

FINANCIAL ECONOMICS, MASTER OF SCIENCE

MS in Financial Economics (<https://advanced.jhu.edu/academics/graduate/ms-financial-economics/>)

In the Master of Science in Financial Economics program, learning economic theory is just the beginning. Students will explore practical tools and techniques, gaining the expertise to analyze global economic change. It's their pathway to careers that focus on modeling financial markets, forecasting trends, and elevating decision-making across the public and private sectors.

Johns Hopkins University lets students take control of their education with customizable core courses and an array of electives. This coursework helps students master the analytical methods used to identify financial risks and opportunities.

This is a 10-course degree program, with classes offered in the evenings in Washington, D.C., and online. The degree can be pursued at a part- or full-time pace, onsite or online, or in both modes. All undergraduate majors are welcome.

Admissions Criteria for all Advanced Academic Programs (<https://e-catalogue.jhu.edu/arts-sciences/advanced-academic-programs/enrollment-services/admission/>)

PROGRAM-SPECIFIC REQUIREMENTS

In addition to the materials and credentials required for all programs, the Master of Science in Financial Economics has the following program-specific minimum requirements:

- **Resume**
- **Two Letters of Recommendations**
- **Statement of Purpose:** In 250 words, please share with us why you are interested in pursuing the MS in Financial Economics degree at JHU. How have your academic and professional experiences led to your decision to consider this degree and how will it help you succeed in your goals?
- **Prerequisite Courses:**
 - One semester of introductory microeconomics, passed with at least a B
 - One semester of introductory macroeconomics, passed with at least a B
 - One semester of undergraduate statistics, passed with at least a B
 - One undergraduate course that covers multivariate calculus, passed with at least a B

Program Requirements

Ten courses are required to complete the Master of Science in Financial Economics: four core required courses, one core customizable, two

to four financial economics elective courses, zero to two macro and quantitative electives, and zero to one other elective.

Code	Title	Credits
Core Courses - Required:		
All four courses are required.		12
AS.440.601	Microeconomic Theory	
AS.440.602	Macroeconomic Theory	
AS.440.606	Econometrics	
AS.440.640	Financial Economics	
Core Courses - Customizable:		
Select one of the following:		3
AS.440.614	Macroeconometrics [Time-Series Analysis]	
AS.440.615	Macroeconomic Forecasting [Time Series Analysis]	
AS.440.617	Financial Econometrics [Time-Series Analysis]	
Electives 15		
<i>Financial Economics Electives</i>		
Select between two and four courses to fulfill this requirement.		
Courses cannot satisfy more than one degree requirement.		
AS.440.617	Financial Econometrics [Time-Series Analysis]	
AS.440.641	Financial Intermediation & Financial Markets	
AS.440.643	Economics of Investments and Financial Management	
AS.440.645	Behavioral Economics & Finance	
AS.440.646	Economics of Derivatives	
<i>Complementary Macro and Quantitative Electives</i>		
Choose no more than two of these courses to satisfy this concentration's requirements. Please note, you may not double-count your selected Advanced Time-Series Econometrics Course as one of your elective courses.		
AS.440.614	Macroeconometrics [Time-Series Analysis]	
AS.440.615	Macroeconomic Forecasting [Time Series Analysis]	
AS.440.616	Bayesian Econometrics	
AS.440.618	Microeconometrics [Cross-Section and Panel Analysis]	
AS.440.625	Machine Learning in Statistics	
AS.440.630	Monetary Economics	
AS.440.631	Finance and the Macroeconomy	
AS.440.632	Topics in Macroeconomics and Finance	
AS.440.634	Economic Growth	
AS.440.639	International Finance (Open Economy Macro)	
AS.440.653	Economics of the Labor Market	
<i>Other Electives</i>		
AS.440.622	Cost-Benefit Analysis	
AS.440.624	Computable General Equilibrium Modeling	
AS.440.629	Survey Research Methods	
AS.440.650	Environmental & Resource Economics	
AS.440.656	Political Economy	
AS.440.658	Industrial Organization	
AS.440.659	Law and Economics	
AS.440.661	Public Economics	
AS.440.663	Development Microeconomics	

AS.440.665	International Trade (Open Economy Micro)
AS.440.666	Regional Economics
AS.440.667	Urban Economics
AS.440.672	Economics of Health Care
AS.440.684	Game Theory

Total Credits **30**

Optional Thesis (AS.440.692)

Students may undertake their own research project as an 11th program course for three additional credits at full tuition. Prior to proposing a project, interested students must have clearly identified a research topic, and must submit a formal proposal for review and approval to the Thesis Research Committee, to be received no later than two months prior to the beginning of the term in which the student plans to enroll in the course. The proposal must follow the Thesis Guidelines, which can be obtained by contacting the program director.

The committee will help identify a mentor who is familiar with their prospective inquiry, and is willing to provide guidance and oversee the project. The mentor must be faculty teaching at the Johns Hopkins University, but the availability of a mentor cannot be guaranteed. Students must meet with the mentor periodically for discussion of the project's progress, onsite or online, and must complete a research paper, to be approved by the mentor and the committee.

Enrollment of the student is undertaken by the program director.

Prerequisites: All five core courses and Macroeconometrics or Macroeconomic Forecasting or Financial Econometrics, and two or more Financial Economics electives in the substantive area of the proposed research, plus a strong academic record (at least B+ average) in at least eight program courses, are required.