

QUANTITATIVE ECONOMICS

Economics gives us a better understanding of the environment in which all businesses operate. The Quantitative Economics major digs even deeper, focusing on the systematic study of mathematical and statistical analysis of economic phenomena and problems. You'll take two semesters of calculus and nine other courses that cover topics in economic statistics, optimization theory, cost/benefit analysis, price theory, economic modeling, economic forecasting and evaluation, and econometrics.

It's the perfect major for students pursuing highly analytical career fields, as well as anyone interested in going on to graduate school in economics or related fields. This major is STEM designated, so it may also be of particular interest to international students qualifying for extended work opportunities.

EXPERIENTIAL LEARNING

You can choose to further your classroom knowledge through our hands-on learning programs, including corporate partnerships, internships, service-learning and study abroad.

By participating in these opportunities, you will gain valuable real-world experience, learn about diverse people and perspectives, and gain new skills for living and working in a global community.

CAREERS

A major in Quantitative Economics gives students the ability to combine advanced data analysis skills with a strong background in economics. These skills are in high demand across a wide range of careers. The Bentley Quantitative Economics major also prepares students for advanced graduate studies in economics or other quantitatively oriented fields. Some of the job opportunities for students majoring in Quantitative Economics include:

- Consultant
- Investment banking associate
- Data scientist
- Quantitative analyst
- Risk modeling
- Market research

FOR MORE INFORMATION

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REQUIRED AND ELECTIVE COURSES

MAJOR REQUIREMENTS

Intermediate Microeconomics

Intermediate Macroeconomics

Introduction to Econometrics

Quantitative Methods in Economics

Applied Econometrics

Four Economics Electives

ELECTIVES

(PARTIAL LIST)

Labor Economics

Development of Economic Thought

The Economics of Multinational Corporations

Modern Economic Systems

Urban and Regional Economics

Environmental Economics

Monetary Economics

Business Forecasting

Economics of Regulation and Antitrust

The Economics of Sports

International Economics

International Economic Growth and Development

Economics of the European Union

Health Economics

Additional requirements apply for degree completion

BENTLEY
UNIVERSITY

Most Bentley students pursuing a Bachelor of Science degree take the following courses:

GENERAL EDUCATION REQUIREMENTS

Information Technology
Expository Writing I
Expository Writing II
Mathematical Sciences I
Mathematical Sciences II
Government
Problems of Philosophy
Principles of Microeconomics
Principles of Macroeconomics
First-Year Seminar (one credit)

For each of the following requirements, you can choose an applicable course from a wide variety of offerings:

Literature/Cinema
Natural Sciences
Math or Natural Sciences elective
History
Behavioral Sciences
Humanities/Social Science elective

BUSINESS CORE REQUIREMENTS

Legal and Ethical Environment of Business
Tools and Concepts
in Accounting and Finance
Practice and Applications
in Accounting and Finance
Business Statistics
Marketing-Operations Fundamentals
Human Behavior and Organizations
Business Processes and Systems
Integrated Business Project
Global Strategy

BUSINESS-RELATED ELECTIVES

Choose one course

ARTS AND SCIENCES ELECTIVES

Choose five courses

UNRESTRICTED ELECTIVES

Choose two courses

TAKE IT TO THE NEXT LEVEL.

After you've selected a major, what else can you do to make your education work harder? Customize your degree with an optional second major, choose a minor or get a head start on graduate study.

LIBERAL STUDIES MAJOR You can choose to pair your business degree with the Liberal Studies major (LSM), an optional second major with eight different concentrations. The LSM is designed to help you learn how to connect your business studies with key topics in the arts and sciences, providing you with skills in critical thinking, problem solving, creative analysis and communication — all of which will help you stand out to future employers. The LSM does not require any extra courses beyond the normal curriculum requirements.

The LSM concentrations are:

- American Studies
- Diversity and Society
- Earth, Environment and Global Sustainability
- Ethics and Social Responsibility
- Global Perspectives
- Health and Industry
- Media Arts and Society
- Quantitative Perspectives

MINORS You can further specialize your studies through one of our minors.

- Accountancy
- Actuarial Science
- Business Economics
- Business Studies (BA students only)
- Computer Information Systems
- Data Technologies
- Earth, Environment and Global Sustainability
- English and Media Studies
- Entrepreneurial Studies
- Finance
- Gender Studies
- Global Management
- Health and Industry
- History
- Human Resources Management
- Information and Process Management
- Information Design and Corporate Communication
- International Affairs
- International Economics
- Law
- Leadership
- Management
- Marketing
- Mathematical Sciences
- Modern Languages
- Nonprofit Organizations
- Philosophy
- Politics
- Psychology
- Public Policy
- Sociology
- Spanish for Business
- Sports Business Management
- Supply Chain/Operations Management
- Sustainable Investing

FALCON FAST-TRACK PROGRAM The Falcon Fast-Track program is designed for motivated undergraduate students with high academic standing in ANY undergraduate major. Depending on the program of study, master's degree requirements may be completed with one year of additional full-time academic work. Students enrolled in the Falcon Fast-Track Program have the opportunity to pursue one of nine master's programs.

For more information, visit bentley.edu/fast-track.