

# Economics - Undergraduate Programs

## Overview

**Why Economics?** It helps us understand many questions about our world. Why are there pay gaps between men and women? Why do things cost what they do? What does the national debt mean for the future? Why are some people billionaires while others are homeless? Why are cities growing and rural areas in decline? Why is health care so costly? Economics teaches us to think carefully about such problems and learn how to analyze issues.

Economics focuses on the incentives and constraints that all people face. It is preparation for a wide range of careers. The skills gained in the study of economics are desired in business as analysis is ever more popular.

Salary surveys, such as from PayScale.com, show most business degrees pay about the same at the time of graduation, but Economics graduates with analytical skills have the highest average salary at mid-career.

The BS Economics program is a STEM program designed to allow qualified students to move directly to the MS in Economics Data Analysis program. Some hours in the BS program can count toward the 30-hours needed in the MS program. Surveys show that our graduates do very well in the job market.

## Requirements for a Bachelor of Business Administration Degree in Economics

Students must meet all lower division requirements before enrolling for upper division courses. Specified prerequisites are designated for certain courses.

### Pre-Professional Course Requirements - Fulfill the University General Core Requirements (42 hours and 3 elective hours)

General Core Requirements ( <a href="http://catalog.uta.edu/academicregulations/degreerequirements/generalcorerequirements/">http://catalog.uta.edu/academicregulations/degreerequirements/generalcorerequirements/</a> )	42
Communication (minimum 6 hours required)	6
ENGL 1301	RHETORIC AND COMPOSITION I
ENGL 1302	RHETORIC AND COMPOSITION II
Mathematics (minimum 6 hours required)	6
MATH 1315	COLLEGE ALGEBRA FOR ECONOMICS & BUSINESS ANALYSIS
MATH 1316	MATHEMATICS FOR ECONOMICS AND BUSINESS ANALYSIS
Life and Physical Sciences (minimum 6 hours required)	6
From Approved University General Core Requirement List	
Language, Philosophy & Culture (minimum 3 hours required)	3
From Approved University General Core Requirement List	
Creative Arts (minimum 3 hours required)	3
From Approved University General Core Requirement List	
US History (minimum 6 hours required)	6
HIST 1301	HISTORY OF THE UNITED STATES TO 1865
HIST 1302	HISTORY OF THE UNITED STATES, 1865 TO PRESENT
Government/Political Science (minimum 6 hours required)	6
POLS 2311	GOVERNMENT OF THE UNITED STATES
POLS 2312	STATE AND LOCAL GOVERNMENT
Social & Behavioral Sciences (minimum 3 hours required)	3
Satisfied by completion of ECON 2305 in the Business Core.	
Foundational Component Area (minimum 3 hours required)	3
Satisfied by completion of ECON 2306 in the Business Core.	
Elective/UNIV 1101 or UNIV 1131 (3 hours) <small>ELECTIVE MAY BE TAKEN IN PLACE OF UNIV-BU 1101</small>	3
<b>Professional Course Requirements - Business Core (39 hours)</b>	
MANA 1301	BUSINESS IN A GLOBAL ENVIRONMENT
ACCT 2301	PRINCIPLES OF ACCOUNTING I
ACCT 2302	PRINCIPLES OF ACCOUNTING II
BSTAT 2305	INTRODUCTORY STATISTICS FOR BUSINESS ANALYTICS
ECON 2305 satisfies the Social & Behavioral Science	
ECON 2306 satisfies the Foundational Component	

INSY 2303	INTRODUCTION TO M.I.S. AND DATA PROCESSING	3
BCOM 3360	EFFECTIVE BUSINESS COMMUNICATION	3
BLAW 3310	LEGAL AND ETHICAL ENVIRONMENT OF BUSINESS	3
BSTAT 3321	INTERMEDIATE STATISTICS FOR BUSINESS ANALYTICS	3
FINA 3313	BUSINESS FINANCE	3
MANA 3318	MANAGING ORGANIZATIONAL BEHAVIOR	3
MANA 4322	STRATEGIC MANAGEMENT	3
MARK 3321	PRINCIPLES OF MARKETING	3
OPMA 3306	OPERATIONS MANAGEMENT	3
<b>Professional Course Requirements - Advanced Economics (21 hours)</b>		
ECON 3303	MONEY AND BANKING	3
ECON 3310	MICROECONOMICS	3
ECON 3312	MACROECONOMICS	3
ECON 3317	STATISTICS FOR ECONOMIC DATA ANALYSIS	3
ECON 4300	ADVANCED COMMUNICATION FOR BUSINESS AND ECONOMIC PROFESSIONALS	3
or BCOM 4380	ADVANCED COMMUNICATIONS FOR BUSINESS	
Advanced Economics Electives (33xx-43xx)		6
<b>Advanced Business Electives (15 hours)</b>		
Advanced accounting, business, finance, information systems, management, marketing, operations and supply chain management, or real estate. (No Econ)		15
<b>Total Hours</b>		<b>120</b>

## Double Majors

A Double Major option for the Bachelor of Business Administration (BBA) in Economics is available. Economics undergraduates who pursue the following Double Major program will not have the option of participating in the Fast Track Program in Business.

