

Energy Resource Management & Development, BS

Professional Land (Landman) Management Concentration



University of Wyoming, 2017-18

Freshman Fall Semester

		Hrs	Min	Grade	Notes
USP First-Year Seminar		3		C	FY
USP US & Wyoming Constitutions		3		C	V; recommend ECON 1200 (Economics, Law, and Government).
ENGL	1010 College Composition and Rhetoric	3		C	C1
ERS	1000 Energy & Society	3		C	
MATH	2350 Business Calculus *	4		C	Q; can substitute MATH 2200 (Calculus I) **.
Credit hours subtotal:		16			

Freshman Spring Semester

		Hrs	Min	Grade	Notes
ACCT	1010 Principles of Accounting I	3		C	
ECON	1020 Principles of Microeconomics	3		C	H; cross listed with AGECE 1020.
ERS	1300 Oil: Business, Culture, and Power	3		C	Cross listed with ECON 1300; offered spring semester.
ERS	2500 Communication Across Topics in Energy	3		C	C2
MATH	2355 Mathematical Applications for Business	4		C	Can substitute MATH 2205 (Calculus II).
Credit hours subtotal:		16			

Sophomore Fall Semester

		Hrs	Min	Grade	Notes
USP Physical & Natural World		4		C	PN
ACCT	1020 Principles of Accounting II	3		C	
ERS	2000 Ethics & Leadership	3		C	Offered fall semester.
GEOG	1100 Physical Geology	4		C	PN
IMGT	2400 Introduction to Information Management	3		C	Can substitute ES 1060 (Problem Solving).
Credit hours subtotal:		17			

Sophomore Spring Semester

		Hrs	Min	Grade	Notes
USP Human Culture		3		C	H
ERS	2010 Introduction to Land Management	2		C	Offered spring semester.
GEOG	2150 Foundations of GIS & Technology	4		C	
MGT	1040 Legal Environment of Business	3		C	
STAT	2050 Fundamentals of Statistics	4		C	Can substitute STAT 2070 (Intro Statistics for the Social Sciences).
Credit hours subtotal:		16			

This is a guide for course work in the major; actual course sequence may vary by student. Please refer to the online student degree evaluation, and consult with an academic advisor. • Not all courses are offered every semester and some electives may have prerequisites. Students should review the 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.

Energy Resource Management and Development Program Notes:

This degree is a collaborative effort between the School of Energy Resources and the Colleges of Arts and Sciences, Agriculture and Natural Resources, Business, Engineering and Applied Science, and Law, as well as with the Haub School of Environment and Natural Resources. • Academic plans and course schedules may need to be altered if Math Placement scores require Math 0900, 0921, 0925, 1400, 1405, or 1450. • Students must earn a letter grade of C or better in each course and a cumulative gpa of 2.0 or better to graduate. • Students are strongly encouraged to complete an industry internship (a minimum gpa of 3.0 is typically required). Opportunities are also available for undergraduate research, a study abroad experience, or a summer field trip. Please consult with an academic advisor. • Students majoring in Energy Resource Management and Development can earn a double major by completing courses required for the Environment and Natural Resources program. Or students looking to create a focus for their coursework can add a minor to the program. Please consult with an academic advisor about these options.

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Junior Fall Semester			Hrs	Min Grade	Notes
AGEC	4550	Negotiation Analysis	3	C	Cross listed with ENR 4550; offered fall semester.
DSCI	3210	Intro/Operations & Supply Chain Management ***	3	C	
ENR	4750	ENR Law and Policy	3	C	Permission of instructor required; offered fall semester.
GEOG	4200	Introduction to Geographic Information Systems	4	C	Offered fall semester.
MKT	3210	Introduction to Marketing	3	C	
Credit hours subtotal:			16		

Junior Spring Semester			Hrs	Min Grade	Notes
AGEC	4450	Negotiation	3	C	Cross listed with ENR 4450; offered spring semester.
DSCI	4260	Project Management	3	C	Offered spring semester.
ERS	4010	Petroleum Exploration and Production	3	C	Offered spring semester; can substitute GEOL 4190 (Petroleum Geology).
ERS	4100	Property I	3	C	Offered spring semester
MGT	3210	Management and Organization	3	C	
Credit hours subtotal:			15		

Senior Fall Semester			Hrs	Min Grade	Notes
ENR	4500	Risk Analysis	4	C	
ERS	4105	Property II	3	C	Offered fall semester.
ERS	4120	Federal Public Land Law	3	C	Offered fall semester.
ERS	4130	Oil & Gas Law	3	C	Offered fall semester.
FIN	3250	Corporate Finance	3	C	
Credit hours subtotal:			16		

Senior Spring Semester			Hrs	Min Grade	Notes
ERS	4110	Contracts	3	C	Offered spring semester.
ERS	4135	Advanced Oil & Gas Law	3	C	C3; Offered spring semester.
ERS	4985	Sem: RPL Exam Prep	1	C	Offered spring semester.
		Economics Elective	3	C	Consult with an academic advisor for courses from an approved list.
		Electives	6	C	Consult with an academic advisor for courses from an approved list.
Credit hours subtotal:			16		

TOTAL CREDIT HOURS: 128

Energy Resource Management and Development Program Notes con't:

* Requires MATH ACT \geq 26, MATH SAT \geq 600, Math Placement Exam \geq 4, or \geq C in MATH 1400. (University Standard)

** Requires MATH ACT \geq 27, MATH SAT \geq 600, Math Placement Exam \geq 5, or \geq C in MATH 1405 or 1450. (University Standard)

*** If MATH 2205 is taken, then students can take DSCI 3210 or three (3) upper division credits in management, marketing, or geography. If MATH 2355 is taken, students must complete DSCI 3210.