

APPLIED ECONOMICS, MS/ INVESTMENT CERTIFICATE

MS in Applied Economics and Certificate in Investments

The Master of Science in Applied Economics program and the Carey Business School offer a combined MS in Applied Economics and Certificate in Investments 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 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/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

Students pursuing the MS in Applied Economics and Certificate in Investments must complete 15 courses:

- Eight MS in Applied Economics courses
- Seven 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 Investments

Core Courses - Required: **10**

BU.210.620	Accounting and Financial Reporting
BU.231.620	Corporate Finance
BU.232.710	Derivatives
BU.232.720	Fixed Income
BU.232.701	Investments

Electives

Select two of the following: **4**

BU.210.650	Financial Statement Analysis
BU.230.620	Financial Modeling and Valuation
BU.230.730	Managing Financial Risk
BU.230.750	Financial Crises and Contagion
BU.231.710	Financial Institutions
BU.231.720	Corporate Governance
BU.231.740	Mergers and Acquisitions
BU.231.790	Advanced Corporate Finance
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 AI Essentials for Business

Total Credits

14