



**B.S. Energy Resource Management  
Development  
Professional Land Management  
Concentration  
2020-2021 Catalog**

**University of Wyoming  
B.S. ERS, Professional Land Management**

Concentration	CR	Min Grade	Notes
<b>USP - University Studies Program Requirements</b>			
<b>USP: First Year Seminar</b>	3	C	FYS
<b>USP: Communications I</b> ENGL 1010 College Composition and Rhetoric	3	C	C1
<b>USP: Communications II</b>	3	C	C2 See C2 note below.
<b>USP: Communications III</b> (ERS 4135 built into major)			C3
<b>USP: US &amp; Wyoming Constitution</b>	3	C	V ECON 1200 preferred
<b>USP: Human Culture</b> ECON 1300 Oil: Business Culture Power	3	C	H
ECON 1020 Principles of Microeconomics	3	C	H
<b>USP: Quantitative</b> MATH 2350 Business Calculus	4	C	Q May substitute MATH 2200
<b>USP: Physical &amp; Natural World</b> ENR 1000 Energy and Society	3	C	PN Fall semester only
GEOL 1100 Physical Geology	4	C	PN
<b>Credit hours subtotal:</b>			29
<b>Energy Resource Management/Development Courses</b>			
ACCT 2010 Principles of Accounting I	3	C	
STAT 2050 Fundamentals of Statistics	4	C	STAT 2070 is accepted
FIN 3250 Corporate Finance	3	C	
DSCI 4260 Project Management	3	C	Spring semester only
ENR 4750 ENR Law and Policy	3	C	Fall semester only
<b>Credit hours subtotal:</b>			16
<b>Professional Land Management Concentration</b>			
ACCT 2020 Principles of Accounting II	3	C	
AGEC 4450 Negotiation	3	C	Spring semester only
AGEC 4550 Negotiation Analysis	3	C	Fall semester only
ERS 2010 Introduction to Land Management	2	C	Spring semester only
ERS 4010 Petroleum Exploration and Production	3	C	Spring semester only
ERS 4100 Property I	3	C	Fall semester only
ERS 4105 Property II	3	C	Spring semester only
ERS 4110 Law of Contracts	3	C	Spring semester only
ERS 4120 Federal Public Lands Law	3	C	Fall semester only
ERS 4130 Oil and Gas Law	3	C	Fall semester only
ERS 4135 Advanced Oil and Gas Law	3	C	C3 Spring semester only

ERS 4985 Seminar	2	C	Spring semester only
ERS 4990 Tps: Renewable Energy Land Siting	3	C	
GIST 1100 Geospatial Foundations	3	C	
GIST 2100 Introduction to Geospatial Science and Technology	4	C	
MATH 2355 Mathematical Applications for Business	4	C	May substitute MATH 2205
MGT 1040 Legal Environment of Business	3	C	
MGT 3210 Management and Organization	3	C	
Data Analysis Elective	3	C	See Data Analysis Elective note.
Economics Elective	3	C	See Economics Elective note.
Ethics Elective	3	C	See Ethics Elective note.
General Elective	12	C	See General Elective note.

**Credit hours subtotal:** 75

**B.S. Energy Resource Management Development  
Professional Land Management Concentration**

**credit hour total:** 120

**Energy Resource Management Development, Professional Land Management Concentration Program Notes:**

- All courses must be passed with a grade of C or better.
- See the “Prerequisite and MPE Cut Score Reference Chart” on the Math Placement website for the most up-to-date math placement equivalencies: <http://www.uwyo.edu/mathstats/math-placement/>.
- **C2 note:** COJO 2010, ECON 2400, ENGL 2005, ENR 2000, ENR 3300, ERS 2500, HP 2020, UWYO 1600.
- **Data Analysis elective:** ES 1060; STAT 3050
- **Economics elective:** ECON/ERS 3400 (preferred); AGECE 3750, 4600, 4700, 4720; ECON 4420
- **Ethics elective:** ERS 2000; MGT 3110; PHIL/ENR 2330
- **General elective:** ERS 1650, 4960, 4965, 4970, 4975, 4985, 4990; ECON 1010; ENR 1200, 1300, 3450, 3700, 3900, 4040, 4600, 4890, 4960, 4970; FIN 3310, 3520; GEOG 3480, 3550, 4040, 4111, 4210, 4211; GEOL 100, 1650, 3600, 3650; GIST 2160; LIFE 3410; LS 2100; MGT 3410, 3420, 4340, 4350, 4360; MKT 3210, 4600; PHIL 2420; POLS 4051, 4052

**University of Wyoming Requirements**

- Students must have a minimum cumulative GPA of 2.0 to graduate.
- Students must complete 42 hours of upper division (3000-level or above) coursework, 30 of which must be from the University of Wyoming.
- Courses must be taken for a single letter grade unless offered only for S/U.
- University Studies Program (USP), Human Culture (H) and Physical & Natural World (PN) courses must be taken outside of the major subject, but can be cross-listed with the major.

The University of Wyoming Office of the Registrar provides final approval of degree completion requirements prior to the awarding of any degree.