

ECONOMICS (BA IN ECONOMICS)

The Economics Program

Economics is a social science that studies how incentives shape the actions of consumers, firms, and other organizations in both market and non-market settings. Economists also examine how the larger economy works by studying productivity, employment, inflation, and growth. The tools of economics include conceptual modeling of behavior and statistical analysis of data.

The program in economics offers courses that provide a valuable component of a liberal education as well as providing a foundation for careers after completion of the BA degree, for graduate work in economics and for enrollment in professional programs such as law, business, urban and regional planning, and public policy. The BA in Economics is a STEM degree (i.e., categorized among Science, Technology, Engineering, and Mathematics). For additional information on the program see the Undergraduate Program section of our department website.

Core requirements

All majors are required to take the following courses:

Code	Title	Hours
ECON 101	Principles: Microeconomics	3
ECON 102	Principles: Macroeconomics	3
ECON 303	Intermediate Microeconomic Theory	3
ECON 304	Intermediate Macroeconomic Theory	3
ECON 307	Principles and Methods of Statistics	3
ECON 308	Econometrics	3
Select one of the following:		4
MATH 108	Brief Calculus with Applications	
MATH 111	Calculus I	
MATH 131	Calculus I for Life Sciences	
Electives		18
Total Hours		40

Additional Information

Students are required to take at least 30 credit hours in ECON courses numbered 300 or above, of which at least 9 semester hours must be taken in courses numbered 400 or above.

Major Computing Requirement

Code	Title	Hours
ECON 308	Econometrics	3

Major Writing Requirement

The Major Writing Requirement may be satisfied by completing one of the following courses:

Code	Title	Hours
ECON 341	American Economic History	3
ECON 342	Global Economic History	3
ECON 380	Experimental Economics	3

ECON 400	Topics in Economics	3-4
ECON 409	Research Methods in Experimental Economics	3
ECON 411	Advanced Macroeconomics	3
ECON 412	Empirical Microeconomics	3
ECON 413	Applied Macroeconomics	3
ECON 414	Bayesian Econometrics	3
ECON 416	Capital Markets and Portfolio Choices	3
ECON 425	Energy Economics	3
ECON 446	History of Economic Thought	3
ECON 449	American Economic Mobility Over Two Centuries	3
ECON 451	Labor Market Analysis	3
ECON 452	The Economics of Gender and Work	3
ECON 453	Poverty in America	3
ECON 458	Seminar on the Economics of Higher Education	3
ECON 460	Economic Analysis of Law	3
ECON 463	Entrepreneurial Choice and Industrial Policy	3
ECON 465	Benefit-Cost Analysis and Evaluation Methodology	3
ECON 478	Empirical Macroeconomics with Micro Data	3
ECON 484	Economics of Growth	3
ECON 490	Independent Study	3-4
ECON 495 & ECON 496	Honors and Honors	6

Students may use BUAD 231 Business Statistics, MATH 106 Elementary Probability and Statistics, MATH 351 Probability and Statistics for Scientists, or SOCI 303 Quant Research Methods in place of ECON 307 Principles and Methods of Statistics, but these courses do not count as credit hours toward the Economics major.