

QUANTITATIVE ECONOMICS, MA

The MA program in Quantitative Economics is designed to provide students with a rigorous training in econometrics and quantitative economics, as well as in economic theory and policy. The Economics MA, is well suited for students who wish to pursue high-level professional careers in industry and government, or further study for a Ph.D. degree in economics. The Economics MA, is classified as a STEM degree, which allows for a 24 month extension of the F1 Optional Practical Training (OPT).

The Program offers two focused areas of study: Econometrics and Quantitative Economics, and Economic Policy.

Admissions

Quantitative Economics Traditional: Fall & Spring Term Starts

Application Deadlines: Fall term- Aug 15. Spring term- January 1.

In addition to the minimum Graduate School admission requirements, to be considered for regular admission an application must include:

- Resume
- 3 Letters of Recommendation
- GPA: 3.50 minimum
- GRE minimum score of 310 (verbal + quantitative; GMAT not accepted) required with a quantitative score of at least 160 and a verbal score of at least 150.
- TOEFL score of at least 100 or an IELTS score of at least 7.0, a PTE score of at least 59 for non-native English speakers who are required to submit an English Language Test score (see below admissions criteria link).
 - Please note that this program does not accept a Duolingo Test score.
- AMP students must score a 310 (verbal & quantitative; GMAT not accepted) required with a quantitative score of at least 160 and a verbal score of at least 150.

Students not pursuing the AMP who do not meet these requirements, but who excel in other areas, maybe considered for "Admission with Permission to Continue."

See the Admission Criteria section of this catalog for more information.

Curricular Requirements

The Quantitative Economics MA program is extremely quantitative. Entering graduate students are expected to have completed undergraduate coursework in economics, statistics, and mathematics. Students must have completed the following undergraduate courses or their equivalents. Any deficiencies should be made up by taking courses during the summer before entering the master's program.

Required Undergraduate Courses

Undergraduate Required Courses	Hours
EC 308 Intermediate Microeconomics	3
EC 309 Intermediate Macroeconomics	3
ST 260 Statistical Data Analysis	3
MATH 121 or MATH 125 Calculus & Applications Calculus I	3

Quantitative Economics with Focused Area of Study (FAS)

The Quantitative Economics MA requires 30 hours of coursework: 18 hours of required courses and 12 hours in a chosen focused area of study. Students must choose one of the Focused Areas of Study to complete the MA degree in Economics: Applied Economic Analysis or Policy Economics

Required Core Courses	Hours
EC 508 Microeconomic Theory	3
EC 509 Macroeconomic Theory/Policy	3
EC 513 Economic Forecastg Analysis	3
EC 570 Mathematical Economics	3
EC 571 Econometrics	3
EC 596 Capstone Project	3
Credit Hours Subtotal:	18
FAS Course Hours	12
Total Hours	30

Applied Economic Analysis

FAS Required Courses	Hours
ST 540 Stat Prog & Comp with R	3
EC 572 or ST 560 Financial Econometrics Statistical Methods	3
Credit Hours Subtotal:	6

Electives:

Choose one 500-level Statistics elective course with faculty advisor approval.

Choose one 500-level EC/ST/CE elective course with faculty advisor approval.

FAS Courses	12
Required Core Hours	18
Total Hours	30

Economic Policy

FAS Required Courses	Hours
Electives: choose any 4 courses from the list below.	
EC 510 Law and Economics	
EC 512 Indust Org Public Policy	
EC 516 Monetary Theory & Policy	
EC 530 International Trade	
EC 531 International Finance	
EC 572 Financial Econometrics	
EC 573 Games and Decisions	
EC 597 Special Topics In Economics	
FAS Course Hours	12
Required Core Hours	18
Total Hours	30

Transfer Credit

Graduate School information on Transfer Credit.

Accelerated Master's Program

Graduate School information on Accelerated Master's Program.

Comprehensive Exam/Capstone

Plan I Requirements:

Plan I requires successful completion of 24 semester hours of course work, and a thesis (6 hours of EC 599) supervised by a graduate faculty member in Economics. A student planning to graduate in the Spring semester ought to start thinking about the thesis topic as early as possible, and no later than in early Fall of the preceding year. The thesis must be defended in front of a committee, and then submitted electronically on line through ProQuest once it has been approved by the committee. See the student guide on preparing electronic theses. Please note that a copy of the thesis or project must be available to each committee member at least two weeks prior to the presentation.

Plan II Requirements:

Students are required to take EC 596 Capstone Project. The purpose of this course is to provide students an opportunity to complete a final project using economic analysis and methods. EC 596 Capstone Project will generally be offered in the spring, to allow students to complete their program within one calendar year.

Time Limits for Degree Completion Requirements

Graduate School information on Time Limits.

Academic Misconduct Information

Graduate School information on Academic Misconduct.

Withdrawals and Leave of Absence Information

Graduate School information on Withdrawals and Leave of Absence.

Academic Grievances Information

Graduate School information on Academic Grievances.

Grades and Academic Standing

Graduate School information on Grades and Academic Standing.

Graduate School Deadlines Information

Information on Graduate School Deadlines.

Application for Graduation Information

Information on the Application for Graduation.