

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

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 Professional Land Management.

**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 some of the courses taken for the associate degree at the Community College 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:

USP: First Year Seminar (FYS) 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.

USP: US & Wyoming Constitutions (V) 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.

USP: Communications 3 (C3) This upper division writing requirement is satisfied by completing the required course (ERS 4135 – Advanced Oil & Gas Law) 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) <i>or</i> STAT 2070 Intro Statistics for Social Sciences (4cr)	STAT 2050 <i>or</i> 2070	STAT 2050 <i>or</i> 2070	STAT 2050 <i>or</i> 2070	STAT 2050 <i>or</i> 2070	STAT 2050 <i>or</i> 2070	STAT 2050 <i>or</i> 2070	STAT 2050 <i>or</i> 2070
MATH 2200 Calculus I (4cr) <i>or</i> MATH 2350 Business Calculus (4cr)	MATH 2200 <i>or</i> 2350	MATH 2200 <i>or</i> 2350	MATH 2200 <i>or</i> 2350	MATH 2200 <i>or</i> 2350	MATH 2200 <i>or</i> 2350	MATH 2200 <i>or</i> 2350	MATH 2200 <i>or</i> 2350
AGEC 1020 Principles of Microeconomics (3cr) <i>or</i> ECON 1020 Principles of Microeconomics (3cr)	AGEC <i>or</i> ECON 1020	ECON 1020	ECON 1020	AGEC <i>or</i> ECON 1020	AGEC <i>or</i> ECON 1020	AGEC <i>or</i> 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
ACCT 2020 Principles of Accounting II (3cr)	ACCT2020						
ENR/ERS 1000 Energy & Society (3cr)							
ERS/ECON 1300 Oil: Business, Culture, Power (3cr)							ECON1300
MATH 2205 Calculus II (4cr) <i>or</i> MATH 2355 Math Applications for Business (4cr)	MATH 2200 <i>or</i> 2355						
GEOL 1100 Physical Geology (4cr)	GEOL1100						
ERS 2010 Intro to Land Management (2cr)							
GIST 1200 Geospatial Foundations (3cr)							
GIST 2310 Intro Geographic Info Systems (3cr)							
MGT 1040 Legal Environment of Business (3cr)	BADM2010						

**BLOCK 4: Major Requirements**

**School of Energy Resources Requirements:**

- The student must earn a letter grade of C or better (C- is not sufficient) in each course.
- The student must earn a cumulative GPA of 2.00 or better.
- Consult your adviser before taking a course at another institution. A syllabus may be required to review transfer equivalency.

**University of Wyoming Requirements:**

- Total minimum credits required (including transfer credit) is 120 credits.
- Minimum cumulative GPA is 2.00.
- No more than 4 credits of physical activity coursework may be applied to the minimum credit hour requirement for UW baccalaureate degree.
- Students must complete 42 hours of upper division (3000-level or above) coursework, 30 of which must be taken in residence at UW.
- Students may not take a course for S/U credit to satisfy any requirement unless the course is offered for S/U credit only. (UW S/U grade policy statement for spring 2020: <http://www.uwyo.edu/transfer/files/documents/transfer-policies/covid19-transfer-policy-statement.pdf>)
- A grade of C or above is required for University Studies Program (USP) categories: FYS, C1, C2, and C3.
- The UW Office of the Registrar provides final approval of degree completion requirements prior to the awarding of any degree.

**REQUIRED MAJOR COURSES**

UW Course/Category	UW Course Title	Notes/List of Course Options
DSCI 4260	Project Management (3cr)	
MGT 3210	Management and Organization (3cr)	<i>May be able to transfer; consult your academic adviser</i>
ERS 4010	Petroleum Exploration and Production (3cr)	
ERS 4100	Property I (3cr)	
ERS 4105	Property II (3cr)	
ERS 4110	Law of Contracts (3cr)	
ERS 4120	Federal Public Land Law (3cr)	
ERS 4130	Oil and Gas Law (3cr)	
ERS 4135	Advanced Oil and Gas Law (3cr)	<i>Minimum grade C Satisfies Upper Division Writing (USP: C3)</i>
ERS 4985	Seminar (1-3cr)	<i>Students should confirm the number of credits needed to satisfy degree requirements with their academic adviser prior to registering.</i>
<p><b>This section are the requirements that allow students to choose between multiple courses to satisfy the requirement.</b></p> <ul style="list-style-type: none"> <li>• Upper division courses must be taken at UW.</li> <li>• Courses are not permitted to apply to more than one requirement (for example, if the course is required in your major, it cannot also apply to the General Electives in the major).</li> </ul>		
<p><i>Select one:</i> POLS 4051 or POLS 4052 or ENR 4750</p>	<p><u>3 credits:</u> Environmental Politics Federal Land Politics ENR Law &amp; Policy</p>	
<p><u>Data Analysis Elective</u> <i>Select one:</i> BOT 4211 or ES 1060 or ENR 4500 or ENR 4525 or GEOG 4211 or GEOL 2120 or GEOL 4250 or GEOL 4525 or GIST 4211 or IMGT 1400 or STAT 3050 or ZOO 4400</p>	<p><u>3 credits (minimum):</u> Adv Remote Sensing of the Environment (4cr) Introduction to Problem Solving (3cr) Risk Analysis (4cr) Environmental Data Analysis (4cr) Adv Remote Sensing of the Environment (4cr) Quantitative Geo Methods (3cr) Mathematical Geosciences (3cr) Environmental Data Analysis (4cr) Advanced Remote Sensing (3cr) Intro to Business Analytics (3cr) Statistical Methods - General (3cr) Population Ecology (3cr)</p>	
<p><u>Economics Elective</u> <i>Select one:</i> ECON/ERS 3400 or ECON 4420 or AGEC 3750 or AGEC 4600 or AGEC 4700 or AGEC 4720</p>	<p><u>3 credits:</u> Energy Markets &amp; Policy Seminar: Economics for ENR (1-3cr) Natural Resource Planning &amp; Economics Community Economic Analysis (USP: H) Economics of Range Resources Water Resource Economics</p>	ECON/ERS 3400 preferred

<p><u>Ethics Elective</u>  <i>Select one:</i>                  ERS 2000 <i>or</i>                  MGT 3110 <i>or</i>                  ENR/PHIL 2330</p>	<p><u>3 credits:</u>                  Ethics &amp; Leadership                  Business Ethics                  Environmental Ethics</p>	
<p><u>Negotiation Elective</u>  <i>Select one:</i>                  AGECE/ENR 4450 <i>or</i>                  AGECE/ENR 4550</p>	<p><u>3 credits:</u>                  Negotiation                  Negotiation Analysis</p>	
<p><u>General Electives</u>  <i>Select from:</i>                  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</p>	<p><u>21 credits:</u>                  Intro to Operations &amp; Supply Chain Mgt (3cr)                  Principles of Macroeconomics (3cr)                  Environment (4cr)                  Foundations of Sustainability (3cr)                  Weather &amp; 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 &amp; Application (1cr)                  Environmental Politics (3cr)</p>	<p>The number of General Elective credits required for the concentrations are different. The PLM Concentration requires 21 credits of General Electives; a minimum of 9 of these 21 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>

POLS 4052	Federal Land Politics (3cr)	
REWM 4210	Land Reclamation Seminar (1cr)	
REWM 4285	Wildland Hydrology (4cr)	
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.*