and Platforms (1cr)							
GIST 4420 - UAS Mission Planning (1cr)							
GIST 4430 - UAS Regulations and Safety (1cr) (V)							
GIST 4440 - UAS Ground School and Operations (2cr)							
GIST 4450 - UAS Data Acquisition and Processing (3cr)							
GIST 4790 - Special Topics in Geospatial Information Science and Technology (1-6cr)							
GIST 4870 - Internship in Geospatial Information Science and Technology (1-12cr)							
GIST 4950 - Undergraduate Research in Geospatial Information Science and Technology (1-6cr)							
HIST 4535 - History of Oil (3cr)							
LIFE 1002 - Discovering Science (3cr) (PN)		BIOL 1002		BIOL 1002			BIOL 1002

## BLOCK 4: Elective Options Continued

UW Courses	Casper Colleges	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College	Northwest College Wyoming	Western Wyoming Community College
<b>General Electives must take 11cr; 6cr must be upper division (continued)</b>							
LIFE 1003 - Current Issues in Biology (4cr) (PN)				BIOL 1003			BIOL 1003
LIFE 1020 - Life Science (4cr) (PN)		BIOL 1020			BIOL 1020		
LIFE 1101 - Introduction to Ecological Research (3cr) (FY)							
LIFE 2100 - Intro Research and Analysis (4cr) (Q)							
LIFE 3410 - Introduction to Field Ecology (2cr)							
LS 2010 - Engineering Surveying Lecture (2cr)							
LS 2015 - Engineering Surveying Laboratory (1cr)							
LS 2020 - GPS for Land Surveyors (4cr)					LS 2020		
LS 2100 - Records Research for Surveyors (3cr)							
LS 2410 - GIS in Surveying (3cr)							
LS 3120 - Boundary Principles (2cr)							
LS 3130 - Public Land Surveys (3cr)							
LS 3200 - Route Surveying (3cr)							
LS 3210 - Advanced Surveying (4cr)							
MGT 2030 - Principle-Based Ethics (3cr)	BADM 2030	<i>Pending</i>		BADM 2030	BADM 2030 <i>Pending</i>	BADM 2030 <i>Pending</i>	BADM 2030 <i>Pending</i>
MGT 2100 - Management and Organizations (3cr)	MGT 2100	<i>Pending</i>	MGT 2100	MGT 2100 <i>Pending</i>	MGT 2100	MGT 2100 <i>Pending</i>	MGT 2100 <i>Pending</i>
MGT 3420 - Organizational Behavior and Leadership (3cr)							
MGT 4240 - Performance and Compensation (3cr)							
MGT 4260 - Training and Development (3cr)							
MGT 4340 - Law for Managers (3cr)							
MGT 4350 - Commercial Law (3cr)							
MGT 4360 - Business Law for Entrepreneurs (3cr)							
MGT 4370 - Employment Law (3cr)							
MGT 4430 - Organization Design and Change (3cr)							

**BLOCK 4: Elective Options Continued**

UW Courses	Casper Colleges	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College	Northwest College Wyoming	Wyoming Community College
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**General Electives must take 11cr; 6cr must be upper division (continued)**

MGT 4800 - Business Strategy and Policy (3cr) (C3)							
MGT 4900 - Independent Study in Management (1-4cr)							
MGT 4910 - Topics in Management (3cr)							
MKT 2100 - Introduction to Marketing (3cr)	MKT 2100	Pending	MKT 2100	MKT 2100 Pending	MKT 2100	MKT 2100 Pending	Pending
NAIS 4340 - Natural Resource Management on Western Reservations (3cr)		Pending					
PETE 4860 - Energy, Environment, and Materials (3cr)							
PHIL 2420 - Critical Thinking (3cr) (H)	PHIL 2420	PHIL 2420					
PLNT 3030 - Ecological Web: Ecology of Plant Protection (3cr)							
INST/POLS 4385 - Environment and Resource Conflict (3cr)							
INST/POLS 4455 - Energy Security (3cr)							
GEOG/INST/POLS 4555 - Political Ecology (3cr)							
MICR/MOLB/SOIL 4540 - Microbial Diversity and Ecology (4cr)							
REWM 4850 - Rangeland Vegetation Management Techniques (3cr)							
RMAL 3000 - Beginning Ranch & Rangeland Problem Solving and Planning (3cr)							
SOIL 4160 - Soil Health and Nutrient Cycling (3cr)							
SOWK 4780 - Seminar: (1-9cr)							
UWYO 1019 - UWYO Saddle Up (1cr) (FY)							

**Negotiation Elective, Pick ONE**

AGEC/ENR 4450 - Negotiation (3cr)							
AGEC/ENR 4550 - Negotiation Analysis (3cr)							
MGT 4470 - Negotiations and Conflict Resolution (3cr)							

