ILLINOIS STATE UNIVERSITY
Illinois' first public university

M.A./M.S. in Applied Economics
Quantitative Economics Sequence

Department of Economics
Example Plan of Study

Quantitative Economics is an interdisciplinary program between the Economics and the Mathematics departments. The sequence is designed for students who intend to pursue a double Master's in Economics and Mathematics/Statistics, for students interested in the quantitative aspects of Economics, and/or for students interested in enhancing their mathematics skills to pursue a Ph.D. in Economics in the future. In addition to 22 hours of core courses in economic theory, you will take 12 or more hours of graduate-level math courses.

This is a 34-credit hour sequence. The deadline for the Fall Semester with financial support consideration is **March 15**.

First Academic Year

Fall Semester

ECO 437	Fundamentals of Econometrics
ECO 440	Advanced Microeconomic Theory
MAT 350	Applied Probability Models

Spring Semester

ECO 438	Microeconometrics
ECO 441	Advanced Macroeconomic Theory
ECO 495	Graduate Research in Applied Economics

Second Academic Year

Fall Semester

ECO 439	Applied Time Series Econometrics and Forecasting
MAT 351	Statistics and Data Analysis
ECO 4XX	Economics Elective

Spring Semester

ECO 492	Graduate Readings in Economics
MAT 455	Applied Stochastic Processes
MAT 456	Multivariate Statistics

For students continuing to receive a second Master's in Statistics:

Third Academic Year

Fall Semester

MAT 337	Advanced Linear Algebra
MAT 353	Regressions Analysis
MAT 4XX	Mathematics Elective

Spring Semester

MAT 450	Finite Sampling
MAT 458	The Design of Experiments
MAT 490	Research in Mathematics