

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

Admission deadlines: Fall - February 1: Priority consideration for admission and funding; April 1: Guaranteed review for admission and consideration for funding, if available. (Applications for admission will continue to be accepted after April 1, when space remains available in the program.)

Spring - October 1

Applications received after the deadline will be considered on a case-by-case basis.

Standardized GRE is not required.
test scores:

The Test of English as a Foreign Language (TOEFL), the academic International English Language Testing System (IELTS), or the PTE Academic is required of all applicants except those who hold a bachelor's, master's, or doctoral degree from a college or university in the United States or from an institution located in a country in which English is the official language, provided English was the language of instruction.

Minimum scores for the program are:

Academic IELTS: an overall band score of 6.0 with no individual score below 5.0;

TOEFL: 550 on paper-based or 80 on Internet-based;
PTE Academic: 53.

Recommend: Two (2) recommendations required.

Prior academic records: Transcripts are required from all colleges and universities attended, whether or not credit was earned, the program was completed, or the credit appears as transfer credit on another transcript. Unofficial transcripts from all colleges and universities attended must be uploaded to your online application. Official transcripts are required only of applicants who are offered admission. If transcripts are in a language other than English, English language translations must be provided. The English translation alone should be uploaded into your application.

Statement of Purpose: In an essay of 500-1,000 words, state your purpose in undertaking graduate study in your chosen field. Include your academic objectives, research interests, and career plans. Also, please discuss your related qualifications, including collegiate, professional, and community activities, and any other substantial accomplishments not already mentioned on your application.

Prerequisite requirements: Successful completion of Introductory Macroeconomics and Introductory Microeconomics courses (with a grade of B or better), and one semester of college level calculus (B- grade or better).

International applicants only: Please review International Applicant Information (<https://columbian.gwu.edu/international-graduate-applicants> (<https://columbian.gwu.edu/international-graduate-applicants/>)) carefully for details on required documents, earlier deadlines for applicants requiring an I-20 or DS-2019 from GW, and English language 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:

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

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

REQUIREMENTS

The following requirements must be fulfilled: 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 6219 may not be used to fulfill the elective requirement. With program approval, students may select up to two graduate-level courses offered by the Trachtenberg School of Public Policy and Public Administration, School of Business, Milken Institute School of Public Health, and/or School of Engineering and Applied Science to fulfill the elective requirement. Courses in other graduate programs may meet this requirement subject to approval by the program director.

- 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 geographical information systems (<https://bulletin.gwu.edu/arts-sciences/economics/dual-ms-applied-economics-gc-gis/>)
- 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/>)

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/>)