



# Bachelor of Arts in Economics and Mathematics

The **BA in Economics and Mathematics** is a well-established joint major that prepares students for math-intensive doctoral economics programs, or quantitatively oriented MBA programs. It features substantial mathematics and economics coursework, as well as a senior seminar that emphasizes topics such as—modeling, optimization, and game theory.

**Please note:**

- All classes counting toward the degree must be taken for a letter grade.
- Students must meet the minimum GPA requirement of 2.0 to graduate with any major or minor from the department.
- Additionally, a letter grade of "D" in a prerequisite course indicates insufficient preparation for the follow up course and we recommend that you retake the course.
- Major/Minor GPA will be calculated using the better of the grades when a student repeats a course.

## Requirements

Class Number	Class Name
<b>Econ 101</b>	Principles of Microeconomics
<b>Econ 112</b>	Principles of Macroeconomics
<b>Econ 201</b>	Intermediate Microeconomics
<b>Econ 212</b>	Intermediate Macroeconomics
<b>Econ 220</b>	Intro to Statistical Methods
<b>1 additional Econ course (3 credits or more)</b>	At the 300-level or above
<b>Econ 320</b>	Econometrics
<b>1 additional Econ course (3 credits or more)</b>	At the 400-level or above
<b>Math 111</b>	Calculus I
<b>Math 112</b>	Calculus II
<b>Math 211</b>	Multivariable Calculus
<b>Math 221</b>	Linear Algebra
<b>Math 250</b>	Foundations of Mathematics
<b>1 course chosen from the following:</b>	Math 212: Differential Equations
	Math 351: Partial Differential Equations
	Math 361: Mathematical Stats I
	Math 411: Real Analysis I
<b>Math/Econ 425</b>	Mathematical Economics
<b>CS 170</b>	Introduction to Computer Science I