

APPLIED ECONOMICS, MS/ FINANCIAL MANAGEMENT CERTIFICATE

MS in Applied Economics and Certificate in Financial Management

To allow students to better exploit the strong complementary relationship between finance and economics, Carey Business School and the Applied Economics program have eliminated the overlap between the Master of Science in Applied Economics and the Graduate Certificate in Financial Management. This enables students to earn both the MS degree and a graduate certificate for a total of 15 courses—eight through the MS in Applied Economics program and seven through Carey Business School.

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 Applied Economics program also requires:

- 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

The program requires 15 courses: Eight Applied Economics courses and seven courses for the certificate.

Code	Title	Credits
MS Applied Economics		
Core Courses - Required:		
AS.440.601	Microeconomic Theory	3
AS.440.602	Macroeconomic Theory	3
AS.440.606	Econometrics	3
AS.440.640	Financial Economics	3
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]	
AS.440.618	Microeconometrics [Cross-Section and Panel Analysis]	

Electives

Select three of the following:		9
AS.440.614	Macroeconometrics [Time-Series Analysis]	
AS.440.615	Macroeconomic Forecasting [Time Series Analysis]	
AS.440.616	Bayesian Econometrics	
AS.440.617	Financial Econometrics [Time-Series Analysis]	
AS.440.618	Microeconometrics [Cross-Section and Panel Analysis]	
AS.440.622	Cost-Benefit Analysis	
AS.440.624	Computable General Equilibrium Modeling	
AS.440.625	Machine Learning in Statistics	
AS.440.629	Survey Research Methods	
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.440.641	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	
AS.440.650	Environmental & Resource Economics	
AS.440.653	Economics of the Labor Market	
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	

Code	Title	Credits
Certificate in Financial Management		
Required Courses		
BU.210.620	Accounting and Financial Reporting	2
BU.230.620	Financial Modeling and Valuation	2
BU.231.620	Corporate Finance	2
BU.231.720	Corporate Governance	2
BU.232.701	Investments	2
Electives		
Select two of the following: 4		
BU.210.650	Financial Statement Analysis	
BU.210.680	Cost Measurement and Control	
BU.230.730	Managing Financial Risk	
BU.230.750	Financial Crises and Contagion	
BU.231.710	Financial Institutions	
BU.231.740	Mergers and Acquisitions	
BU.231.790	Advanced Corporate Finance	
BU.232.650	Continuous Time Finance	

BU.232.710	Derivatives
BU.232.720	Fixed Income
BU.232.725	Emerging Markets
BU.232.730	Wealth Management
BU.232.750	Advanced Portfolio Management
BU.232.770	Cryptos and Blockchain
BU.232.790	Advanced Hedge Fund Strategies
BU.233.730	Entrepreneurial Finance
BU.510.650	Data Analytics
BU.520.710	Big Data Machine Learning