

University of Wyoming Sample Four-Year Degree Plan
Catalog Year: 2018-19

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.

Course Sequence	Course Prefix	Course Number	Course Title	Credit Hours	Min Grade	Notes
			USP First-Year Seminar	3	C	FY
	ECON	1300	Oil: Business Culture Power	3	C	H
▲	ENGL	1010	College Composition and Rhetoric	3	C	C1
▲	ERS	1000	Energy and Society	3	C	PN Offered fall semester
▲	MATH	2200	Calculus I	4	C	Q
Credit hours subtotal:				16		

Freshman Spring Semester

	ACCT	1010	Principles of Accounting I	3	C	
▲	ECON	1020	Principles of Microeconomics	3	C	H
			U.S. & Wyoming Constitution	3	C	V ECON 1200 preferred
▲	ERS	2500	Communication Across Topics in Energy	3	C	C2 Offered spring semester
▲	LIFE	1010	General Biology	4	C	PN
Credit hours subtotal:				16		

Sophomore Fall Semester

▲	LIFE	2023	Biology of Plants and Fungi	4	C	Offered fall semester.
▲	REWM	2000	Principles of Rangeland Management	3	C	Offered fall semester.
▲			Chemistry Elective ¹	4	C	PN
	MGT	3210	Management and Organization	3	C	
	ES	1060	Intro to Engineering Problem Solving	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 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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Sequence	Course Prefix	Course Number	Course Title	Credit Hours	Min Grade	Notes
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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.
	SOIL	3130	Environmental Quality	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:				<u>16</u>		

Junior Spring Semester

			Economics elective ²	3	C	
▲	REWM	4710	Watershed Water Quality Management	3	C	Offered spring semester.
	FIN	3250	Corporate Finance	3	C	
▲	ERS	3010	Air Quality Management	3	C	Offered spring semester.
			General elective ³	2	C	
Credit hours subtotal:				<u>14</u>		

Senior Fall Semester

▲	AGEC	4550	Negotiation Analysis	3	C	Offered fall semester.
▲	REWM	4200	Reclamation of Drastically Disturbed Lands	3	C	Offered fall semester.
			Data Analysis Elective ⁴	4	C	
▲	GEOG	4200	Intro to Geographic Information Systems	4	C	Offered fall semester.
Credit hours subtotal:				<u>14</u>		

Senior Spring Semester

▲			COM3 Elective ⁵	3	C	C3
▲	AGEC	4450	Negotiation	3	C	Offered spring semester.
▲	DSCI	4260	Project Management	3	C	Offered spring semester.
▲	REWM	4580	Rangeland Restoration Ecology	3	C	Offered spring semester.
Credit hours subtotal:				<u>12</u>		

TOTAL CREDIT HOURS 120

Energy Resource Mgmt/Dev Program notes:

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

¹ Select one: CHEM 1000 (fall only), CHEM 1020 Fall, Spring or Summer

² Select one: ECON/ERS 3400 (preferred); AGECE 3750, 4600, 4600, 4720; ECON 4420

³ Select one: ENR 3700, 4600, 4890, 49790; ERS 4960, 4965, 4970, 4975, 4985, 4990; GEOG 3150, 3450, 3480, 4041, 4111, 4210, 4211, 4330; LIFE 3410; MGT 3410, 3420; PLNT 1150; REWM 4210, 4285, 4330, 4530, 4700, 4850; SOIL 4105, 4120, 4130, 4140, 4150, 4160

⁴ Select one: ENR 4500; GEOL/ENR 4525

⁵ ENR concurrent majors take ENR 4900; all other students select from ENGL 4010, 4025, 4075