

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 | 3 |
| or ENGL 2210H | Professional and Technical Communication | |
| <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 Honors (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 (minimum grade of C- required)</i> | | |
| A ST 311 | Statistical Applications (Foundation Requirement - doesn't count as Gen.Ed.) | 3 |
| <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 |
| MGMT 344 | Production and Operations Management | 3 |
| Two 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) | | 6 |
| <i>Major Courses</i> ⁴ | | |
| 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 120 ⁵ | | 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 Economics majors must earn a minimum cumulative GPA of 2.5 in the 27 credits of departmental requirements.

⁵ 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 | | Credits |
|------------|--|---------|
| A ST 311 | Statistical Applications (C- or better) | 3 |
| 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 or ENGL 2210H | Professional and Technical Communication (C- or better, counts towards Area I Gen.Ed) ¹ or Professional and Technical Communication | 3 |
|--------------------------|--|---|

| | | |
|------------------------------|--|-----------|
| Elective Course ³ | | 3 |
| Credits | | 15 |

Spring

| | | |
|---|--|-----------|
| ECON 2120G | Principles of Microeconomics Honors (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 or I B 450 | International Economics or International Economics | |
| ECON 457 | Mathematical Economics | |
| Any Business Upper-Division Elective Course (excluding A ST 311) ⁵ | | 3 |
| MGMT 344 | Production and Operations Management ¹ | 3 |
| 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 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.