

Mathematics, Computer Science and Statistics Department

Mathematics and Economics Double Major Requirements

Economics-Mathematics Combined Major (16 courses)

Students considering graduate work in economics are strongly encouraged to take Math 280 and Math 305.

The disciplines of economics and mathematics are closely related in many respects. Economics has relied heavily on mathematical analysis in the development of economic theory, while mathematics has provided solutions to optimization and control problems posed by economists.

Economics

- _____ Econ 100 Introduction to Economics
- _____ Econ 251 Intermediate Microeconomic Theory
- _____ Econ 252 Intermediate Macroeconomic Theory
- _____ Econ 342 Econometrics
- _____ Econ 344 Mathematical Economics

Electives - 3 (at least 2 courses at the 300-400 level)

- Econ 3 _____
- Econ 3 _____
- Econ 4 _____

Mathematics

- _____ Math 135 Calculus I
- _____ Math 136 Calculus II
- _____ Math 205 Multivariable Calculus (Calculus III)
- _____ Math 217 Linear Algebra
- _____ Math 325 Probability
- _____ Math 326 Mathematical. Statistics OR
- _____ Math 343 Time Series Analysis

Electives: (2) at the 300-400 level or Math 280.

- 3 _____
- 3 _____
- 4 _____
- 4 _____

Math 280 _____