

APPLIED ECONOMICS, MS/ FINANCIAL MANAGEMENT CERTIFICATE

MS in Applied Economics and Certificate in Financial Management

The Master of Science in Applied Economics program and the Carey Business School offer the MS in Applied Economics and Certificate in Financial Management combined credential to allow students to exploit the complementary relationship between finance and economics. This enables students to earn both the MS degree and a graduate certificate for a total of 13 courses—eight through the MS in Applied Economics program and five through Carey Business School.

Admissions Criteria for All Advanced Academic Programs (<https://e-catalogue.jhu.edu/arts-sciences/advanced-academic-programs/Admission/#admissionrequirements>)

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

Students pursuing the combined MS in Applied Economics and Certificate in Financial Management must complete 13 courses:

- Eight MS in Applied Economics program courses
- Five courses from Carey Business School for the certificate

Code	Title	Credits
MS Applied Economics		
Core Courses - Required:		9
AS.440.601	Microeconomic Theory	
AS.440.602	Macroeconomic Theory	
AS.440.606	Econometrics	
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 four of the following:		12
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.440.630	Monetary Economics	
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.440.661	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 **24**

Code	Title	Credits
Certificate in Financial Management		
Required Courses		10
BU.210.620	Accounting and Financial Reporting	
BU.230.620	Financial Modeling and Valuation	
BU.231.620	Corporate Finance	
BU.231.720	Corporate Governance	
BU.232.701	Investments	

Total Credits **10**