

ECONOMICS (BA) + ECONOMICS AND QUANTITATIVE ANALYSIS (MS)

The Master of Science in Economics and Quantitative Analysis gives students the economic foundation, critical-thinking skills, and data analysis tools to make complex data-driven decisions in business, financial institutions, not-for-profits, and policy organizations. The program emphasizes the interaction of economic theory and empirical application, as students will learn to articulate economic theory as it applies to a problem and then use econometrics and statistical techniques to propose a solution.

Course	Title	Quarter Hours
ECO 105	PRINCIPLES OF MICROECONOMICS	4
ECO 106	PRINCIPLES OF MACROECONOMICS	4
ECO 305	INTERMEDIATE MICROECONOMICS	4
MAT 137	BUSINESS STATISTICS (or equivalent)	4

Course	Title	Quarter Hours
ECO 507	DATA ANALYTICS I: REGRESSION ANALYSIS	4
ECO 508	DATA ANALYTICS II: TIME SERIES AND PANEL DATA ANALYSIS	4
ECO 510	DATA ANALYTICS III: CAUSAL INFERENCE	4

Students who begin the program in winter or spring quarters will select graduate courses in consultation with the Director of the MS in Economics and Quantitative Analysis Program.

These three courses will count towards completion of the BA with a major in Economics and will also count towards completion of the MS-EQA (students are encouraged to check with the department if they are not also economics majors). The undergraduate degree will be awarded at the completion of all undergraduate work while the MS-EQA will be awarded upon completion of the remaining graduate level work in accordance with the MS-EQA requirements.