

**University of Wyoming School of Energy Resources Block Transfer with
earned qualifying Transfer Associate Degree from the Wyoming Community Colleges
for a Bachelor of Science degree with a major in Energy Resource Management & Development and a
concentration in Energy and Environmental Systems**

This Block Transfer Guide has been written for students who have earned a qualifying transfer associate degree with a minimum of sixty (60) credits in any major from one of the Wyoming Community Colleges (WYCC) who wish to complete the Bachelor of Science with a major in Energy Resource Management & Development with a concentration in Energy & Environmental Systems.

Block 1: University Studies Program (USP)

Block 2: Pre-Transfer Prerequisite Courses

Block 3: Lower Division requirements

Block 4: Major requirements

Block 5: Additional credits to make 120 credits total, as needed

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

Qualifying transfer associate degrees are: Associate of Arts (AA), Associate of Science (AS), Associate of Business (AB), and Associate Degree in Nursing (ADN).

BLOCK 1: University Studies Program (USP) Requirements							
Please click here for more information about USP.							
Courses taken to satisfy General Education requirements at the WYCC are considered essential to prepare the student for entry into the Bachelor of Science degree program at UW. Because of the quality of that foundation, students entering UW as of Fall 2001 who have completed a qualifying associate degree from the WYCC earned spring 2014 or later are awarded the lower division general education requirements included in the USP, with the understanding that all students must successfully complete: <u>USP: First Year Seminar (FYS)</u> Students transferring with a qualifying earned associate degree earned after completing high school will have USP: FYS waived. Students who completed the associate degree as a concurrently enrolled high school student will be required to take a First Year Seminar course at UW with a minimum grade of C. <u>USP: US & Wyoming Constitutions (V)</u> All students must have taken a course that satisfies the statutory requirement for US/WY Government & Constitutions. Students transferring from the WYCC with a qualifying transfer degree should select a course at the community college that will transfer to satisfy this requirement. <u>USP: Communications 3 (C3)</u> This upper division writing requirement is satisfied by completing the required course (ENGL 4010 or ENGL 4025 or ENGL 4075; ENR dual majors satisfy this requirement by taking ENR 4900) with a minimum grade of C.							

BLOCK 2: Pre-Transfer Prerequisite Courses							
UW Courses (Required)	Casper College	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College District	Northwest College	Western Wyoming Community College
ACCT 2010 Principles of Accounting I (3cr)	ACCT 2010	ACCT 2010	ACCT 2010	ACCT 2010	ACCT 2010	ACCT 2010	ACCT 2010
STAT 2050 Fundamentals of Statistics (4cr) or STAT 2070 Intro Statistics for Social Sciences (4cr)	STAT 2050 or 2070	STAT 2050 or 2070	STAT 2050 or 2070	STAT 2050 or 2070	STAT 2050 or 2070	STAT 2050 or 2070	STAT 2050 or 2070
MATH 2200 Calculus I (4cr) or MATH 2350 Business Calculus (4cr)	MATH 2200 or 2350	MATH 2200 or 2350	MATH 2200 or 2350	MATH 2200 or 2350	MATH 2200 or 2350	MATH 2200 or 2350	MATH 2200 or 2350
AGEC 1020 Principles of Microeconomics (3cr) or ECON 1020 Principles of Microeconomics (3cr)	AGEC or ECON 1020	ECON 1020	ECON 1020	AGEC or ECON 1020	AGEC or ECON 1020	AGEC or ECON 1020	ECON 1020

BLOCK 3: Lower Division Coursework							
Students may take these courses at UW, or they may transfer them from one of the community colleges if an equivalent is offered. If the cell is blank, an equivalent course is not available at that community college. Students are reminded that they must meet UW residency requirements as outlined in Block 4.							
UW Courses (Required)	Casper	Central	Eastern	Laramie	Northern	Northwest	Western
ENR/ERS 1000 Energy & Society (3cr)							
ERS/ECON 1300 Oil: Business, Culture, & Power (3cr)							ECON1300
GIST 1200 Geospatial Foundations (3cr)							
GIST 2310 Intro Geographic Info Systems (3cr)							
LIFE 1010 General Biology (4cr)	BIOL1010						
LIFE 2023 Biology of Plants & Fungi (4cr)	BIOL2023			BIOL2023	BIOL2023	BIOL2023	BIOL2023
REWM 2000 Principles of Rangeland Mgt (3cr)	REWM2000	REWM2000	REWM2000	RGMG2000	REWM2000	REWM2000	REWM2000
REWM 2400 Range Ecosystems & Plants (4cr)					REWM2400		
SOIL 2010 Intro to Soil Science (4cr)	SOIL2010	SOIL2010			AECL2010	AECL2010	
<u>Chemistry Elective (4cr) (select one):</u> CHEM 1000 Introductory Chemistry or CHEM 1020 General Chemistry I or CHEM 1050 Advanced General Chemistry	CHEM1000 or CHEM1020						

