

ECONOMICS PROGRAMS

Applied Economics Major

An economic education provides students with an opportunity to understand the most complex and important aspects of modern societies and design solutions to tackle issues including climate change, the lack of economic opportunity and unemployment, food and water security, government accountability and transparency, poverty, and inequality, among many other pressing socio-economic issues.

“Thinking like an economist” requires analytical and quantitative skills and the ability to identify economic issues and problems while framing issues in ways other people do not see. This way of reasoning also means devising policy proposals for addressing problems and analyzing both the intended and unintended effects and consequences of these policies.

The Economics Department offers a Bachelor of Science degree with a major in Applied Economics (BSAE). The BSAE requires 30 credit hours of coursework including a core set of economics courses that prepares students to conduct applied real world analytical work, and a set of electives that allows students to pursue their passion and career interests while bridging liberal arts, business, and a variety of attractive professional careers.

The BSAE equips students with conceptual models of behavior to predict how businesses and individuals respond to market and policy changes while ensuring that graduates develop unique data literacy skills that encompasses advanced econometric and data analysis tools to enable students to analyze and quantify economic relationships.

A major in economics develops students' competence to reason logically, quantitatively, and analytically about a wide range of problems that apply to individuals on their day-to-day lives, businesses, governments, and global markets. While economists are recognized for advising the President and the Congress on economic issues, economics majors find rewarding careers in diverse fields such as banking and finance, consulting, management, market research, sales, insurance, real estate, health care administration, and law or public administration. In addition, a degree in economics is an excellent preparation for acceptance into various graduate programs.

Applied Economics Major Objectives

Students in the Applied Economics major will:

- Demonstrate critical thinking and problem solving skills in an economic context.
- Analyze the economic role of markets and government.
- Understand and debate social, political and current economic issues.
- Analyze global and international economic issues.
- Conduct quantitative economic data analysis and research.

Economics Concentration

Students can pursue an 18-credit concentration. Students must have a primary concentration in the College of Business or a major in the College of Arts and Sciences in order to complete a concentration in Economics. Developing an expertise in economics provides students with valuable skills that can be used in conjunction with business and liberal arts disciplines. Bryant's concentration and minor in economics stress the interdisciplinary implications of economics. Analytical techniques

encouraging critical thinking are used in conjunction with economic theory to interpret a plethora of economic issues and events. Economics concentration is of particular interest for those students who plan to complement their chosen concentration in one of the areas in business and other liberal arts concentrations. The option of double concentration usually will not require taking extra courses.

Economics Minor

Students can pursue a 12-credit minor in Economics. Developing an expertise in economics provides students with valuable skills that can be used in conjunction with business and liberal arts disciplines. Bryant's concentration and minor in economics stress the interdisciplinary implications of economics. Analytical techniques encouraging critical thinking are used in conjunction with economic theory to interpret a plethora of economic issues and events.

Bachelor Of Science With An Applied Economics Major Degree Requirements:

General Education Requirements

University Minor Requirements

Applied Economics Major Requirements

Required Courses:

ECO 210	Research Methods in Economics ¹	3
ECO 313	Intermediate Microeconomics	3
ECO 314	Intermediate Macroeconomics	3
ECO 315	Econometrics	3
ECO 490	Econ Capstone: Consulting Data Analysis	3

Applied Economics Elective Courses

Select three of the following: ²

ECO 201	Money and Banking	3
ECO 213	Economics of Social Issues	3
ECO 310	Mathematical Economics	3
ECO 340	Sports Economics	3
ECO 350	America and the Free Market	3
ECO 363	Industrial Organization: American Industry	3
ECO 364	Industrial Organization: Government and Business	3
ECO 367	Economic Development	3
ECO 391	Economics Internship	3
ECO 393	Managerial Economics	3
ECO 397	Directed Study in Economics	3
ECO 413	Applied Microeconomics: Case Studies	3
ECO 414	Big Data: Solving Socio-Economic and Business Issues	3
ECO 415	Applied Econometrics for Business and Policy	3
ECO 440	Machine Learning Applied to Economics	3
ECO 445	Experimental Economics	3
ECO 461	Environmental Economics	3
ECO 462	Public Finance	3
ECO 463	Labor Economics	3
ECO 464	Behavioral Economics and Applications	3
ECO 471	International Trade	3
ECO 473	Economics of Health and Medical Care	3
ECO 480	Economic Growth Policy and Practice	3

ECO 481	The Fed Challenge	3
ECO 497	Directed Study in Economics	3

Business Minor Requirement**Electives**

¹ Applied Economics Majors must take ECO 210 before ECO 315.

² At least 1 elective at the 400-level

³ ECO 113 and ECO 114 are counted toward the 30 credit Applied Economics major requirements.

A minimum of 30 credit hours is required for the major.

A minimum 120 credit hours required for graduation

Economics Concentration Requirements

Economics Concentration Requirements

ECO 313	Intermediate Microeconomics	3
ECO 314	Intermediate Macroeconomics	3
ECO 315	Econometrics	3

Economics Electives: ¹

Select three (9 credits) of the following:

ECO 201	Money and Banking	3
ECO 210	Research Methods in Economics	3
ECO 213	Economics of Social Issues	3
ECO 310	Mathematical Economics	3
ECO 340	Sports Economics	3
ECO 350	America and the Free Market	3
ECO 363	Industrial Organization: American Industry	3
ECO 364	Industrial Organization: Government and Business	3
ECO 367	Economic Development	3
ECO 391	Economics Internship	3
ECO 393	Managerial Economics	3
ECO 397	Directed Study in Economics	3
ECO 413	Applied Microeconomics: Case Studies	3
ECO 414	Big Data: Solving Socio-Economic and Business Issues	3
ECO 415	Applied Econometrics for Business and Policy	3
ECO 440	Machine Learning Applied to Economics	3
ECO 445	Experimental Economics	3
ECO 450	Current Affairs of East Asian Economy	3
ECO 461	Environmental Economics	3
ECO 462	Public Finance	3
ECO 463	Labor Economics	3
ECO 464	Behavioral Economics and Applications	3
ECO 471	International Trade	3
ECO 473	Economics of Health and Medical Care	3
ECO 480	Economic Growth Policy and Practice	3
ECO 481	The Fed Challenge	3
ECO 497	Directed Study in Economics	3

A minimum of 18 credit hours is required for the concentration.

¹ Must include one 400 level elective

Economics Minor Requirements

ECO 313	Intermediate Microeconomics	3
ECO 314	Intermediate Macroeconomics	3
One economics course at any level (ECO 210 recommended)		3
One 400-level economics course		3

A minimum of 12 credit hours is required for the minor.