Department of Economics

Mission Statement

The mission of the Department of Economics at The University of Texas at San Antonio is to offer courses and degree programs at both the undergraduate and graduate levels that provide students with the opportunity to gain the necessary theoretical and quantitative tools in economics such that they can understand and apply economics in their daily lives, seek advanced degrees in economics, pursue careers in the global marketplace, and engage in public policy-making. It is also the mission of the Department to provide an environment for its faculty and students to engage in research that will further the understanding of economics and enhance the reputation of the Department, the College of Business, and the University.

The Department of Economics offers both a Bachelor of Arts degree and a Bachelor of Business Administration degree in Economics. Economics is a highly versatile major that assists students in pursuing a variety of careers, including positions in business, the public sector, the legal field, and politics, where knowledge of economics is a fundamental asset. The department also offers a minor in economics that is open to all majors in the University.

Department Honors

The Department of Economics offers the opportunity for certain of its outstanding students to achieve the designation of Honors in Economics and provides the opportunity for advanced study under close faculty supervision.

Selection for honors designation is based on the student’s academic performance and recommendation by the Department Undergraduate Program Committee (UPC) in consultation with the faculty of the student’s major discipline. To be eligible for the designation, students must have a minimum overall grade point average of 3.0 at UTSA and a minimum grade point average of 3.5 in their major at UTSA. To enroll in honors thesis courses and to graduate with the honors designation, these minimum grade point averages must be maintained. Students applying for Honors in Major are expected to enroll in the appropriate honors thesis course during their final two semesters. The completed thesis must be approved by the supervising faculty sponsor from the student’s discipline and the UPC. Students interested in this program should contact the Department of Economics office for additional information. Department honors can be attained independent of, or in addition to, University Honors. In order to have departmental honors noted on the transcript, students must submit a letter of request for departmental honors to the Department Chair by Census Date of their last semester.

• B.B.A. Degree in Economics (p. 1)
• B.A. Degree in Economics (p. 3)

Bachelor of Business Administration Degree in Economics

The minimum semester credit hours for the Bachelor of Business Administration (B.B.A.) degree in Economics is 120, at least 39 of which must be at the upper-division level.

All candidates seeking this degree must fulfill the Core Curriculum requirements, the Common Body of Knowledge (CBK) requirements, and the degree requirements, which are listed below.

Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.B.A. degree in Economics must fulfill University Core Curriculum requirements in the same manner as other students. The courses listed below satisfy both degree requirements and Core Curriculum requirements; however, if these courses are taken to satisfy both requirements, then students may need to take additional courses in order to meet the minimum number of semester credit hours required for this degree.

MAT 1033 should be used to satisfy the core requirement in Mathematics. ECO 2023 should be used to satisfy the core requirement in Social and Behavioral Sciences.

All degrees in the College of Business require 120 hours. If students elect to take a course that satisfies both a Core and COB requirement, students may need to take an additional course to meet the 120 hours.

Core Curriculum Component Area Requirements (http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degreerequirements/corecurriculumcomponentarearequirements)

| First Year Experience Requirement | 3 |
| Communication | 6 |
| Mathematics | 3 |
| Life and Physical Sciences | 6 |
| Language, Philosophy and Culture | 3 |
| Creative Arts | 3 |
| American History | 6 |
| Government-Political Science | 6 |
| Social and Behavioral Sciences | 3 |
| Component Area Option | 3 |
| **Total Credit Hours** | **42** |

Common Body of Knowledge (CBK)

All students seeking a B.B.A. degree in the College of Business must complete the following Common Body of Knowledge (CBK) courses in addition to the Core Curriculum.

| ACC 2013 | Principles of Accounting I | 3 |
| ACC 2033 | Principles of Accounting II | 3 |
| COM 1053 | Business and Professional Speech | 3 |
| or COM 1063 | Digital Business Communication | 3 |
| ECO 2013 | Introductory Macroeconomics | 3 |
| ECO 2023 | Introductory Microeconomics (satisfies Social and Behavioral Sciences Core Curriculum requirement) | 3 |
| FIN 3013 | Principles of Business Finance | 3 |
| GBA 2013 | Legal, Social and Ethical Issues in Business | 3 |
| IS 1403 | Business Information Systems Fluency | 3 |
| IS 3003 | Principles of Information Systems for Management | 3 |
| MAT 1033 | Algebra with Calculus for Business (satisfies Mathematics Core Curriculum requirement, Actuarial Science majors must take MAT 1214 in lieu of MAT 1033) | 3 |
### Course Sequence Guide for B.B.A. Degree in Economics

This course sequence guide is designed to assist students in completing their UTSA undergraduate business degree requirements. This is a term-by-term sample course guide. Students must satisfy other requirements in their catalog and meet with their academic advisor for an individualized degree plan. Progress within this guide depends upon such factors as course availability, individual student academic preparation, student time management, work obligations, and individual financial considerations.

