



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

**University of Wyoming
B.S. ERS**

Energy Land & Water Mgmt Concentration	Cr Hrs	Min Grade	Notes
USP - University Studies Program Requirements			
USP: First Year Seminar	3		FYS
USP: Communications ENGL 1010 College Composition and Rhetoric	3		C1
USP: Communications II	3		C2 See C2 note below.
USP: Communications III	3		C3 See C3 note below.
USP: US & Wyoming Constitution	3		V ECON 1200 preferred
USP: Human Culture ECON 1300 Oil: Business Culture Power	3		H
ECON 1020 Principles of Microeconomics	3		H
USP: Quantitative MATH 2200 Calculus I	4		Q
USP: Physical & Natural World LIFE 1010 General Biology	4		PN
Chemistry Elective (See PN note below)	4		PN
Credit hours subtotal:			33
Energy Resource Management/Development Courses			
ERS 1000 Energy and Society	3	C	Fall semester only
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
Credit hours subtotal:			19
Energy Land and Water Concentration			
GIST 1100 Geospatial Foundations	3	C	
GIST 2100 Intro to Geospatial Science & Technology	4	C	
LIFE 2023 Biology of Plants and Fungi	4	C	Fall semester only
LIFE 3400 General Ecology	3	C	
REWM 2000 Principles of Rangeland Management	3	C	
REWM 2400 Range Ecosystem and Plants	4	C	Fall semester only
REWM 3100 Principles of Wildland Water Quality	3	C	Fall semester only
REWM 4200 Reclamation of Drastically Disturbed Lands	3	C	Fall semester only
REWM 4710 Watershed Water Quality Management	3	C	Spring semester only
REWM 4580 Rangeland Restoration Ecology	3	C	Spring semester only

SOIL 2010 Introduction to Soil Science	4	C	Spring semester only
ERS 3010 Air Quality Management	3	C	Spring semester only
ERS 4120 Federal Public Lands Law	3	C	Fall semester only
AGEC 4450 Negotiation	3	C	Spring semester only
AGEC 4550 Negotiation Analysis	3	C	Fall semester only
Data Analysis Elective	3	C	See Data Analysis Elective note.
Economics Elective	3	C	See Economics Elective note.
Technical Elective	3	C	See Technical Elective note.
General Elective	10	C	See General Elective note.
Credit hours subtotal:			68

**B.S. Energy Resource Management & Development
Energy Land and Water Management Concentration**

Credit Hour Total: 120

Energy Resource Management/Development, Energy Land and Water 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.
- **C3 note:** ENR concurrent majors take ENR 4900; all other students select from ENGL 4010, 4025, 4075.
- **PN note:** CHEM 1000 Fall only, CHEM 1020 Fall, Spring or Summer.
- **Data Analysis elective:** ES 1060; GEOL/ENR 4525; STAT 3050
- **Economics elective:** ECON/ERS 3400 (preferred); AGEC 3750, 4600, 4700, 4720; ECON 4420
- **Technical elective:** Any 3000/4000 ENR, GEOG, SOIL, REWM or RNEW class except ENR 4750
- **General elective:** ERS 1650, 4960, 4965, 4970, 4975, 4985, 4990; ENR 1200, 1300, 3450, 3700, 3900, 4040, 4600, 4890, 4960, 4970; GEOG 3450, 3480, 3550, 4040, 4111, 4210, 4211; GIST 2160; LIFE 3410; MGT 3410, 3420; MKT 4600; PLNT 1150; PHIL 2420; POLS 4051, 4052; REWM 4285, 4330, 4530, 4700, 4850; SOIL 4105, 4120, 4130, 4140, 4150, 4160

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.