

QUANTITATIVE ECONOMICS MAJOR

This major focuses on the systematic study of mathematical and statistical analysis of economic phenomena and problems. The coursework includes instruction in economic statistics, optimization theory, cost/benefit analysis, price theory, economic modeling, and economic forecasting and evaluation. With this degree program, students take ten courses within the major, as well as a semester of calculus (MA 131). The quantitative focus of the major includes intermediate level theory courses, two econometrics courses, and a quantitative methods in economics course. This major may be of interest to students pursuing highly analytical career fields, as well as students potentially interested in going on to graduate school in economics or related fields. This major is STEM designated so may be of particular interest to international students qualifying for extended work opportunities.

In addition to the specific major requirements described below, students must also complete all designated requirements in Foundations for Success, Contexts & Perspectives in the Arts & Sciences, Business Dynamics, Communication Intensive coursework, and the additional degree requirements for business majors. Details can be found in the Degree Requirements (catalog.bentley.edu/undergraduate/degree-requirements/) section of the catalogue, including the Overview and the Business Majors tabs.

Course	Title	Credits
Required Courses		
EC 112	Principles of Macroeconomics	3
EC 224	Intermediate Microeconomics	3
EC 225	Intermediate Macroeconomics	3
EC 282	Introduction to Econometrics	3
EC 425	Quantitative Methods in Economics and Business	3
EC 483	Applied Econometrics	3
Select four EC Electives (may be fulfilled by an EC course not otherwise required)		12