



The Department of Economics and Management Economics Major and Mathematics/Economics Major

The Economics major prepares students for careers in government and (after appropriate work experience) for top-30 MBA programs requiring strong quantitative reasoning skills. The Mathematics/Economics major prepares students for highly paid jobs such as business strategy consulting, master's programs in financial engineering, PhD programs in economics, and (after appropriate work experience) top-10 MBA programs.

ECONOMICS MAJOR

8 E&M classes plus two cognates

Required:

E&M 101 Principles of Microeconomics
E&M 102 The Economy and Financial Markets
E&M 202 Intermediate Macroeconomics
E&M 209 Intermediate Microeconomics with Calculus

Four units selected from the following:

E&M 273 Environmental and Natural
Resource Economics
E&M 300 Econometrics
E&M 309 Mathematical Economics
E&M 345 Money and Banking
E&M 346 Financial Markets
E&M 365 International Finance
E&M 366 International Trade
E&M 371 Issues in Modern Political Economy
E&M 372 Governmental Economics
E&M 374 Labor Economics
E&M 375 Health Economics
E&M 389 Selected Topics (with permission
of the E&M Department chair)

Two cognates:

Math 141 Calculus of a Single Variable I or
Math 143 Calculus of a Single Variable II
or Math 245 Multivariate Calculus
E&M 200 Economic Statistics or Math 209
An Introduction to Statistics or Math 309
Mathematical Statistics

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ALUMNI HIGHLIGHT



Samantha White, '20, was a mathematics and economics interdepartmental major and a statistics minor. She was a member of both Omicron Delta Epsilon and Kappa Mu Epsilon, national academic honor societies in economics and mathematics, respectively. Samantha is also part of Delta Gamma Fraternity, a Greek women's organization, and is a tutor in varying levels of mathematics.

She worked at Merrill Lynch as an intern, where she learned the details of the wealth management industry by working closely with current financial advisors. "I intend to apply what I have learned in the classroom to the office. Merrill Lynch has already provided me with so much support that I cannot wait to see what I can accomplish."

"Albion has allowed me to major in two rigorous subjects with the interdepartmental major. Because of this, Albion has given me the chance to study both mathematics and economics, while showing me the way the two fields are connected with specific courses designed for this major. The professors at Albion have shown an immense amount of support and have gone out of their way to help me with whatever it was that I needed, including resume help and searching for internships. Albion, due to the professors and the classes geared toward exactly what you want to learn, is simply incomparable."



MATHEMATICS/ECONOMICS MAJOR

13.5 units

Required:

E&M 101 Principles of Microeconomics
E&M 102 The Economy and Financial Markets
E&M 202 Intermediate Macroeconomics
E&M 209 Intermediate Microeconomics with Calculus
E&M 300 Econometrics
E&M 309 Mathematical Economics
MATH 141 Calculus of a Single Variable I
MATH 143 Calculus of a Single Variable II
MATH 239 Discrete Structures
MATH 245 Multivariate Calculus
MATH 247 Differential Equations and Linear Algebra
MATH 299 and 399 Colloquium in Mathematics
and Computer Science (0.25 units each)
MATH 309 Mathematical Statistics

Choose one course from the following:

MATH 326 Operations Research
MATH 331 Real Analysis
MATH 360 Mathematical Modeling

FOR MORE INFORMATION

We welcome your questions about economics and mathematics at Albion College

Department of Economics and Management

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Department of Mathematics

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