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	
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.