

APPLIED ECONOMICS, MS/ INVESTMENT CERTIFICATE

MS in Applied Economics and Certificate in Investments

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 Investments. 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

Total Credits 24

Code	Title	Credits
Certificate in Investments		
Core Courses - Required:		
BU.210.620	Accounting and Financial Reporting	2
BU.231.620	Corporate Finance	2
BU.232.710	Derivatives	2
BU.232.720	Fixed Income	2
BU.232.701	Investments	2
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 Big Data Machine Learning