

# ECONOMICS - 5-YEAR BACHELOR OF SCIENCE AND MASTER OF SCIENCE IN ECONOMICS

Within the curriculum of this program, a student will receive rigorous training in economics, econometrics, analytical and quantitative skills in order to prepare them for immediate careers in business or government, or further study in top economics and finance PhD programs.

The Department of Economics offers a 5-year combined degree program that provides the opportunity to earn a Bachelor of Science in Economics and a Master of Science in Economics with a concentration in either Financial Economics or Financial Econometrics. This Master's degree program was created in response to the increasingly high demand from students seeking a professional master's degree in economics and employers looking for candidates with advanced training.

## 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 ( <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
<b>Semester Credit Hours</b>		<b>15</b>

### 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

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
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 <sup>4</sup>	3
ECON 410	Macroeconomic Theory	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
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

**Semester Credit Hours 15**

### Third Year

#### Fall

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
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
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

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

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
Graduate economics elective <sup>8,9</sup>		3
General elective <sup>7</sup>		3
General elective <sup>7</sup>		3

**Semester Credit Hours 15**

#### Spring

Graduate economics elective <sup>8,9</sup>		3
General elective <sup>7</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>Summer</b>		
ECON 684	Professional Internship	6
<b>Semester Credit Hours</b>		<b>6</b>
<b>Fifth Year</b>		
<b>Fall</b>		
ECON 675	Capstone for Financial Economics/ Financial Econometrics	3
Graduate economics elective <sup>8</sup>		3
Graduate economics elective <sup>8</sup>		3
Graduate economics elective <sup>8</sup>		3
<b>Semester Credit Hours</b>		<b>12</b>
<b>Spring</b>		
Graduate economics elective <sup>8</sup>		3
Graduate economics elective <sup>8</sup>		3
Graduate economics elective <sup>8</sup>		3
Graduate economics elective <sup>8</sup>		3
<b>Semester Credit Hours</b>		<b>12</b>
<b>Total Semester Credit Hours</b>		<b>150</b>

The program includes a total of 156 hours which up to 6 hours may be applied toward both the Bachelor of Science in Economics and the Master of Science in Economics (Non-Thesis Option).

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

<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 or equivalent STAT course (Pre-approved by an advisor) 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> 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.

<sup>8</sup> ECON graduate advisor will assist with graduate elective course selection. Select from ECON 607, ECON 611, ECON 612, ECON 614, ECON 617, ECON 618, ECON 633, ECON 680, ECMT 660, ECMT 670, ECMT 673, ECMT 674, ECMT 680.

<sup>9</sup> 6 hours will count toward bachelor degree and masters degree.

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.