MASTER OF APPLIED ECONOMICS

Requirements

The MA in applied economics (MAE) can be earned with two to five semesters of additional course work beyond the BA degree. Students may enroll full time or part time, with full-time load being four courses per semester. The program includes six foundation courses, four courses in quantitative and analytical skill development, six elective courses (which can be selected to achieve up to two concentration areas) and a master's thesis/project.

If a student has previously completed equivalent course work at Mills or another college, up to ten courses may be applied towards the MA in applied economics degree, reducing the time needed to graduate. Program faculty will review transcripts submitted with your application to determine which courses can be transferred. There are two prerequisite courses for the MAE Program: Introductory Calculus and Introductory Statistics. To earn the MAE, you must take at least 24 credits (approximately eight courses) while enrolled at Mills as a graduate student. One of the courses is the master's thesis/project. For every ECON course that you take as a graduate student, sign up for 3 credits as opposed to 4 credits wherever you have that choice.

Code	Title	Credits
Foundation Courses		
16-23 semester course credits		
CS 080K/ ECON 263	Python Computer Programming	4
DATA 150/ ECON 266	Introduction to Data Analysis	4
ECON 100	Microeconomic Theory	3-4
ECON 101	Macroeconomic Theory	3
ECON 164	Econometrics and Business Forecasting	3-4
ECON 180J	Mathematics for Economics	1
or MATH 049	Multivariable Calculus	
Quantitative and Analytical Skill Development		
12-13 semester course credits		
ECON 149/249	Strategic Behavior	3
ECON 165/265	Applied Econometrics	3
ECON 182/282	Modeling and Data Analysis	4
MATH 108	Mathematical Modeling	3-4
or ECON 275	Mathematical Modeling in Economics	

Electives & Concentrations

Select a total of six elective courses (18-24 credits) from the following list, which is organized by concentration areas. Though not required, a student may earn a concentration by completing any three courses in a concentration area. [1]

Quantitative Methods Concentration

Code	Title	Credits
CS 124	Data Structures and Algorithms	4
CS 186	Web Programming	4
CS 214	Programming Languages	4
CS 241	Machine Learning	4
MATH 102	Probability and Statistics	4
MATH 104	Differential Equations	4
MATH 141	Real Analysis I	4
MATH 142	Real Analysis II	4

International Economics Concentration

Code	Title	Credits
ECON 155	International Trade	3
ECON 158	International Finance	3
PPOL 132	Theories of International Relations	3
PPOL 142	African Politics	3-4

Industry and Government Concentration

Code	Title	Credits
ECON 130	The Economics of Poverty, Inequality, and Discrimination	3
ECON 134	Public Sector Economics: The Economics of Government	3
ECON 136	Managerial Economics	3-4
ECON 139	Urban Economics	3
ECON 140		
ECON 141	Economics of Education	3
PPOL 227	Local and Community Policy Making, Planning, and Management	3
PPOL 241	Law and Public Policy	3

Environment Concentration

Code	Title	Credits
BIO 125	Principles of Ecology	4
BIO 149	Conservation Biology	4
ECON 140		
ECON 153	Environmental Economics	3
ENVS 101V	Sustaining Food Systems & the Environment	4
ENVS 107	Climate Change	3
PPOL 150/235	Environmental Policy Analysis	3

Finance Concentration

Code	Title	Credits
ECON 113	Money and Financial Institutions	3
ECON 116	Corporate Finance	3-4
ECON 118	Financial Derivatives	3
ECON 155	International Trade	3
ECON 158	International Finance	3

Masters Thesis/Project

All applied economics students must complete ECON 250 Thesis for Masters in Applied Economics while enrolled as a graduate student.

[1] A teaching practicum may substitute for one course in a concentration if approved by the Economics Department Head.