



# BACHELOR OF SCIENCE IN ECONOMICS AND MATHEMATICS

The STEM-designated Bachelor of Science in Economics and Mathematics is intended for students who have a strong interest in economics, applied mathematics and econometrics. The program emphasizes economics courses with more formal mathematical analysis and provides additional mathematics training, equipping students to understand and conduct more advanced research in economics and quantitative analysis. The combined major also offers one year of free electives, providing students with the flexibility to explore additional interests or transition from the combined major to a double major in economics and mathematics.

## COURSEWORK

- Actuarial Mathematics
- Differential Equations
- Econometrics
- Linear Algebra
- Macroeconomics
- Mathematical Economics
- Mathematical Reasoning
- Microeconomics
- Time Series Econometrics

## CAREER OUTLOOK

The combined major in economics and mathematics offers excellent career opportunities in government and private-sector roles, such as quantitative financial analyst, risk specialist or market analyst. The major also prepares students who are interested in pursuing a graduate degree in economics, finance and other fields with a focus on quantitative analysis.

## MORE WAYS TO STUDY ECONOMICS

- BS in Economics
- BS in Behavioral Economics, Business and Organizations
- BS in Economics and Business
- BS in Economics and Data Science
- BS in Economics and Public Health
- BA in Economics
- BA in Philosophy, Politics and Economics
- Minor in Economics
- Minor in Behavioral Economics and Business
- Minor in International Economics



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## CONTACT

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