### Degree Requirements

**A. Major Requirements**  
<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 3013</td>
<td>Intermediate Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 3053</td>
<td>Intermediate Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 3113</td>
<td>Introduction to Mathematical Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 3123</td>
<td>Introduction to Econometrics and Business Forecasting</td>
<td>3</td>
</tr>
</tbody>
</table>

**B. Support Work in Major**  
12 semester credit hours of upper-division Economics electives

**C. Additional Support Work**  
9 semester credit hours of free electives

<table>
<thead>
<tr>
<th>Option 1</th>
<th>Complete a Business Competency (9 semester credit hours in a competency)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Option 2</td>
<td>Complete 9 semester credit hours of free electives</td>
</tr>
</tbody>
</table>

**Total Credit Hours**  
33

### Recommended Four-Year Academic Plan

#### First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIS 1203</td>
<td>Academic Inquiry and Scholarship (core)</td>
</tr>
<tr>
<td>MAT 1033</td>
<td>Algebra with Calculus for Business (core and CBK)</td>
</tr>
<tr>
<td>WRC 1013</td>
<td>Freshman Composition I (Q) (core)</td>
</tr>
<tr>
<td>American History (core)</td>
<td>3</td>
</tr>
<tr>
<td>Life &amp; Physical Sciences (core)</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Second Year

<table>
<thead>
<tr>
<th>Spring</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 1053 or 1063</td>
<td>Business and Professional Speech (CBK)</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Introductory Microeconomics (core and CBK)</td>
</tr>
<tr>
<td>IS 1403</td>
<td>Business Information Systems Fluency (CBK)</td>
</tr>
<tr>
<td>WRC 1023</td>
<td>Freshman Composition II (Q) (core)</td>
</tr>
<tr>
<td>American History (core)</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Third Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 2013</td>
<td>Principles of Accounting I (CBK)</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Introductory Macroeconomics (CBK)</td>
</tr>
<tr>
<td>MS 1023</td>
<td>Business Statistics with Computer Applications I (CBK)</td>
</tr>
<tr>
<td>Language, Philosophy &amp; Culture (core)</td>
<td>3</td>
</tr>
<tr>
<td>Creative Arts (core)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Spring**  
Evaluated for Admission to the College of Business.

| ACC 2033                  | Principles of Accounting II (CBK) | 3 |
| MGT 3003                  | Business Communication and Professional Development (CBK) | 3 |
| MS 3043                   | Business Statistics with Computer Applications II (CBK) | 3 |
| Government-Political Science (core) | 3 |
| Life & Physical Sciences (core) | 3 |

#### Third Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 3013</td>
<td>Intermediate Microeconomics (major)</td>
</tr>
<tr>
<td>ECO 3113</td>
<td>Introduction to Mathematical Economics (major)</td>
</tr>
<tr>
<td>IS 3003</td>
<td>Principles of Information Systems for Management (CBK)</td>
</tr>
<tr>
<td>MS 3053</td>
<td>Management Science and Operations Technology (CBK)</td>
</tr>
</tbody>
</table>

**Spring**  
Government-Political Science (core)  
Life & Physical Sciences (core)  

| ECO 3053                  | Intermediate Macroeconomics (major) | 3 |

Students may choose to take courses during Summer terms to reduce course loads during long semesters.
Bachelor of Arts Degree in Economics

The minimum semester credit hours for the Bachelor of Arts (B.A.) degree in Economics is 120, at least 39 of which must be at the upper-division level.

All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below.

Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.A. degree in Economics must fulfill University Core Curriculum requirements in the same manner as other students. The courses listed below satisfy both degree requirements and Core Curriculum requirements; however, if these courses are taken to satisfy both requirements, then students may need to take additional courses in order to meet the minimum number of semester credit hours required for this degree.

MAT 1033 should be used to satisfy the core requirement in Mathematics. ECO 2023 should be used to satisfy the core requirement in Social and Behavioral Sciences.

All degrees in the College of Business require 120 hours. If students elect to take a course that satisfies both a Core and COB requirement, students may need to take an additional course to meet the 120 hours.

