

# Econ 403: Mathematical Economics

## Economics

This course covers the mathematical techniques employed in economic analysis and the formal development of economic relationships. Applications of mathematical analysis to both macroeconomic and microeconomic concepts and models are presented. Topics include linear algebra, differential calculus, comparative statics, and optimization.

3 Credits

### Prerequisites

- [Econ 398: Intermediate Microeconomics](#) (Minimum grade: C)
- [Econ 399: Intermediate Macroeconomics](#) (Minimum grade: C)
- Pre-Requisite: 24 Earned Hours

### Instruction Type(s)

- Lecture: Lecture for Econ 403

### Subject Areas

- [Economics, General](#)

### Related Areas

- [Applied Economics](#)
- [Development Economics and International Development](#)
- [Econometrics and Quantitative Economics](#)
- [Economics, Other](#)
- [International Economics](#)

