

MASTER OF SCIENCE IN THE FIELD OF APPLIED ECONOMICS (STEM)

The master of science (MS) in applied economics provides students with the tools needed to succeed as economists in today's data-driven world. The program teaches students how to draw meaningful implications from economic data, to apply economic theory and quantitative methods to answer real-world policy questions, and to integrate economic analysis into their professional lives.

The program helps students develop the ability to communicate ideas through coursework, workshops, and intensive data and economic analysis. The program is offered both full- and part time to accommodate students' work schedules. Graduate certificate programs in areas such as data science, budget and public finance, accountancy, financial management, and digital marketing may be pursued simultaneously.

Graduates of the applied economics program are prepared for positions as economic analysts in government, private consulting firms, financial institutions, international organizations, and applied policy research institutions. Coursework integrating academic scholarship with hands-on research and data projects prepares graduates to enter the job market with proven skills to succeed as economists in today's data-driven world.

Program students come from the United States and around the world and are a mix of recent graduates and students with years of work experience.

This is a STEM designated program.

Visit the program website (<https://economics.columbian.gwu.edu/ms-applied-economics>) for additional information.

ADMISSIONS

Visit the Columbian College of Arts and Sciences website for application requirements (<https://columbian.gwu.edu/application-requirements>).

Supporting documents not submitted online should be mailed to:

Columbian College of Arts and Sciences, Office of Graduate Studies
The George Washington University
801 22nd Street NW, Phillips Hall 107
Washington DC 20052

For additional information about the admissions process visit the Columbian College of Arts and Sciences Frequently Asked Questions (<https://columbian.gwu.edu/graduate-admissions-faq>) page.

Contact for questions:

askccas@gwu.edu
202-994-6210 (phone)

Hours: 9:00 am to 5:00 pm, Monday through Friday

REQUIREMENTS

This Bulletin covers the degree requirements for students matriculating in the current academic year. Students who matriculated before the current year can find their requirements in the relevant archived Bulletin (<https://bulletin.gwu.edu/archives/>).

The following requirements must be fulfilled:

The general requirements stated under Columbian College of Arts and Sciences, Graduate Programs (<https://bulletin.gwu.edu/arts-sciences/#regulationsgraduatetext>).

30 credits, including 18 credits in required courses and 12 credits in elective courses.

Code	Title	Credits
Required		
ECON 6300	Mathematical Methods for Economics	
ECON 6301	Applied Microeconomic Theory	
ECON 6305	Applied Macroeconomic Theory	
ECON 6374	Probability and Statistics for Economics	
ECON 6375	Applied Econometrics	
ECON 6376	Time Series Analysis	
Electives		

12 credits in elective Economics (ECON) courses at the 6000 level or above selected in consultation with the program director.

Note: ECON 6217, ECON 6218, and ECON 6280 cannot be used to fulfill the elective requirement. With program approval, students can select up to two graduate-level courses offered by the Trachtenberg School of Public Policy and Public Administration, School of Business, School of Public Health, and/or School of Engineering and Applied Science to fulfill the elective requirement. Courses in other graduate programs also can meet this requirement with program approval.

COMBINED PROGRAMS

Combined programs

- Dual Master of Science in the field of applied economics and Graduate Certificate in accountancy (<https://bulletin.gwu.edu/arts-sciences/economics/dual-ms-applied-economics-gc-accountancy/>)
- Dual Master of Science in the field of applied economics and Graduate Certificate in budget and public finance (<https://bulletin.gwu.edu/arts-sciences/economics/dual-ms-applied-economics-gc-budget-public-finance/>)

- Dual Master of Science in the field of applied economics and Graduate Certificate in business analytics (<https://bulletin.gwu.edu/arts-sciences/economics/dual-ms-applied-economics-gc-business-analytics/>)
- Dual Master of Science in the field of applied economics and Graduate Certificate in data science (<https://bulletin.gwu.edu/arts-sciences/economics/dual-ms-applied-economics-gc-data-science/>)
- Dual Master of Science in the field of applied economics and Graduate Certificate in digital marketing and analytics (<https://bulletin.gwu.edu/arts-sciences/economics/dual-ms-applied-economics-gc-digital-marketing-communications/>)
- Dual Master of Science in the field of applied economics and Graduate Certificate in environmental resource policy (<https://bulletin.gwu.edu/arts-sciences/economics/dual-ms-applied-economics-gc-environmental-resource-policy/>)
- Dual Master of Science in the field of applied economics and Graduate Certificate in financial management (<https://bulletin.gwu.edu/arts-sciences/economics/dual-ms-applied-economics-gc-financial-management/>)
- Dual Master of Science in the field of applied economics and Graduate Certificate in geographic information systems (<https://bulletin.gwu.edu/arts-sciences/geography/certificate-geographic-information-systems/>)
- Dual Master of Science in the field of applied economics and Graduate Certificate in sport management (<https://bulletin.gwu.edu/arts-sciences/economics/dual-ms-applied-economics-gc-sport-management/>)