Completion of the Double Major is attained by including all of the following courses in the BBA Economics plan and completing with grades of C or better in each of the double major courses listed below:

## BBA in Economics and Finance

ACCT 3311	FINANCIAL ACCOUNTING I
Advanced Accounting Elective (ACCT 33xx or 43xx)	
FINA 3315	INVESTMENTS
FINA 3317	FINANCIAL INSTITUTIONS AND MARKETS
FINA 4315	ADVANCED BUSINESS FINANCIAL ANALYSIS
Advanced Finance Elective (FINA 33xx or 43xx)	

## Suggested Course Sequence

First Year			
First Semester	Hours	Second Semester	Hours
ENGL 1301		3 ENGL 1302	3
MATH 1315		3 MATH 1316	3
HIST 1301		3 HIST 1302	3
Life & Physical Science		3 Life & Physical Science	3
MANA 1301		3 Creative Arts	3
UNIV-BU 1101 (or)		1	
UNIV-BU 1131	ELECTIVE MAY BE TAKEN IN PLACE OF UNIV-BU 1101		
		<b>16</b>	<b>15</b>
Second Year			
First Semester	Hours	Second Semester	Hours
ACCT 2301		3 ACCT 2302	3
ECON 2305		3 ECON 2306	3
INSY 2303		3 BSTAT 2305	3
POLS 2311		3 POLS 2312	3
Language, Philosophy & Culture		3 Elective	2
		<b>15</b>	<b>14</b>

**Third Year**

First Semester	Hours	Second Semester	Hours
ECON 3303		3 ECON 3310	3
BLAW 3310		3 ECON 3317	3
BSTAT 3321		3 BCOM 3360	3
MANA 3318		3 FINA 3313	3
MARK 3321		3 Advanced Economics Elective	3
		<b>15</b>	<b>15</b>

**Fourth Year**

First Semester	Hours	Second Semester	Hours
ECON 3312		3 MANA 4322	3
ECON 4300 or BCOM 4380		3 OPMA 3306	3
Advanced Business Elective		3 Advanced Economics Elective	3
Advanced Business Elective		3 Advanced Business Elective	3
Advanced Business Elective		3 Advanced Business Elective	3
		<b>15</b>	<b>15</b>

Total Hours: 120

## Requirements for a Bachelor of Science Degree in Economics

Students must have completed ECON 2305 and ECON 2306 before enrolling in certain upper-level economics courses. Specified prerequisites are designated for certain courses.

The Bachelor of Science (BS) in Economics will enable graduates to meet the needs of employers in the era of "big data" and provide a strong background for those who wish to proceed to graduate school. Students will be exposed to the latest data analysis and visualization programs used in the business world and gain analytic skills that are valuable to both employers and graduate schools.

### Pre-Professional Course Requirements - Fulfill the University General Core Requirements (42 hours and 3 elective hours)

General Core Requirements ( <a href="http://catalog.uta.edu/academicregulations/degreerequirements/generalcorerequirements/">http://catalog.uta.edu/academicregulations/degreerequirements/generalcorerequirements/</a> )	42
Communication (minimum 6 hours required)	6
ENGL 1301 RHETORIC AND COMPOSITION I	
ENGL 1302 RHETORIC AND COMPOSITION II	
Mathematics (minimum 6 hours required)	6
MATH 1315 COLLEGE ALGEBRA FOR ECONOMICS & BUSINESS ANALYSIS	
MATH 1316 MATHEMATICS FOR ECONOMICS AND BUSINESS ANALYSIS	
Life and Physical Sciences (minimum 6 hours required)	6
From Approved University General Core Requirement List	
Language, Philosophy & Culture (minimum 3 hours required)	3
From Approved University General Core Requirement List	
Creative Arts (minimum 3 hours required)	3
From Approved University General Core Requirement List	
US History (minimum 6 hours required)	6
HIST 1301 HISTORY OF THE UNITED STATES TO 1865	
HIST 1302 HISTORY OF THE UNITED STATES, 1865 TO PRESENT	
Government/Political Science (minimum 6 hours required)	6
POLS 2311 GOVERNMENT OF THE UNITED STATES	
POLS 2312 STATE AND LOCAL GOVERNMENT	
Social & Behavioral Sciences (minimum 3 hours required)	3
Satisfied by completion of ECON 2305 in the Business Core.	
Foundational Component Area (minimum 3 hours required)	3
Satisfied by completion of ECON 2306 in the Business Core.	
Elective/UNIV 1101 or UNIV 1131 (3 hours required) <sup>ELECTIVE MAY BE TAKEN IN PLACE OF UNIV-BU 1101</sup>	3
<b>Professional Course Requirements - Business Core (27 hours)</b>	
MANA 1301 BUSINESS IN A GLOBAL ENVIRONMENT	3
ACCT 2301 PRINCIPLES OF ACCOUNTING I	3
ACCT 2302 PRINCIPLES OF ACCOUNTING II	3