Course Sequence Guide for B.A. Degree in Economics

This course sequence guide is designed to assist students in completing their UTSA undergraduate business degree requirements. This is a term-by-term sample course guide. Students must satisfy other requirements in their catalog and meet with their academic advisor for an individualized degree plan. Progress within this guide depends upon such factors as course availability, individual student academic preparation, student time management, work obligations, and individual financial considerations.
Students may choose to take courses during Summer terms to reduce course loads during long semesters.

**Recommended Four-Year Academic Plan**

**First Year**  
**Fall**  
- AIS 1203 Academic Inquiry and Scholarship (core) 3  
- MAT 1033 Algebra with Calculus for Business (core) 3  
- WRC 1013 Freshman Composition I (Q) (core) 3  
- American History (core) 3  
- Life & Physical Sciences (core) 3  

**Spring**  
- COM 1053 Business and Professional Speech (major) 3  
- STA 1053 Basic Statistics (major) 3  
- WRC 1023 Freshman Composition II (Q) (core) 3  
- American History (core) 3  
- Creative Arts (core) 3  

**Second Year**  
**Fall**  
- ECO 2023 Introductory Microeconomics (core) 3  
- Government-Political Science (core) 3  
- Language, Philosophy & Culture (core) 3  
- Life & Physical Sciences (core) 3  
- Component Area Option (core) 3  

**Spring**  
- ECO 2013 Introductory Macroeconomics 3  
- Business or non-business elective (support work) 3  
- Support coursework 3  
- Government-Political Science (core) 3  

**Third Year**  
**Fall**  
- ECO 3013 Intermediate Microeconomics 3  
- Business or non-business elective (support work) 3  
- Upper-division ECO elective (3XXX or 4XXX level) (major) 3  
- Upper-division ECO elective (3XXX or 4XXX level) (major) 3  
- Support coursework 3  

**Spring**  
- ECO 3053 Intermediate Macroeconomics 3  
- Business or non-business elective (support work) 3  
- Upper-division business or non-business elective (3XXX or 4XXX level) (support work) 3  
- Upper-division ECO elective (3XXX or 4XXX level) (major) 3  
- Support coursework 3  

**Fourth Year**  
**Fall**  
- Business or non-business elective (support work) 3  
- Upper-division business or non-business elective (3XXX or 4XXX level) (support work) 3  

Upper-division business or non-business elective (3XXX or 4XXX level) (support work) 3  
Upper-division ECO elective (3XXX or 4XXX level) (major) 3  
Upper-division ECO elective (3XXX or 4XXX level) (major) 3  

**Spring**  
- Business or non-business elective (support work) 3  
- Upper-division business or non-business elective (3XXX or 4XXX level) (support work) 3  
- Upper-division ECO elective (3XXX or 4XXX level) (major) 3  
- Upper-division ECO elective (3XXX or 4XXX level) (major) 3  

Total Credit Hours: 120.0

1. College of Business students should take MAT 1033 and ECO 2023 to satisfy Core Curriculum requirements.

**Minor in Economics**

The Minor in Economics is open to all majors in the University. All students pursuing the Minor in Economics must complete 18 semester credit hours.

A. **Required courses**  
- ECO 2013 Introductory Macroeconomics 1  
- ECO 2023 Introductory Microeconomics 1  

B. **Upper-division economics courses**  

Select 12 additional semester credit hours of upper-division economics courses

Total Credit Hours

To declare a Minor in Economics, obtain advice, and seek approval of substitutions for course requirements, students must consult their academic advisor.

**Economics (ECO) Courses**

ECO 2003. Economic Principles and Issues. (3-0) 3 Credit Hours.  
(TCCN = ECON 1301)  
A nontechnical introduction to economic concepts such as scarcity, costs and benefits, supply and demand, trade, employment, and growth, with applications to current economic issues and policies. May not be counted toward a major in economics, but may be counted as a free elective for College of Business students. May be applied toward the core curriculum requirement in Social and Behavioral Sciences. (Formerly titled "Introduction to Political Economy.") Generally offered: Fall, Spring, Summer.

ECO 2013. Introductory Macroeconomics. (3-0) 3 Credit Hours.  
(TCCN = ECON 2301)  
Prerequisite: ECO 2023. Economic analysis at the national level, including the determination of aggregate income and employment, operation of the domestic and international monetary systems, short-term income fluctuations, and long term economic growth. Generally offered: Fall, Spring, Summer.
ECO 2023. Introductory Microeconomics. (3-0) 3 Credit Hours. (TCCN = ECON 2302)
Prerequisite: Placement into a college-level mathematics course. An introduction to the economic theory of decision making by consumers and business firms; an analysis of the domestic and international market systems and their roles in allocating goods and services; and problems of market failure. May be applied toward the core curriculum requirement in Social and Behavioral Sciences. Generally offered: Fall, Spring, Summer.

