

# ECONOMICS - BS

The Bachelor of Science degree in Economics offers a strong liberal arts curriculum aimed at enhancing students' analytical skills and applications to better understand human behavior.

The degree plan is designed to allow opportunities for applied exploration of economic principles and theory through research, internship, and study abroad while focusing on quantitative skills and the development of rational thought and critical thinking. In addition to building skills in social science research and data analysis, the Bachelor of Science degree plan encompasses a broad spectrum of coursework from throughout the College of Arts and Sciences and Texas A&M University. By allowing for flexibility in courses that can be taken within the core curriculum, as well as for general electives, students can achieve a well-rounded education that can help with their future educational and professional goals.

To build a solid base of understanding, students take foundational courses in microeconomics, macroeconomics and mathematics, then refine those skills in statistics and intermediate economic theory classes. In upper-level courses, these reasoning abilities are applied to specific situations with a particular focus on understanding social problems from an economics perspective.

Students who graduate with a Bachelor of Science degree in Economics have a wide spectrum of career fields to choose from. Many students will pursue careers in business, law, finance, the nonprofit sector, and government, public policy and political professions.

## Program Requirements

### First Year

Fall		Semester Credit Hours
ECON 202	Principles of Economics	3
ENGL 104 or ENGL 103	Composition and Rhetoric or Introduction to Rhetoric and Composition	3
MATH 140	Mathematics for Business and Social Sciences <sup>1,2</sup>	3
American history ( <a href="https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a> )		3
Creative arts ( <a href="https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts">https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts</a> )		3
<b>Semester Credit Hours</b>		<b>15</b>
Spring		
ECON 203	Principles of Economics	3
MATH 142	Business Calculus <sup>2,3</sup>	3
Communication ( <a href="https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication">https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication</a> )		3
Government/Political science ( <a href="https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science">https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science</a> )		3

Language, philosophy and culture (<https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture>) 3

**Semester Credit Hours 15**

### Second Year

Fall		
ACCT 209	Survey of Accounting Principles	3
ECMT 461	Economic Data Analysis <sup>4</sup>	3
ECON 323	Microeconomic Theory <sup>5</sup>	3
Life and physical sciences ( <a href="https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences">https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences</a> )		3
Literature directed elective ( <a href="https://catalog.tamu.edu/undergraduate/arts-and-sciences/">https://catalog.tamu.edu/undergraduate/arts-and-sciences/</a> )		3

**Semester Credit Hours 15**

### Spring

ACCT 210	Survey of Managerial and Cost Accounting Principles	3
ECMT 463	Introduction to Econometrics	3
ECON 410	Macroeconomic Theory	3
American history ( <a href="https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a> )		3
Government/Political science ( <a href="https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science">https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science</a> )		3

**Semester Credit Hours 15**

### Third Year

Fall		
Language, philosophy and culture or creative arts ( <a href="https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture">https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture</a> )		3
Life and physical sciences ( <a href="https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences">https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences</a> )		3
Economics elective <sup>6</sup>		3
Economics elective <sup>6</sup>		3
General elective <sup>7</sup>		3

**Semester Credit Hours 15**

### Spring

Life and physical sciences ( <a href="https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences">https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences</a> )		3
Social and behavioral sciences ( <a href="https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences">https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences</a> )		3
Economics elective <sup>6</sup>		3
Economics elective <sup>6</sup>		3
General elective <sup>7</sup>		3

**Semester Credit Hours 15**

### Fourth Year

Fall		
Economics elective <sup>6</sup>		3
Economics elective <sup>6</sup>		3

Literature directed elective ( <a href="https://catalog.tamu.edu/undergraduate/arts-and-sciences/">https://catalog.tamu.edu/undergraduate/arts-and-sciences/</a> )	3
General elective <sup>7</sup>	3
General elective <sup>7</sup>	3
<b>Semester Credit Hours</b>	<b>15</b>
<b>Spring</b>	
Social and behavioral sciences ( <a href="https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences">https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences</a> )	3
Economics elective <sup>6</sup>	3
General elective <sup>7</sup>	3
General elective <sup>7</sup>	3
General elective <sup>7</sup>	3
<b>Semester Credit Hours</b>	<b>15</b>
<b>Total Semester Credit Hours</b>	<b>120</b>

<sup>1</sup> MATH 148, MATH 152, or MATH 172 will be accepted in lieu of MATH 140.

<sup>2</sup> Students who wish to pursue a graduate degree in Economics (or other STEM Graduate Degree) are highly encouraged to select MATH 151 and MATH 152 in lieu of MATH 140 and MATH 142.

<sup>3</sup> MATH 147, MATH 151, or MATH 171 will be accepted in lieu of MATH 142.

<sup>4</sup> Student must complete ECMT 461 prior to ECMT 463.

<sup>5</sup> ECON 323 is a pre-requisite for most ECON electives.

<sup>6</sup> Select from ECMT 475, ECON 301-499 (<https://catalog.tamu.edu/undergraduate/course-descriptions/econ/>).

<sup>7</sup> Select any 100-499 course not used elsewhere. ECON 100-499 (<https://catalog.tamu.edu/undergraduate/course-descriptions/econ/>) and ECMT 100-499 (<https://catalog.tamu.edu/undergraduate/course-descriptions/ecmt/>) may not be used to fulfill this requirement.

Graduation requirements include 3 hours of International and Cultural Diversity (<https://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/>) courses and 3 hours of Cultural Discourse (<https://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/>) courses. A course satisfying a Core category, a college/department requirement, or a free elective can be used to satisfy this requirement. The required 6 hours may be met by courses satisfying other areas of a degree program. See your academic advisor for further information.

No more than 39 credits in economics and econometrics can be applied to this degree. A grade of C or higher is required for all Economics and Econometrics coursework.