

ECONOMICS (ENERGY ECONOMICS) - BACHELOR OF BUSINESS ADMINISTRATION

This program is especially suitable for students interested in a career in the energy sector. This degree prepares you for jobs in the energy sector, including those in administration, and those leading eventually to positions of executive responsibility.

the concentration in energy economics must complete the following: ECON 345 (<https://catalogs.nmsu.edu/search/?P=ECON%20332>) Energy Economics (3 cr.), ECON 335v (<https://catalogs.nmsu.edu/search/?P=ECON%20336>) Business and Government (3 cr.), ECON 445 (<https://catalogs.nmsu.edu/search/?P=ECON%20401>) Oil and Natural Gas Economics (3 cr.), and ECON 471 (<https://catalogs.nmsu.edu/search/?P=ECON%20450>) Electricity Economics (3 cr.).

In addition to completing general education, (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/>) College of Business foundation and business core (<https://catalogs.nmsu.edu/nmsu/business/>), Viewing a Wider World (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/#viewingawiderworldtext>) requirements, and general electives (see above), every candidate for the bachelor of business administration in economics must complete each of these courses with a grade of C- or better.

Students must complete all University degree requirements, which include: General Education requirements, Viewing a Wider World requirements, and elective credits to total at least 120 credits with 48 credits in courses numbered 300 or above. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Prefix	Title	Credits
General Education		
Grades of C- or better are required in general education communications courses.		
<i>Area I: Communications</i>		
<i>English Composition - Level 1</i>		
Choose one from the following:		4
ENGL 1110G	Composition I	
ENGL 1110H	Composition I Honors	
ENGL 1110M	Composition I	
<i>English Composition - Level 2</i>		
ENGL 2210G	Professional and Technical Communication Honors	3
<i>Oral Communication</i>		
Choose one from the following:		3
ACOM 1130G	Effective Leadership and Communication in Agriculture	
COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
HNRS 2175G	Introduction to Communication Honors	
<i>Area II: Mathematics</i>		
MATH 1220G	College Algebra (Foundation Requirement) ¹	3
<i>Area III/IV: Laboratory Sciences and Social/Behavioral Sciences</i>		10

ECON 2110G	Macroeconomic Principles (Credits are counted in Business Core)	
ECON 2120G	Principles of Microeconomics (Credits are counted in Business Core)	
Area III: Laboratory Sciences Course (4 credits) ²		
<i>Area V: Humanities</i> ²		3
<i>Area VI: Creative and Fine Arts</i> ²		3
<i>General Education Elective</i>		
MATH 1430G	Applications of Calculus I (must earn a grade of at least C- (foundation requirement)) ¹	3
Viewing A Wider World Courses ³		6
Departmental/College Requirements		
<i>Foundation Requirements</i> ⁴		
Choose one from the following:		3
If MATH 1350G is taken before MATH 1220G then the Statistics course will satisfy the Area II Requirement and MATH 1220G must be taken as a foundation requirement ¹		
MATH 1350G	Introduction to Statistics	
A ST 311	Statistical Applications (Foundation Requirement - doesn't count as Gen.Ed)	
<i>Business Core: Lower Division (minimum grades of C- required)</i>		
ACCT 2110	Principles of Accounting I (not recommended for freshman year)	3
ACCT 2120	Principles of Accounting II	3
BCIS 1110	Introduction to Information Systems	3
BUSA 1110	Intro to Business	3
<i>Business Core: Upper Division</i>		
BCIS 338	Business Information Systems I	3
BLAW 316	Legal Environment of Business	3
BFIN 341	Financial Analysis and Markets	3
MGMT 309	Human Behavior in Organizations	3
MGMT 449	Strategic Management	3
MKTG 303	Principles of Marketing	3
Choose one from the following:		3
MGMT 344	Production and Operations Management	
MGMT 470	Project Management in Organizations	
BCIS 485	Enterprise Resource Planning	
Upper division Economics or Applied Statistics elective from the following prefixes: A ST (excluding A ST 311), ECON		3
Upper Division Business elective from the following prefixes: A ST, ACCT, B A, BCIS, BLAW, ECON, BFIN, I B, MGMT, MKTG (excluding A ST 311)		3
<i>Major Courses</i> ⁵		
ECON 304	Money and Banking	3
ECON 311	Intermediate Macroeconomic Theory	3
ECON 312	Intermediate Microeconomic Theory	3
ECON 405	Introductory Econometrics	3
<i>ECON Upper Division Electives</i>		12
At least two electives must be from the following:		
ECON 332	Public Finance	
ECON 449	Open Economy Macroeconomics	
ECON/I B 450	International Economics	
ECON 457	Mathematical Economics	
<i>Concentration Coursework</i>		
ECON 345	Energy Economics	3
ECON 335V	Business and Government	3
ECON 445	Oil and Natural Gas Economics	3
ECON 471	Electricity Economics	3

Second Language: (not required)	
Electives, to bring the total credits to 120⁶	4
Total Credits	120

¹ Students may be required to take MATH 1215 Intermediate Algebra, depending on their math placement. MATH 1220G College Algebra or MATH 1430G Applications of Calculus I or MATH 1350G Introduction to Statistics fulfills the general education requirement in math.

² See the General Education (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/>) section of the catalog for a full list of courses.

³ See the Viewing a Wider World (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/#viewingawiderworldtext>) section of the catalog for a full list of courses and how to fulfill this requirement.

