QUANTITATIVE ECONOMICS, MS

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (https://guide.wisc.edu/graduate/#requirementstext) and policies (https://guide.wisc.edu/graduate/#policiestext), in addition to the program requirements listed below.

MAJOR REQUIREMENTS
MODE OF INSTRUCTION

Face to Face	Evening/ Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	No

Mode of Instruction Definitions
Accelerated: Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

Evening/Weekend: Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

Face-to-Face: Courses typically meet during weekdays on the UW-Madison Campus.

Hybrid: These programs combine face-to-face and online learning formats. Contact the program for more specific information.

Online: These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

Requirements	Detail
Minimum Credit Requirement	30 credits
Minimum Residence Credit Requirement	16 credits
Minimum Graduate Coursework Requirement	15 credits must be graduate-level coursework. Refer to the Graduate School's Minimum Graduate Coursework (50%) Requirement policy: https://policy.wisc.edu/library/UW-1244 (https://policy.wisc.edu/library/UW-1244/).
Overall Graduate GPA Requirement	3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: https://policy.wisc.edu/library/UW-1203 (https://policy.wisc.edu/library/UW-1203/).

Other Grade Requirements	None
Assessments and Examinations	None
Language Requirements	No language requirements

REQUIRED COURSES

Code	Title	Credits
Core		
ECON 770	Data Analytics for Economists	3
ECON 704	Econometrics I	3
ECON 707	Causal Estimation in Economics	3
ECON 725	Machine Learning for Economists	3
ECON 726	Applications of Machine Learning in Economics	3
ECON 771	Advances in Artificial Intelligence for Economists	3
ECON 701	Microeconomics I	3
Electives		
Students must complete 9 credits from the following courses.		9
ECON 718	Topics in Applied Econometrics	
ECON 521	Game Theory and Economic Analysis	
ECON/ FINANCE 503	Markets with Frictions	
ECON/R M I 530	Insuring Life's Risks: Health, Aging, and Policy	
ECON/A A E/ F&W ECOL 531	Natural Resource Economics	
ECON/ POP HLTH/ PUB AFFR 548	The Economics of Health Care	
ECON 621	Markets and Models	
ECON 661	Issues in International Macroeconomics	
ECON 664	Issues in International Trade	
ECON/A A E/ ENVIR ST/ URB R PL 671	Energy Economics	
ECON 695	Topics in Economic Data Analysis	
ECON/ PHILOS 524	Philosophy and Economics	
Total Credits		**30**

Other Policy
Students in this program may not take courses outside the prescribed curriculum without faculty advisor and program director approval. Students in this program cannot enroll concurrently in other undergraduate or graduate degree programs.