**BLOCK 4: Elective Options Continued****Technical Elective, Pick ONE**

ENR 3000 - Approaches to ENR Problem Solving (3cr) (H)	
AMST/ENR/GWST 3050 - Cultures of Nature in the United States (3cr)	
ENR/SOIL 3130 - Environmental Quality (3cr)	
ENR/GEOG/GEOL 3450 - Weather and Climate (3cr)	
ENR/POLS 3620 - Environmental Justice (3cr)	
ENR 3700 - Wyoming Conservation Corps Practicum (1cr)	
ENR 3900 - Seminar in Environment and Natural Resources (1-3cr)	
ENR/SOC 3950 - Environmental Sociology (3cr)	
ENR 4010 - Winter Ecology: Skills of the Winter Naturalist (1cr)	
ENR 4011 - Winter Ecology: Snowpack Science and Dynamics (1cr)	
ENR 4012 - Winter Ecology: Wildlife and Plant Adaptations (1cr)	
AMST/ENR 4030 - Ecology of Knowledge (3cr)	
ENR/GEOG/GEOL 4040 - Conservation of Natural Resources (3cr)	
AMST/ENR/GEOG/POLS/REWM 4051 - Environmental Politics (3cr)	
AMST/ENR/GEOG/POLS/REWM 4052 - Federal Land Politics (3cr)	
ENR/PATB 4240 - Disease Ecology (3cr)	
ENR/REWM 4285 - Wildland Hydrology (3cr)	
ANTH/ENR 4310 - Environmental Anthropology (3cr)	
ENR/HIST 4412 - Global Environment History (3cr) (H)	
BOT/ENR/ZOO 4420 - Conservation Biology (3cr)	
CE/CHE/ENR 4430 - Green Chemistry and Global Environmental Problems (3cr)	
ENR 4560 - Conservation Entrepreneurship (3cr)	
ENR 4600 - Campus Sustainability (3cr)	

**BLOCK 4: Elective Options Continued****Technical Elective, Pick ONE (Continued)**

COJO/ENR 4700 - Media, Science, and Society (3cr)	
AMST/ENR 4800 - Historic Preservation (3cr)	
ENR 4890 - Topics in Environment and Natural Resources (1-6cr)	
ENR 4950 - Leadership in Natural Resources Management (2cr)	
ENR 4960 - Field Studies in (1-6cr)	
ENR 4970 - ENR Internship (1-6cr)	
ENR 4975 - Independent Study (1-6cr)	
GEOG 3010 - Geomorphology of Earth's Dynamic Landscapes (3cr)	
GEOG 3030 - Geography and Development (3cr) (ASG)	
GEOG/INST 3050 - Economic Geography (3cr)	
GEOG 3280 - Spatial Methods (4cr)	
GEOG/NAIS 3400 - Traditional Ecological Knowledge (3cr) (ASD)	
ESS/GEOG/GEOL 3480 - Environmental Change (3cr) (ASG)	
ENR/GEOG/GEOL 3550 - Natural Hazards and Society (3cr)	
GEOG 4000 - Terrain Analysis (3cr)	
GEOG/INST/POLS 4013 - Political Geography (3cr)	
GEOG 4080 - Management of Major River Basins (3cr)	
GEOG/GEOL 4113 - Geological Remote Sensing (4cr)	
BOT/REWM 3000 - Plant Ecophysiology/Plant Form and Function (4cr)	
REWM 3390 - Range Judging (2cr)	
REWM 3500 - Rangeland Plant Ecophysiology (3cr)	
REWM 4000 - Poisonous Plants and Plant Toxins (3cr)	
REWM 4100 - Nutritional Ecological Management of Range Herbivores (3cr)	
REWM 4103 - Range and Ranch Recreation (3cr)	

**BLOCK 4: Elective Options Continued****Technical Elective, Pick ONE (Continued)**

REWM 4150 - Behavior Modification for Production of Grazing Herbivores (3cr)	
REWM 4300 - Grass Taxonomy (3cr)	
REWM 4330 - Rangeland Ecosystem Assessment and Monitoring (4cr)	
REWM 4340 - Reclamation Techniques Field Trip (2cr)	
REWM 4440 - Applied Fire Ecology (3cr)	
REWM 4500 - Rainfall-Runoff Modeling (3cr)	
REWM 4530 - Seminar (1cr)	
REWM 4540 - Problems (1-4cr)	
REWM 4550 - Internship in: (1cr)	
REWM 4600 - Drone-Based Remote Sensing (3cr)	
REWM 4750 - Wildlife Habitat Restoration Ecology (3cr)	
REWM 4810 - Experiments in Restoration (2cr)	
REWM 4830 - Ecological Applications for Wildland Management (3cr)	
RNEW 4990 - Topics in: (1-4cr)	
RNEW 3000 - Tropical Ecology (3cr)	
GIST/PLNT/REWM 4130 - Applied Remote Sensing (3cr)	
PLNT 4400 - Invasive Plant Ecology (3cr)	
BOT/RNEW 4775 - Forest Ecology (4cr)	
RNEW 4800 - Undergraduate Research (1-3cr)	
PLNT/SOIL 3000 - Irrigated Agriculture (3cr)	
SOIL 4100 - Soil Physics (3cr)	
SOIL 4105 - Soil Physics Laboratory (2cr)	
SOIL 4120 - Genesis, Morphology and Classification of Soils (4cr)	
SOIL 4130 - Chemistry of the Soil Environment (3cr)	
MICR/SOIL 4140 - Soil Microbiology (4cr)	
SOIL 4150 - Forest and Range Soils (3cr)	

**COURSE SUBSTITUTIONS:** Block articulations are intended to reflect direct published equivalencies between institutions. 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 2025-2026 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](mailto:transfer@uwyo.edu) via email.