ECO 3013. Intermediate Microeconomics. (3-0) 3 Credit Hours.
Prerequisites: Completion of ECO 2013, ECO 2023, and MAT 1033, or their equivalents, with a grade of "C-" or better. The study of price determination in and the welfare implications of various market structures through the development of the preference theory of consumer behavior and the profit maximization theory of producer behavior. The role and welfare impact of externalities and of government intervention are also examined. (Formerly titled "Theory of Price." Credit cannot be earned for both Theory of Price and Intermediate Microeconomics). Generally offered: Fall.

ECO 3033. Economics of Managerial Decisions. (3-0) 3 Credit Hours.
Prerequisites: Completion of ECO 2013, ECO 2023, and MAT 1033, or their equivalents, with a grade of "C-" or better. Managerial economic decisions in firms and related entities. Topics include demand analysis, least-cost production, profit strategy, the influence of various market structures on the firm, advanced issues in pricing, and the impact of the international sector. Generally offered: Fall, Spring.

ECO 3053. Intermediate Macroeconomics. (3-0) 3 Credit Hours.
Prerequisites: Completion of ECO 2013 and ECO 2023, or their equivalents, with a grade of "C-" or better. Analysis of the measurement, determination, and control of aggregate economic activity such as national income, output, employment, interest rates, the price level, and exchange rates. The roles of monetary and fiscal policy and their relation to income and employment, short-term income fluctuations, and long-term growth are also explored. (Formerly titled "Aggregate Economics." Credit cannot be earned for both Aggregate Economics and Intermediate Macroeconomics). Generally offered: Fall, Spring.

ECO 3113. Introduction to Mathematical Economics. (3-0) 3 Credit Hours.
Prerequisites: Completion of ECO 2013, ECO 2023, and MAT 1033, or their equivalents, with a grade of "C-" or better. Systematic introduction to the economic theory of decision making by consumers and business firms; an analysis of the domestic and international market systems and their roles in allocating goods and services; and problems of market failure. May be applied toward the core curriculum requirement in Social and Behavioral Sciences. Generally offered: Fall, Spring, Summer.

ECO 3163. Evolution of Economic Thought. (3-0) 3 Credit Hours.
Prerequisite: Completion of one of the following: ECO 2013, ECO 2023, or the equivalent, with a grade of "C-" or better, or consent of instructor, Department Chair, and Dean of the College. Development of economic theories, models, and schools of thought from the birth of market economies to the present, with an emphasis on the historical, institutional, and social forces shaping economic thinking and public policy.

ECO 3183. Economic History of the United States. (3-0) 3 Credit Hours.
Prerequisite: Completion of one of the following: ECO 2013, ECO 2023, or the equivalent, with a grade of "C-" or better, or consent of instructor, Department Chair, and Dean of the College. The growth and development of the American economy from colonial times to the present; emphasis on applying a variety of economic concepts to a topical study of the economic forces that shaped the country's history.

ECO 3193. International Economics. (3-0) 3 Credit Hours.
Prerequisite: Completion of one of the following: ECO 2013, ECO 2023, or the equivalent, with a grade of "C-" or better, or consent of instructor, Department Chair, and Dean of the College. Principles of international trade; significance of geographic, economic, social, and political influences; current problems in international trade and payments; tariffs and commercial policy; and the role of international organizations. (Formerly titled "The International Economy.") Generally offered: Fall, Spring.

ECO 3213. Economics of Antitrust and Regulation. (3-0) 3 Credit Hours.
Prerequisite: Completion of one of the following: ECO 2013, ECO 2023, or the equivalent, with a grade of "C-" or better, or consent of instructor, Department Chair, and Dean of the College. The course examines and analyzes the ever changing role of healthcare and the impact on the economy and society. Social issues with respect to healthcare in the U.S. and world markets are analyzed using economics principles. Current healthcare related topics are addressed.

ECO 3233. Health Economics and Policy. (3-0) 3 Credit Hours.
Prerequisite: Completion of one of the following: ECO 2013, ECO 2023, or the equivalent, with a grade of "C-" or better, or consent of instructor, Department Chair, and Dean of the College. A seminar on applying economic reasoning and models to a wide variety of public, ethical, and social issues. Uses advanced techniques in political economy.

