

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

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. Students will double count six hours of masters-level coursework toward the undergraduate degree and complete both the undergraduate degree and the 32 credit hour thesis option or 36 credit hour non-thesis option Master's degree in five years.

Students interested in this program will apply during the spring or fall semester of their junior year and, if admitted, begin taking masters-level courses in the final two semesters of their senior year with an undergraduate classification. Students are reclassified as degree seeking master's students upon completing 102 credit hours, typically in the following semester. These credit hours, predominantly taken synchronously at Texas A&M University, must include all specific course prerequisites for a baccalaureate degree in Economics, as well as the courses required by the College of Liberal Arts and the university for an undergraduate degree.

## Program Requirements

### First Year

		Semester Credit Hours
<b>Fall</b>		
ECON 202	Principles of Economics	3
ENGL 104	Composition and Rhetoric	3
Select one of the following:		3
MATH 140	Mathematics for Business and Social Sciences	
MATH 148	Calculus II for Biological Sciences	
MATH 152	Engineering Mathematics II	
MATH 172	Calculus II	
American history ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a> )		3
Creative arts ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts</a> )		3
Semester Credit Hours		15
<b>Spring</b>		
ECON 203	Principles of Economics	3
Select one of the following:		3
MATH 142	Business Calculus	
MATH 147	Calculus I for Biological Sciences	
MATH 151	Engineering Mathematics I	
MATH 171	Calculus I	

Communication ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication</a> )	3	
Government/Political science ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science</a> )	3	
Language, philosophy and culture ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture</a> )	3	
Semester Credit Hours		15

### Second Year

#### Fall

ACCT 209	Survey of Accounting Principles	3
ECMT 461	Economic Data Analysis	3
ECON 323	Microeconomic Theory <sup>1</sup>	3
Language, philosophy and culture or creative arts ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture</a> )		3
Social and behavioral sciences ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences</a> )		3
Literature directed elective ( <a href="http://catalog.tamu.edu/undergraduate/liberal-arts/">http://catalog.tamu.edu/undergraduate/liberal-arts/</a> )		3
Semester Credit Hours		18

#### Spring

ACCT 210	Survey of Managerial and Cost Accounting Principles	3
ECMT 463	Introduction to Econometrics <sup>2</sup>	3
Government/Political science ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science</a> )		3
Life and physical sciences ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences</a> )		3
Economics elective <sup>3</sup>		3
Semester Credit Hours		15

### Third Year

#### Fall

ECON 410	Macroeconomic Theory	3
American history ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a> )		3
Life and physical sciences ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences</a> )		3
Economics elective <sup>3</sup>		3
Literature directed elective ( <a href="http://catalog.tamu.edu/undergraduate/liberal-arts/">http://catalog.tamu.edu/undergraduate/liberal-arts/</a> )		3
General elective <sup>4</sup>		3
Semester Credit Hours		18

#### Spring

ISTM 209	Business Information Systems Concepts	3
Life and physical sciences ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences</a> )		3

Social and behavioral sciences ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences</a> )	3
Economics elective <sup>3</sup>	3
Economics elective <sup>3</sup>	3
Semester Credit Hours	15
<b>Fourth Year</b>	
<b>Fall</b>	
Economics elective <sup>3</sup>	3
General elective <sup>4</sup>	3
General elective <sup>4</sup>	3
General elective <sup>4</sup>	3
Semester Credit Hours	12
<b>Spring</b>	
ECMT 674 Economic Forecasting	3
ECON 607 Foundations of Microeconomic Theory	3
General elective <sup>4</sup>	3
General elective <sup>4</sup>	3
Semester Credit Hours	12
<b>Summer</b>	
ECON 684 Professional Internship	6
Semester Credit Hours	6
<b>Fifth Year</b>	
<b>Fall</b>	
ECMT 673 Economic Analytics	3
ECMT 675 Econometrics I	3
ECON/ECMT elective <sup>5</sup>	3
ECON/ECMT elective <sup>5</sup>	3
Semester Credit Hours	12
<b>Spring</b>	
ECON 611 Foundations of Macroeconomic Theory	3
ECON/ECMT elective <sup>5</sup>	3
ECON/ECMT elective <sup>5</sup>	3
ECON/ECMT elective <sup>5</sup>	3
Semester Credit Hours	12
Total Semester Credit Hours	150

<sup>1</sup> ECON 323 is a pre-requisite for most ECON electives.

<sup>2</sup> Student must complete ECMT 461 or equivalent STAT course (Pre-approved by an advisor) prior to ECMT 463.

<sup>3</sup> Select from ECMT 475, ECON 301-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/econ/>).

<sup>4</sup> ECON 100-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/econ/>) and ECMT 100-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/ecmt/>) may not be used to fulfill this requirement.

<sup>5</sup> ECON graduate advisor will assist with graduate elective course selection.

Graduation requirements include 3 hours of International and Cultural Diversity (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/>) courses and 3 hours of Cultural Discourse (<http://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.

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.

Students enrolled in the BS-MS-ECON degree program may double count ECON 607 and ECMT 674 toward the undergraduate major requirements.

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 courses.