<p><u>Negotiation Elective</u> Select one: AGEC/ENR 4450 or AGEC/ENR 4550</p>	<p><u>3 credits:</u> Negotiation Negotiation Analysis</p>	
<p><u>Technical Elective</u> Select one</p>	<p><u>3 credits (minimum):</u> Any 3000- or 4000-level ENR, GEOG, SOIL, REWM, or RNEW course</p>	<p>ENR 4750 cannot satisfy this requirement</p>
<p><u>General Electives</u> Select from: DSCI 3210 ECON 1010 ENR 1200 ENR 2300 ENR 3450 ENR 3700 ENR 3900 ENR 4040 ENR 4600 ENR 4890 ENR 4960 ENR 4970 ENR 4985 ERS 1650 ERS 4960 ERS 4965 ERS 4970 ERS 4975 ERS 4985 ERS 4990 FIN 3310 FIN 3520 GEOG 3150 GEOG 3450 GEOG 3480 GEOG 3550 GEOG 4040 GEOG 4111 GEOG 4210 GEOG 4211 GEOL 1600 GEOL 1650 GEOL 3600 GEOL 3650 GEOL 4210 GIST 2160 IMGT 1400 LIFE 3410 LS 2100 MGT 3210 MGT 3410 MGT 3420 MGT 4340 MGT 4350 MGT 4360 MKT 3210 MKT 4600 PHIL 2420 PLNT 1150 POLS 4051 POLS 4052 REWM 4210 REWM 4285</p>	<p><u>13 credits:</u> Intro to Operations & Supply Chain Mgt (3cr) Principles of Macroeconomics (3cr) Environment (4cr) Foundations of Sustainability (3cr) Weather & Climate (3cr) Wyoming Conservation Corps (1cr) Seminar: Water Resources (1cr) Conservation Natural Resources (3cr) Campus Sustainability (3cr) ENR Topics (1-6cr; max of 12cr total) Field Studies (1-6cr; max of 12cr total) ENR Internship (1-6cr; max of 12cr total) Seminar (1-3cr) Water-Energy-Climate Nexus (3cr) Energy Field Studies (1cr) Undergraduate Research (1-3cr) Internship (1-3cr) Global Experience (2-4cr) Seminar (1-3cr) Topics (1-6cr) Investment Management (3cr) Financial Markets (3cr) Survey of Remote Sensing Applications (3cr) Weather and Climate (3cr) Environmental Change (3cr) Natural Hazards and Society (3cr) Conservation of Natural Resources (3cr) Remote Sensing of the Environment (4cr) Advanced Geographic Info Systems (4cr) Adv Remote Sensing of the Environment (4cr) Global Sustainability/Managing Resources (4cr) Water-Energy-Climate Nexus (3cr) Earth and Mineral Resources (4cr) Energy for Society: Address Grand Chall (4cr) Topics in Geophysics (1-3cr; max of 9cr total) Survey of Remote Sensing Applications (3cr) Introduction to Business Analytics (3cr) Intro to Field Ecology (2cr) Records Research for Surveyors (3cr) Management and Organization (3cr) Human Resources Management (3cr) Organizational Behavior and Leadership (3cr) Law for Managers (3cr) Commercial Law (3cr) Business Law for Entrepreneurs (3cr) Introduction to Marketing (3cr) Campus Sustainability (3cr) Critical Thinking (3cr) Pesticide Safety & Application (1cr) Environmental Politics (3cr) Federal Land Politics (3cr) Land Reclamation Seminar (1cr) Wildland Hydrology (4cr)</p>	<p>The number of General Elective credits required for the concentrations are different. The EES Concentration requires 13 credits of General Electives; a minimum of 4 credits of these 13 credits must be Upper Division (3000- or 4000-level).</p> <p>Courses cannot be applied to more than one requirement.</p> <p style="text-align: right;"><i>List continues on page 4</i></p>

REWM 4330	Rangeland Ecosystem Assessmnt/Monitor (4cr)	
REWM 4530	Seminar (1cr; max of 2cr total)	
REWM 4700	Wildland Watershed Management (3cr)	
REWM 4750	Wildlife Habitat Restoration Ecology (3cr)	
REWM 4830	Ecological Applications for Wildland Mgt (3cr)	
REWM 4850	Rangeland Vegetation Management Techs (3cr)	
SOIL 4100	Soil Physics (3cr)	
SOIL 4105	Soil Physics Laboratory (2cr)	
SOIL 4120	Genesis Morphology&Classifictn of Soils (4cr)	
SOIL 4130	Chemistry of the Soil Environment (3cr)	
SOIL 4140	Soil Microbiology (4cr)	
SOIL 4150	Forest & Range Soils (3cr)	
SOIL 4160	Soil Fertility & Fertilizers (3cr)	

Block 5: Credits Needed to earn 120 credits

Once all course requirements are taken to satisfy program requirements, some students may need to take additional credits to earn a total of 120 credits. The number of credits needed (if any) will vary by student, and students should select courses to ensure that they satisfy residency requirements and upper division credit requirements.

EFFECTIVE DATE:

This document is in effect as of July 14, 2021; it reflects the UW curriculum as of that date. Any changes to the UW curriculum or the WYCC course equivalencies will require this document to be updated.