

# MASTER OF SCIENCE IN THE FIELD OF APPLIED FINANCE (STEM)

The STEM master of science in applied finance degree program at the GW School of Business produces leaders in the field of finance. The program is designed to prepare students with specific career interests in the areas of financial management and research. The program of study emphasizes the theoretical foundations of finance and quantitative methods in financial management. Students engage in applied research and modeling using a variety of data sets and computer software packages. The curriculum provides in-depth study of the international and federal government regulatory dimensions of finance.

This is a STEM designated program.

Visit the program website (<https://business.gwu.edu/master-science-applied-finance/>) for additional information.

## ADMISSIONS

**Admission deadlines:** Applications are reviewed on a rolling basis. Candidates seeking financial assistance and international students requiring visas are encouraged to apply early. Only completed applications, with all required materials, will be considered for admission.

International Student Application Deadlines (for students currently outside the U.S.)

Spring: November 1st

Fall: June 1st

Transfer Student Application Deadlines (for students currently living in the U.S. who do not require a student visa)

Spring: December 1st

Fall: July 1st

**Standardized test scores:** Either the Graduate Admissions Management Test (GMAT – institution code QK4-4F-64) or the Graduate Records Exam (GRE – institution code 5246) are Optional and may be waived based on work experience

**Recommendations:** Two (2) recommendations from professional and/or academic references

**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 should be uploaded to your online application. Official transcripts are required only of applicants who are offered admission.

International applicants should upload only the English-language version of their transcripts.

**Statement of purpose:** In no more than 500 words, describe how the MSAF program fits into your professional life and your career objectives.

**Additional requirements:** A current resumé is required

**Prerequisites:** A Bachelor's degree from an accredited university with credit hours in:

Advanced Mathematics (6 credits; 3 credits must be in Calculus)

- Microeconomics (3 credits)

- Macroeconomics (3 credits)

- Financial Accounting (3 credits)

- Managerial Finance (3 credits)

- Statistics (3 credits)

Additional coursework, degrees, and/or work experience in these five areas are considered favorably in the selection process.

**International applicants only:** Please follow this link - <https://graduate.admissions.gwu.edu/international-student-application-requirements> (<https://graduate.admissions.gwu.edu/international-student-application-requirements/>) - to review the International Applicant Information carefully for details on required documents, earlier deadlines for applicants requiring an I-20 or DS-2019 from GW.

### Supporting documents not submitted online should be mailed to:

The GW School of Business  
Attn: Graduate Admissions  
2201 G Street, NW, Suite 550  
Washington, DC 20052

### Contact for questions:

gwmsf@gwu.edu ~ 202-994-8880 (phone)  
9:00 am – 5:00 pm, Monday through Friday

## REQUIREMENTS

The following requirements must be fulfilled: 36 credits in required courses.

Code	Title	Credits
<b>Required</b>		
FINA 6271	Financial Modeling and Econometrics	
FINA 6272	Global Financial Markets	
FINA 6273	Cases in Financial Management and Investment Banking	
FINA 6275	Investment Analysis and Global Portfolio Management	
FINA 6276	Financial Engineering and Derivative Securities	
FINA 6279	Real Estate Finance and Fixed-Income Security Valuation	

FINA 6280	Financial Institution Management and Modeling
FINA 6281	Cases in Financial Modeling and Engineering
FINA 6282	Advanced Financial Econometrics and Modeling (taken for 4 credits)

## COMBINED PROGRAM

### Combined program

- Dual Master of Business Administration and Master of Science in the field of applied finance (<https://bulletin.gwu.edu/business/dual-mba-and-applied-finance-ms/>)