

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

## Energy Resource Mgmt/Dev B.S. Professional Land Management 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
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### Freshman Fall Semester

			USP First-Year Seminar	3	C	FY
	ECON	1300	Oil: Business Culture Power	3	C	H
▲	ENR	1000	Energy and Society	3	C	PN. Offered fall semester.
	MATH	2350	Business Calculus <sup>1</sup>	4	C	Q. Can take MATH 2200 Calculus I
▲	ENGL	1010	College Composition and Rhetoric	3	C	C1.
<b>Credit hours subtotal:</b>				<b>16</b>		

### Freshman Spring Semester

	ECON	1020	Principles of Microeconomics	3	C	H
			US & Wyoming Constitutions	3	C	V. ECON 1200 preferred
			USP Communication 2 Elective <sup>2</sup>	3	C	C2
	MATH	2355	Mathematical Applications for Business <sup>1</sup>	4	C	MATH 2355. Can take MATH 2205 Calculus II
	MGT	1040	Legal Environment of Business	3	C	
<b>Credit hours subtotal:</b>				<b>16</b>		

### Sophomore Fall Semester

▲	ACCT	2010	Principles of Accounting I	3	C	
	GEOL	1100	Physical Geology	4	C	PN
▲	ERS	2000	Ethics and Leadership	3	C	Offered fall semester.
	MGT	3210	Management and Organization	3	C	
			General Elective <sup>3</sup>	3	C	
<b>Credit hours subtotal:</b>				<b>16</b>		

### Sophomore Spring Semester

▲	ACCT	2020	Principles of Accounting II	3	C	
▲	ERS	2010	Introduction to Land Management	2	C	Offered spring semester.
	GEOG	2150	Foundations of GIS & Tech	4	C	
▲	STAT	2050	Fundamentals of Statistics	4	C	Can take STAT 2070
			General Elective <sup>3</sup>	1	C	
<b>Credit hours subtotal:</b>				<b>14</b>		

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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Sequence	Course Prefix	Course Number	Course Title	Credit Hours	Min Grade	Notes
<b>Junior Fall Semester</b>						
			General Elective <sup>3</sup>	3	C	
	FIN	3250	Corporate Finance	3	C	
	GEOG	4200	Introduction to Geographic Information Systems	4	C	
	ERS	4990	Tps: Renewable Energy Land Siting	3	C	
<b>Credit hours subtotal:</b>				<b><u>13</u></b>		

<b>Junior Spring Semester</b>						
▲	ERS	4010	Petroleum Exploration and Production	3	C	Offered spring semester.
▲	DSCI	4260	Project Management	3	C	Offered spring semester.
			Economics Elective <sup>4</sup>	3	C	
			Computer/Data Analysis Elective <sup>5</sup>	4	C	
▲	ERS	4110	Law of Contracts	3	C	Offered spring semester.
<b>Credit hours subtotal:</b>				<b><u>16</u></b>		

<b>Senior Fall Semester</b>						
	ENR	4750	ENR Law and Policy	3	C	Offered fall semester.
▲	ERS	4100	Property I	3	C	Offered fall semester.
▲	ERS	4120	Federal Public Lands Law	3	C	Offered fall semester.
▲	ERS	4130	Oil and Gas Law	3	C	Offered fall semester.
▲	AGEC	4550	Negotiation Analysis	3	C	Offered fall semester.
<b>Credit hours subtotal:</b>				<b><u>15</u></b>		

<b>Senior Spring Semester</b>						
▲	ERS	4105	Property II	3	C	Offered spring semester.
▲	ERS	4135	Advanced Oil and Gas Law	3	C	C3. Offered spring semester.
▲	ERS	4985	Seminar	2	S	Offered spring semester.
▲	AGEC	4450	Negotiation	3	C	Offered spring semester.
			General Elective <sup>3</sup>	3	C	
<b>Credit hours subtotal:</b>				<b><u>14</u></b>		

**TOTAL CREDIT HOURS    120**

**Energy Resource Mgmt/Dev Program notes:**

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

<sup>1</sup> 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/>.

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

<sup>3</sup> Select four: ERS 1650, 4960, 4965, 4970, 4975, 4990; DSCI 3210; ECON 1010; ENR 1300, 3450, 3700, 3900, 4040, 4600, 4890, 4960, 4970; FIN 3310, 3520; GEOG 3150, 3480, 3550, 4040, 4111, 4210, 4211; GEOL 1600, 1650, 3600, 3650; IMGT 1400, 2400; LS 2100; MGT 3410, 3420, 4340, 4350, 4360; MKT 3210, 4600; PHIL 2420; POLS 4051, 4052

<sup>4</sup> Select one: ECON/ERS 3400 (preferred); AGECE 3750, 4600, 4700, 4720; ECON 4420

<sup>5</sup> Select one or two: COSC 1200; ENR 4500; ES 1060, 1061; STAT 3050