

University of Wyoming Sample Four-Year Degree Plan
Catalog Year: 2019-20

Energy Resource Mgmt/Dev, BS Energy Land and Water Concentration



This sample degree plan is a guide, to be used for planning in consultation with your academic advisor. Actual course sequence may vary by student. A ▲ symbol identifies courses that must be taken and passed during the suggested semester in order for a student to stay on track toward completing the degree program within four years.

Sequence	Course Prefix	Course Number	Course Title	Credit Hours	Min Grade	Notes
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Freshman Fall Semester

			USP First-Year Seminar	3	C	FY
▲	ENGL	1010	College Composition and Rhetoric	3	C	C1
▲	ERS	1000	Energy and Society	3	C	Offered fall semester.
	MATH	2200	Calculus I ¹	4	C	Q
			USP US & Wyoming Constitutions	3		V. ECON 1200 preferred
Credit hours subtotal:				16		

Freshman Spring Semester

			USP Communication 2 Elective ²	3	C	C2
	ECON	1300	Oil: Business Culture Power	3	C	H
▲	ECON	1020	Principles of Microeconomics	3	C	H
▲	LIFE	1010	General Biology	4	C	PN
Credit hours subtotal:				13		

Sophomore Fall Semester

▲	LIFE	2023	Biology of Plants and Fungi	4	C	Offered fall semester.
▲	REWM	2000	Principles of Rangeland Management	3	C	
▲			Chemistry Elective ³	4	C	PN
	MGT	3210	Management and Organization	3	C	
	ACCT	2010	Principles of Accounting I	3	C	
Credit hours subtotal:				17		

Sophomore Spring Semester

▲	SOIL	2010	Introduction to Soil Science	4	C	Offered spring semester.
	LIFE	3400	General Ecology	3	C	
	GEOG	2150	Fundamentals of GIS & Technology	4	C	
	STAT	2050	Fundamentals of Statistics	4	C	
Credit hours subtotal:				15		

This sample degree plan is a guide for course work in the major. • Course sequencing may need to be altered if ACT, SAT or Math Placement scores require a student to take pre-college courses before taking required math or English courses. • Not all courses are offered every semester and some electives may have prerequisites. Students should review course descriptions in the University Catalog and consult with their academic advisor to plan accordingly.

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 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.

School of Energy Resources requirements:

All courses must be passed with a grade of C or better.

Notes continued on next page(s).

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Energy Land and Water Concentration



Sequence	Course Prefix	Course Number	Course Title	Credit Hours	Min Grade	Notes
Junior Fall Semester						
▲	REWM	2400	Range Ecosystems and Plants	4	C	Offered fall semester.
▲	REWM	3100	Principles of Wildland Water Quality	3	C	Offered fall semester.
			Technical Elective ⁴	3	C	
▲	ERS	4120	Federal Public Lands Law	3	C	Offered fall semester.
▲	ENR	4750	ENR Law and Policy	3	C	Offered fall semester.
Credit hours subtotal:				16		
Junior Spring Semester						
			Economics elective ⁵	3	C	
▲	DSCI	4260	Project Management	3	C	Offered spring semester.
	FIN	3250	Corporate Finance	3	C	
▲	ERS	3010	Air Quality Management	3	C	Offered spring semester.
			General elective ⁶	2	C	
Credit hours subtotal:				14		
Senior Fall Semester						
▲	AGEC	4550	Negotiation Analysis	3	C	Offered fall semester.
▲	REWM	4200	Reclamation of Drastically Disturbed Lands	3	C	Offered fall semester.
			Computer/Data Analysis Elective ⁷	4	C	
▲	GEOG	4200	Intro to Geographic Information Systems	4	C	
Credit hours subtotal:				14		
Senior Spring Semester						
▲			USP Communication 3 Elective ⁸	3	C	C3
▲	AGEC	4450	Negotiation	3	C	Offered spring semester.
▲	REWM	4710	Watershed Water Quality Management	3	C	Offered spring semester.
▲	REWM	4580	Rangeland Restoration Ecology	3	C	Offered spring semester.
			General elective ⁶	3	C	
Credit hours subtotal:				15		
TOTAL CREDIT HOURS				120		

Energy Resource Mgmt/Dev Program notes: All courses must be passed with a grade of C or better.

¹ 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/>.

² Select one: COJO 2010, ECON 2400, ENGL 2005, ENR 2000, ENR 3300, ERS 2500, HP 2020, UWYO 1600

³ Select one: CHEM 1000 Fall only, CHEM 1020 Fall, Spring or Summer

⁴ Select one: Any 3000/4000 ENR, GEOG, SOIL, REWM or RNEW class

⁵ Select one: ECON/ERS 3400 (preferred); AGEC 3750, 4600, 4700, 4720; ECON 4420

⁶ Select two: ERS 1650, 4960, 4965, 4970, 4975, 4985, 4990; ENR 1300, 3450, 3700, 3900, 4040, 4600, 4890, 4960, 4970; GEOG 3150, 3450, 3480, 3550, 4040, 4111, 4210, 4211; LIFE 3410; MGT 3410, 3420; MKT 4600; PLNT 1150; PHIL 2420; POLS 4051, 4052; REWM 4210, 4285, 4330, 4530, 4700, 4850; SOIL 4105, 4120, 4130, 4140, 4150, 4160

⁷ Select one or two: COSC 1200; ES 1060, 1061; ENR 4500; GEOL/ENR 4525; STAT 3050

⁸ Select one: ENR concurrent majors take ENR 4900; all other students select from ENGL 4010, 4025, 4075