

# Economics, BS

## Requirements

The Bachelor of Science with a major in economics requires a minimum of 120 s.h. of coursework, including at least 41 s.h. of coursework for the major. To graduate, students must have a cumulative grade-point average of at least 2.00 in all college coursework attempted, all coursework attempted at the University of Iowa, all college economics coursework attempted, and all economics coursework attempted at the University of Iowa. Coursework in the major may not be taken pass/nonpass. Students pursuing the Bachelor of Science degree in Economics must complete the College of Liberal Arts and Sciences GE CLAS Core.

Students may be able to count a limited amount of transfer credit toward the economics major, but they are required to complete the following courses at the University of Iowa: ECON:3125 Intermediate Microeconomics: Advanced and ECON:3150 Intermediate Macroeconomics, and two of the applied field courses.

The major requires courses in mathematics and statistics, economic theory, and in applied field courses. Students should pay close attention to the order in which they take courses, since some courses are prerequisites for others.

The BS program is ideal for students who plan to pursue a technical career in the public or private sector, a graduate degree in economics, or a law degree.

The Department of Economics offers ECON:3050 Professional Preparation in Economics. This is not a required course to complete the BS with a major in economics; however, it is highly recommended for economics students as it prepares them for internships and future academic and professional career paths.

The BS with a major in economics requires the following coursework.

Requirements	Hours
Mathematics and Statistics Courses	15-18
Economic Theory Courses	14
Applied Field Courses	12

## Mathematics and Statistics Courses

The department recommends that students planning to pursue a graduate degree in economics take STAT:3100 Introduction to Mathematical Statistics I and STAT:3101 Introduction to Mathematical Statistics II rather than STAT:3120 Probability and Statistics. It also recommends that they complete additional coursework in mathematics, including MATH:2700 Introduction to Linear Algebra, MATH:2850 Calculus III, and MATH:3770 Foundations of Analysis.

Course #	Title	Hours
All of these:		
MATH:1850 & MATH:1860	Calculus I and Calculus II	8
ECON:4800	Econometric Analysis: Advanced Causal Inference With Data	3

One of these:

STAT:3100 & STAT:3101	Introduction to Mathematical Statistics I and Introduction to Mathematical Statistics II (both courses required)	7
STAT:3120	Probability and Statistics	4

## Economic Theory Courses

Course #	Title	Hours
All of these:		
ECON:1100	Principles of Microeconomics	4
ECON:1200	Principles of Macroeconomics	4
ECON:3125	Intermediate Microeconomics: Advanced (Must be taken at the University of Iowa)	3
ECON:3150	Intermediate Macroeconomics (Must be taken at the University of Iowa)	3

## Applied Field Courses

Students complete four applied field courses (12 s.h.) selected from economics courses (prefix ECON) numbered 3325–4700, excluding ECON:3870 Federal Reserve Challenge and ECON:4050 Readings and Independent Study in Economics. At least two courses must be numbered between 4090–4700 and at least two of the applied field courses must be taken at the University of Iowa. Students are not guaranteed specific applied field courses. The availability of courses may be subject to prerequisites or restrictions.

## Teacher Licensure

Students interested in teaching in elementary and/or secondary schools should seek admission to the Teacher Education Program (TEP) in the College of Education.

To qualify for licensure in secondary teaching, students in the TEP complete a degree in education as well as a related College of Liberal Arts and Sciences degree. See Apply on the College of Education website for details on requirements and deadlines for applying to the College of Education and about TEP choices of majors leading to licensure.