

FINANCE, MASTER OF SCIENCE

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
- 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

Program Requirements

The program requires 36 credits. Full-time MS Finance students must complete the program in three semesters: fall, spring, and summer. Course waivers are not granted in this program. Area of concentration is required for the 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.210.620	Accounting and Financial Reporting	2
BU.120.601	Business Communication	2
BU.131.601	Business Leadership and Human Values	2
BU.231.620	Corporate Finance	2
BU.220.620	Business Microeconomics	2
BU.232.701	Investments	2
BU.510.601	Statistical Analysis	2
Functional Core		
BU.232.610	Computational Finance	2
BU.232.710	Derivatives	2
BU.232.640	Empirical Finance	2
BU.230.620	Financial Modeling and Valuation	2
BU.232.720	Fixed Income	2
BU.232.620	Linear Econometrics for Finance	2
BU.232.630	Non-Linear Econometrics for Finance	2
Elective Courses		

Select four of the following:		8
BU.231.790	Advanced Corporate Finance	
BU.232.790	Advanced Hedge Fund Strategies	
BU.232.750	Advanced Portfolio Management	
BU.520.710	Big Data Machine Learning	
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.230.730	Managing Financial Risk	
BU.231.740	Mergers and Acquisitions	
BU.232.760	Private Equity	
BU.220.610	The Firm and the Macroeconomy	
BU.232.730	Wealth Management	
Total Credits		36