Quantitative Economics

What It Is

While all economics majors have to do a little math, the quantitative track is designed to strengthen your mathematical and statistical skills. You will go beyond the required introduction to econometrics (ECON 335) and learn how to construct and test economic models with real-world applications. This track is meant for students who are interested in applying to a graduate program in Economics, or students who simply want to strengthen their quantitative skills.

Central Topics

- Econometric models
- Forecasting
- Working with data in Excel
- Statistics software (e.g. Gretl and STATA)

Complementary Minors

- Mathematics
- Statistics
- Computer Science
- Data Science

Picture Your Future

This track is strongly recommended if you might want to pursue a master’s or Ph.D. in Economics. Graduate training in Economics is highly mathematical and empirical, with a core element focused on advanced econometrics. However, even if you change your mind or want to enter the workforce, you’ll gain quantitative skills that prepare you for a variety of jobs.

Courses

This track gives students an opportunity to go above the ECON 335 requirement to take three more quantitative courses (9 credits) as part of your economics electives.

ECON 235 Working With Data

ECON 435 Intermediate Econometrics

ECON 436 Economic Forecasting

*ECON 501 Quantitative Methods for Economists

*ECON 535 Applied Econometrics

*Graduate level courses recommended only for advanced students.