

FINANCE, MASTER OF SCIENCE, FINANCIAL ECONOMETRICS CONCENTRATION

The Master of Science in Finance with a required area of concentration in Financial Econometrics helps build the entrepreneurial capacity of students to comprehend global financial markets with its implications on local investment environments.

The Carey MS in Finance program features:

- Johns Hopkins University's world-class faculty and experienced practitioners in the field of finance
- Choose between a 12- or 15-month program
- A rigorous quantitative curriculum with emphasis on computational, statistical, and econometric techniques and their role in sophisticated financial decision-making
- Strong theoretical and practical foundations in the analysis of complex financial instruments, portfolio allocation, and risk management, but also in corporate finance, company valuation, and corporate governance
- A significant portion of the curriculum is devoted to the CFA Institute's Candidate Body of Knowledge, preparing our students to sit for the CFA exams

International students in F-1 status who complete this program and obtain post-completion Optional Practical Training (OPT) (<https://ois.jhu.edu/students/current-f-1-students/f-1-training-and-employment/optional-practical-training/>) may be eligible for the STEM OPT Extension (<https://ois.jhu.edu/students/current-f-1-students/f-1-training-and-employment/opt-stem-extension/>). Students should consult the Office of International Services (<https://ois.jhu.edu/contact-ois/announcements/>) if they have questions about this benefit.

Program Requirements

The program requires 36 credits. Full-time MS Finance students must complete the program in three semesters: fall, spring, and summer for the 12-month program; and fall, spring, and fall for the 15-month program. Course waivers are not granted in this program. Area of concentration is required for the 12- and 15-month MS in Finance.

Curriculum

The curriculum for the MS in Finance program includes the following courses. Course sequence and availability of specific electives may vary. Students must consult with an academic advisor to ensure that they take courses in the approved sequence. All courses are 2 credits unless otherwise noted.

Code	Title	Credits
Business Foundations		
BU.120.601	Business Communication	2
BU.131.601	Business Leadership and Human Values	2
BU.510.601	Statistical Analysis	2
Functional Core		
BU.210.620	Accounting and Financial Reporting	2

BU.231.620	Corporate Finance	2
BU.232.710	Derivatives	2
BU.230.620	Financial Modeling and Valuation	2
BU.232.720	Fixed Income	2
BU.232.701	Investments	2
Area of Concentration Courses		
BU.232.640	Empirical Finance	2
BU.232.610	Computational Finance	2
BU.232.620	Linear Econometrics for Finance	2
BU.232.630	Non-Linear Econometrics for Finance	2
Elective Courses		
Select five of the following:		10
BU.231.790	Advanced Corporate Finance	
BU.232.790	Advanced Hedge Fund Strategies	
BU.232.750	Advanced Portfolio Management	
BU.520.710	AI Essentials for Business	
BU.220.620	Business Microeconomics	
BU.232.650	Continuous Time Finance	
BU.231.720	Corporate Governance	
BU.232.770	Cryptos and Blockchain	
BU.232.725	Emerging Markets	
BU.233.730	Entrepreneurial Finance	
BU.230.750	Financial Crises and Contagion	
BU.231.710	Financial Institutions	
BU.232.715	Financial Stability	
BU.210.650	Financial Statement Analysis	
BU.232.745	Introduction to Angel and Venture Investing	
BU.232.775	Machine Learning for Finance	
BU.230.730	Managing Financial Risk	
BU.231.740	Mergers and Acquisitions	
BU.232.760	Private Equity	
BU.232.780	Student Managed Investment Fund	
BU.220.610	The Firm and the Macroeconomy	
BU.232.730	Wealth Management	

Carey Elective - Students may fulfill ONE general elective with a Carey course for which they meet the prerequisites and enrollment criteria.

Total Credits 36