

BUSINESS ADMINISTRATION COMPREHENSIVE MAJOR: ENERGY MANAGEMENT EMPHASIS

Program Requirements

Admission to the program: All students wishing to major in the Energy Management (EM) emphasis in Business Administration must be formally admitted to the program. Students who have already completed a BA/BS in Business or Accounting will be considered to have completed most of the Energy Management Base Curriculum and Energy Management Nucleus upon admission to the program.

A minimum of 74 credits is required, including the 21-credit Energy Management Base Curriculum, the 21-credit Energy Management Nucleus, and the 31-credit Energy Management Emphasis and Capstone:

Code	Title	Credits
Energy Management Base Curriculum		
ACC 201	Introduction to Financial Accounting	3
ACC 202	Introduction to Managerial Accounting	3
BUAD 220	Spreadsheets and Analysis	3
ECON 201	Macroeconomics (GT-SS1)	3
ECON 202	Microeconomics	3
Select one of the following:		3
ECON 216	Statistics for Business and Economics	
MATH 213	Probability and Statistics (GT-MA1)	
Select one of the following:		3
MATH 141	Precalculus (GT-MA1)	
MATH 151	Calculus I (GT-MA1)	
Total Credits		21

Code	Title	Credits
Energy Management Nucleus		
BUAD 185	Business Communication	3
BUAD 210	Foundations of Business Law	3
BUAD 240	Strategic Negotiations	3
BUAD 270	Principles of Marketing	3
BUAD 302	Professional Development	3
BUAD 360	Managerial Finance	3
Select at least one of the following:		3
BUAD 333	Organizational Behavior	
BUAD 350	Human Resource Management	
Total Credits		21

And the following emphasis courses:

Code	Title	Credits
Energy Management Emphasis		
BUAD 305	Applied Energy Seminar	3
BUAD 320	Property and Contracts	3
BUAD 323	Evolution of the Energy Economy	3

BUAD 420	Energy Law and Regulation	3
BUAD 421	Energy Contracts	3
BUAD 495	Prospect Economics and Evaluation	3
ECON 370	Natural Resource Economics	3
GEOL 103	Earth and Energy Systems	3
GEOL 105	Physical Geology Laboratory (GT-SC1)	1
Two of the following:		6
BUAD 311	Business Analytics	
BUAD 325	Management Information Systems	
BUAD 342	Environmental and Water Law	
BUAD 363	Business and the Environment	
BUAD 370	Exploration Production Processes	
BUAD 410	Water Law	
ENVS 301	Science of Sustainability and Resilience	
ENVS 350	U.S. and Western Environmental Politics	
ENVS 360	Global Environmental Policy	
ENVS 373	The Water Planet	
GEOG 340	Intro Geographic Info Systems	
Total Credits		31

Capstone Course Requirement

The following courses in the Business Administration Major fulfill the capstone course requirement: BUAD 495 Prospect Economics and Evaluation .

Graduation Requirements

Undergraduate programs require a minimum of 120 semester credits for graduation. Of those 120 credits, 40 credits must be in upper-division courses (those marked 300 and above). Fifteen of these 40 upper-division credits must be earned in courses that are part of the standard or comprehensive major program being pursued.

Students are expected to review all graduation requirements, which can be found in the Western Undergraduate Catalog: Graduation Requirements (<https://catalog.western.edu/undergraduate/graduation-requirements/>).

Course	Title	Credits
Year One		
Fall		
ENG 102	Writing and Rhetoric I (GT-C01)	3
Gen Ed	General Education (Area I)	3
GEOL 103	Earth and Energy Systems	3
GEOL 105	Physical Geology Laboratory (GT-SC1)	1
HWTR 100	First Year Seminar	1
MATH 141 or MATH 151	Precalculus (GT-MA1) or Calculus I (GT-MA1)	4
Credits		15
Spring		
ACC 201	Introduction to Financial Accounting	3
ECON 201	Macroeconomics (GT-SS1)	3
ENG 103	Writing and Rhetoric II (GT-C02)	3
Gen Ed	Natural Sciences w/lab	4
Gen Ed	Area III	3
Credits		16
Year Two		
Fall		
ACC 202	Introduction to Managerial Accounting	3

2 Business Administration Comprehensive Major: Energy Management Emphasis

BUAD 210	Foundations of Business Law	3
BUAD 302	Professional Development	3
BUAD 305	Applied Energy Seminar	3
Gen Ed	Area I	3
Credits		15
Spring		
BUAD 220	Spreadsheets and Analysis	3
BUAD 270	Principles of Marketing	3
ECON 202	Microeconomics	3
ECON 216 or MATH 213	Statistics for Business and Economics or Probability and Statistics (GT-MA1)	3
Gen Ed	Area I	3
Credits		15
Year Three		
Fall		
BUAD 185	Business Communication	3
BUAD 320	Property and Contracts	3
BUAD 323	Evolution of the Energy Economy	3
Elective	Elective or minor course	3
Gen Ed	General Education (Area III)	3
Credits		15
Spring		
BUAD 240	Strategic Negotiations	3
BUAD 421	Energy Contracts	3
Gen Ed	General Education (Area III)	3
Elective	Elective or minor course	3
EM Elective	EM Elective course	3
Credits		15
Summer		
BUAD 499	Internship in Business Administration (optional, but strongly recommended)	3
Credits		3
Year Four		
Fall		
BUAD 360	Managerial Finance	3
Elective	Elective course	9
EM Elective	EM Elective course	3
Credits		15
Spring		
BUAD 333 or BUAD 350	Organizational Behavior or Human Resource Management	3
BUAD 420	Energy Law and Regulation	3
BUAD 495	Prospect Economics and Evaluation	3
Elective	Elective	6
Credits		15
Total Credits		124