BSTAT 2305	INTRODUCTORY STATISTICS FOR BUSINESS ANALYTICS	3
INSY 2303	INTRODUCTION TO M.I.S. AND DATA PROCESSING	3
BCOM 3360	EFFECTIVE BUSINESS COMMUNICATION	3
BLAW 3310	LEGAL AND ETHICAL ENVIRONMENT OF BUSINESS	3
BSTAT 3321	INTERMEDIATE STATISTICS FOR BUSINESS ANALYTICS	3
FINA 3313	BUSINESS FINANCE	3

**Professional Course Requirements - Economics (21 hours)**

ECON 2305 satisfies the Social &amp; Behavioral Science

ECON 2306 satisfies the Foundational Component

ECON 3303	MONEY AND BANKING	3
ECON 3310	MICROECONOMICS	3
ECON 3312	MACROECONOMICS	3
ECON 3317	STATISTICS FOR ECONOMIC DATA ANALYSIS	3
ECON 3318	REGRESSION ANALYSIS AND DATA VISUALIZATION	3
ECON 4300	ADVANCED COMMUNICATION FOR BUSINESS AND ECONOMIC PROFESSIONALS	3
ECON 4318	ECONOMIC REGRESSION ANALYSIS CAPSTONE	3

Advanced Economics Electives (Choose 3: : ECON 4311, ECON 4316, ECON 4320, ECON 4321, ECON 4322, ECON 4323, ECON 4325 or ECON 4330. ECON 4325 is highly recommended for students planning to obtain an MS degree.) 9

**Minor Requirements**

18 hours (Minor must include designated lower and upper level courses. Consult with advisor to confirm.) 18

Other electives sufficient to give the total number of hours required for the degree. Recommend INSY 3309 to develop a competitive skill set.

**Total Hours****120****Suggested Course Sequence****First Year**

First Semester	Hours	Second Semester	Hours
ENGL 1301		3 ENGL 1302	3
MATH 1315		3 MATH 1316	3
HIST 1301		3 HIST 1302	3
Life & Physical Science		3 Life & Physical Science	3
MANA 1301		3 Creative Arts	3
UNIV-BU 1101 (or)		1	
UNIV-BU 1131 <sup>ELECTIVE MAY BE TAKEN IN PLACE OF UNIV-BU 1101</sup>			
		<b>16</b>	<b>15</b>

**Second Year**

First Semester	Hours	Second Semester	Hours
ACCT 2301		3 ACCT 2302	3
ECON 2305		3 ECON 2306	3
INSY 2303		3 BSTAT 2305	3
POLS 2311		3 POLS 2312	3
Language, Philosophy & Culture		3 Elective	2
		<b>15</b>	<b>14</b>

**Third Year**

First Semester	Hours	Second Semester	Hours
ECON 3303		3 ECON 3312	3
ECON 3310		3 ECON 3317	3
BSTAT 3321		3 BCOM 3360	3
INSY 3300		3 FINA 3313	3
Minor Requirement		3 Minor Requirement	3
		<b>15</b>	<b>15</b>

**Fourth Year**

First Semester	Hours	Second Semester	Hours
ECON 3318		3 ECON 4318	3
Advanced Economics Elective		3 ECON 4300	3
BLAW 3310		3 Advanced Economics Elective	3
Minor Requirement		3 Minor Requirement	3

Minor Requirement	3 Minor Requirement	3
	15	15

Total Hours: 120

## Minor in Economics for Non-Business Majors

The College of Business:

- Requires half of the course work for a minor in business be completed in residence at UT Arlington. For an 18-hour minor requirement, this would require a minimum of 9 hours of business course work at UT Arlington.
- Requires a grade of C or better in all minor requirement courses.
- Will not use vocational and technical courses (including WECM courses) toward any business minor.

### Economics

ECON 2337	ECONOMICS OF SOCIAL ISSUES (Optional)	3
ECON 2305	PRINCIPLES OF MACROECONOMICS	3
ECON 2306	PRINCIPLES OF MICROECONOMICS	3
ECON 3303	MONEY AND BANKING <sup>1</sup>	3
ECON 3310	MICROECONOMICS <sup>1</sup>	3
ECON 3312	MACROECONOMICS <sup>1</sup>	3
ECON 33xx or 43xx <sup>1</sup>		3
<b>Total Hours</b>		<b>21</b>

<sup>1</sup> *Mandatory Prerequisites: Prerequisites MUST be met before enrollment in the course. A student should consider these when selecting courses to satisfy the minor requirement and when registering. For a complete list of prerequisites see the Undergraduate Catalog or the Business Undergraduate Advising Office.*