⁴ All Foundation Requirement Courses must be taken, or satisfied with transfer credits, regardless of which Mathematics or Statistics course satisfies the Area II General Education course: MATH 1220G, MATH 1430G and MATH 1350G or A ST 311 must be completed.

⁵ Economics majors must earn a minimum cumulative GPA of 2.5 in the 27 credits of departmental requirements.

⁶ Elective credit may vary based on prerequisites, dual credit, AP credit, double majors, and/or minor coursework. The amount indicated in the requirements list is the amount needed to bring the total to 120 credits and may appear in variable form based on the degree. However students may end up needing to complete more or less on a case-by-case basis and students should discuss elective requirements with their advisor.

A Suggested Plan of Study for Students

This roadmap assumes student placement in MATH 1130G Survey of Mathematics and ENGL 1110G Composition I. The contents and order of this roadmap may vary depending on initial student placement in mathematics and english. It is only a suggested plan of study for students and is not intended as a contract. Course availability may vary from fall to spring semester and may be subject to modification or change.

First Year

Fall		Credits
MATH 1220G	College Algebra (C- or better) ¹	3
BCIS 1110	Introduction to Information Systems (C- or better)	3
Choose one from the following:		4
ENGL 1110G	Composition I (C- or better) ¹	
ENGL 1110H	Composition I Honors (C- or better) ¹	
ENGL 1110M	Composition I (C- or better) ¹	
Area V: Humanities ²		3
Elective Course ³		3
Credits		16

Spring

MATH 1430G	Applications of Calculus I (C- or better) ¹	3
BUSA 1110	Intro to Business (C- or better)	3
Choose one from the following:		3
ACOM 1130G	Effective Leadership and Communication in Agriculture (C- or better)	
COMM 1115G	Introduction to Communication (C- or better)	
COMM 1130G	Public Speaking (C- or better)	

HNRS 2175G	Introduction to Communication Honors (C- or better)	
Area III: Laboratory Science Course ²		4
Area VI: Creative and Fine Arts Course ²		3
Credits		16

Second Year

Fall

Choose one from the following:		3
MATH 1350G	Introduction to Statistics (C- or better) ¹	
A ST 311	Statistical Applications (C- or better)	
ECON 2110G	Macroeconomic Principles (C- or better, counts towards Area IV Gen.Ed)	3
ACCT 2110	Principles of Accounting I (C- or better)	3
ENGL 2210G	Professional and Technical Communication Honors (C- or better, counts towards Area I Gen.Ed) ¹	3
Elective Course ³		3
Credits		15

Spring

ECON 2120G	Principles of Microeconomics (C- or better, counts towards Area IV Gen.Ed) ¹	3
ACCT 2120	Principles of Accounting II	3
Elective Course ³		4
Elective Course ³		3
Viewing a Wider World Course ⁴		3
Credits		16

Third Year

Fall

ECON 304	Money and Banking ¹	3
ECON 311	Intermediate Macroeconomic Theory ¹	3
MKTG 303	Principles of Marketing	3
MGMT 309	Human Behavior in Organizations	3
ECON 345	Energy Economics	3
Credits		15

Spring

ECON 312	Intermediate Microeconomic Theory ¹	3
BLAW 316	Legal Environment of Business	3
BFIN 341	Financial Analysis and Markets	3
Viewing a Wider World Course ⁴		3
ECON 335V	Business and Government	3
Credits		15

Fourth Year

Fall

Choose one Upper-Division Elective in ECON from the following:		3
ECON 332	Public Finance ¹	
ECON 449	Open Economy Macroeconomics ¹	
ECON 450	International Economics	
or I B 450	or International Economics	
ECON 457	Mathematical Economics	
ECON or A ST Upper-Division Elective Course (excluding A ST 311) ⁵		3
Choose one from the following:		3
BCIS 485	Enterprise Resource Planning ¹	
MGMT 344	Production and Operations Management ¹	
MGMT 470	Project Management in Organizations	
BCIS 338	Business Information Systems I	3
Any Business Upper-Division Elective Course (excluding A ST 311)		3
Credits		15

Spring

ECON 405	Introductory Econometrics	3
ECON 445	Oil and Natural Gas Economics	3
MGMT 449	Strategic Management ¹	3
ECON 471	Electricity Economics	3
Credits		12
Total Credits		120

¹ Prerequisites are required, students are responsible for checking and fulfilling course prerequisites listed in the catalog.

² See the General Education (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/>) section of the catalog for a full list of courses.

³ Elective credit may vary based on prerequisites, dual credit, AP credit, double majors, and/or minor coursework. The amount indicated in the requirements list is the amount needed to bring the total to 120 credits and may appear in variable form based on the degree. However students may end up needing to complete more or less on a case-by-case basis and students should discuss elective requirements with their advisor.

⁴ See the Viewing a Wider World (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/#viewingawiderworldtext>) section of the catalog for a full list of courses.

⁵ Upper Division ECON electives are typically only offered during certain semesters, so students must plan accordingly.

Fall: ECON 337V Natural Resource Economics, ECON 449 Open Economy Macroeconomics

Fall/Summer: ECON 457 Mathematical Economics

Spring: ECON 384V Water Resource Economics

⁶ **International Business Double Majors:** Students may not receive credit for both ECON 489 Senior Economics Seminar and I B 489 Senior Seminar in International Business For this reason, students majoring in both Economics and International Business must consult with the Department Head to arrange a suitable substitution.