

MS in Economics Curricular Map

B=Beginner; I=Intermediate; A=Advanced

COURSE	1.1	1.2	2.1	2.2	3.1	3.2	3.3	4.1	4.2
CORE COURSES									
Quantitative Methods	B	B		B					
Economic Statistics	B	B	B	B					
Microeconomic Theory	I	I	I	I	I		I		
Macroeconomic Theory	I	I	I	I		I	I	I	
Econometrics I	I	I	I	I	I	I			I
Economic Research Seminar	A	A	A	A	A	A	A	A	A
Capstone (no credit)	A	A	A	A	A	A	A	A	A
FINANCE TRACK COURSES									
Economics of Corporate Finance	A	I	I	I	I				I
Financial Econometrics and Time Series*	A	I	I	A	A	I			A
Finance Theory	I	I	A	A	I	I		I	I
Asset Allocation & Multi-Asset Investing	I	I	I	I	I		I	I	I
APPLIED ECONOMICS TRACK COURSES									
Topics in Applied Health Econometrics (Limited-dependent and quantitative variables)	A	I	I	A	A	I			A
Data Scraping		I			I	I	I	I	B
Financial Econometrics and Time Series*	A	I	I	A	A	I			A
MONETARY AND MACROECONOMIC POLICY TRACK COURSES									
Financial Econometrics and Time Series*	A	I	I	A	A	I			A
Macroeconomic Policy Seminar	I	I	A	I	A	A		A	A
Monetary Theory and Policy	A	A	A	A		A		I	
ADDITIONAL ELECTIVES***									
International Economics	I	I	I	I		I	I	I	
Industrial Organization	A		A	A	A	A	A	I	A
Game Theory	A		A	A		A		I	
Asset Valuation	A	I	I	I	I				I
Financial Mathematics	I	A	A	I					
International Finance	I	A	I	I		I			
Empirical Asset Pricing	A	A	A	A	A			I	A
Econometrics II	A	A		A	I				
Stochastic Processes	A			A	A				A
Economic Forecasting	A			A	A			I	A
Dynamic Programming	A		A	A				I	
Numerical Computation for Economics	A			A	A				A
Development Economics	I	I	A	I	A	A	I	A	A
International Trade	I	I	I	I	A	I	A	A	A
Public Finance	I	A	A	I	A			I	I
Economic Growth	I	I	A	I	A	A		A	A
Political Economy	A		A	A		A	A	A	
Experimental Economics	A	A	A	A	A	A	I		A
Behavioral Economics	I	I	I	I		A	A	A	
Consumer Economics	I	I	I	I		A	A	A	
Labor Economics	A	I	I	I		A	A	A	
Advanced Microeconomics	A	A	A	A	A		A	A	
Advanced Macroeconomics	A	A	A	A		A	A	A	
Internship**			A	A	A	A	A	A	

* This course is applicable for all MSE tracks

** An internship may be applied as track elective with program chair's approval

*** These electives may be offered based on curricular needs.

MS in Economics Curricular Map

Student Learning Outcomes

- 1.1 Explain and apply fundamentals of economic theory and policy, financial analysis, modeling and forecasting.
- 1.2 Collect, and analyze economic data to formulate problems and produce well-reasoned solutions relating to economic issues and public policy.
- 2.1 Engage in economic decision making by addressing the ethical, legal, and social concerns of stakeholders and taking into account global trends, national and regional prosperity, and demands of sustainable development.
- 2.2 Pursue further study or career advancement using their background in economics and public policy.
- 3.1 Produce and deliver professional reports and presentations in English using appropriate media and technology.
- 3.2 Think critically and creatively, conceptualizing real-world problems from different perspectives.
- 3.3 Work productively in diverse professional teams, and solve problems collaboratively.
- 4.1 Weigh evidence and arguments, and appreciate and engage in diverse modes of inquiry.
- 4.2 Properly document and synthesize existing scholarship and data, keep current with new technology and developments in their field and, and conduct independent research.