ECO 3253. Economics of Public and Social Issues. (3-0) 3 Credit Hours.
Prerequisite: Completion of one of the following: ECO 2013, ECO 2023, or the equivalent, with a grade of "C-" or better. Theory and empirical evidence relating to the structure of American industry and its effect on the firm’s conduct and performance, government policy, and regulation.
ECO 3273. Introduction to Public Sector Economics. (3-0) 3 Credit Hours.
Prerequisite: Completion of one of the following: ECO 2003, ECO 2023, or the equivalent, with a grade of "C-" or better. Role of government in the marketplace; cost-benefit analysis; spending and regulatory alternatives; efficiency and equity analysis of taxes; incentives within government; and public policy issues.

ECO 3283. Labor Economics. (3-0) 3 Credit Hours.
Prerequisite: Completion of one of the following: ECO 2003, ECO 2013, ECO 2023, or the equivalent, with a grade of "C-" or better, or consent of instructor, Department Chair, and Dean of the College. Theories of wages and employment determination; U.S. labor history, comparative labor movements, and contemporary labor problems.

ECO 3313. Money and Banking. (3-0) 3 Credit Hours.
Prerequisite: ECO 2013 or the equivalent. A study of money, the financial system, interest rates, commercial and central banking, monetary theory and policy implementation by the Federal Reserve, and resultant economic impacts both nationally and internationally. (Same as FIN 3313. Credit cannot be earned for both ECO 3313 and FIN 3313).

ECO 4233. Behavioral Economics and Finance. (3-0) 3 Credit Hours.
Prerequisites: Completion of ECO 2013, ECO 2023, and MAT 1033, or their equivalents, with a grade of "C-" or better, or consent of instructor, Department Chair, and Dean of the College. This course introduces the behavioral concepts and theories. Topics include prospect theory, biases in probabilistic judgment, and nudge theory. Issues on how to apply these behavioral concepts to real life, focusing on improving decision making in health, financial wealth, and happiness are addressed.

ECO 4273. Environmental and Resource Economics. (3-0) 3 Credit Hours.
Prerequisite: Completion of one of the following: ECO 2003, ECO 2023, or the equivalent, with a grade of "C-" or better. Economic principles applied to natural resource and environmental problems; relationship of market and nonmarket forces to environmental quality and demands for natural resources; and development of tools for policy analysis.

ECO 4303. Economics of Developing Countries. (3-0) 3 Credit Hours.
Prerequisite: Completion of one of the following: ECO 2003, ECO 2013, or the equivalent, with a grade of "C-" or better, or consent of instructor, Department Chair, and Dean of the College. Specific economic problems of developing countries and national groupings; basic approaches to economic development; major proposals for accelerating development; role of planning; and trade, aid, and economic integration. (Formerly titled "Economic Problems of Developing Countries").

ECO 4543. Economics of School System Reform. (3-0) 3 Credit Hours.
Prerequisite: Completion of one of the following: ECO 2003, ECO 2023, or the equivalent, with a grade of "C-" or better, or consent of instructor, Department Chair, and Dean of the College. Nontechnical applications of basic economic principles to issues facing school systems at the primary and secondary levels worldwide; including background on the evolution of current systems, analysis of critical policy issues such as inefficiencies and inequities; examination of scholars’ and policymakers’ proposals for transformative reform; and consideration of opportunities for research on the issues.

ECO 4913. Independent Study. (0-0) 3 Credit Hours.
Prerequisites: A 3.0 College of Business grade point average, permission in writing (form available) from the instructor, the student’s advisor, the Department Chair, and the Dean of the College of Business. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor’s degree.

ECO 4933. Internship in Economics. (0-0) 3 Credit Hours.
Prerequisites: 12 semester credit hours of upper-division economics, a 2.5 UTSA grade point average, and permission in writing from the instructor, the Department Chair, and the Dean of the College of Business. See academic advisor for required forms. This opportunity for work experience in research or applied economics may be undertaken either in private business or a public agency; opportunities are developed in consultation with the faculty advisor and Department Chair and require approval of both. This course will not count as a required economics course. Internships may be repeated (a total of 6 semester credit hours) provided the internships are with different organizations.

ECO 4941. Special Studies in Economics. (1-0) 1 Credit Hour.
Prerequisite: Consent of instructor, Department Chair, and Dean of the College. An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies may be repeated for credit when topics vary, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor’s degree.

ECO 4943. Special Studies in Economics. (3-0) 3 Credit Hours.
Prerequisite: Consent of instructor, Department Chair, and Dean of the College. An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies may be repeated for credit when topics vary, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor’s degree. Generally offered: Fall.

ECO 4993. Honors Thesis. (0-0) 3 Credit Hours.
Prerequisite: Enrollment limited to students applying for Honors in Economics. Supervised research and preparation of an honors thesis. May be repeated once for credit with advisor’s approval. Generally offered: Fall, Spring.