

## **QUANTITATIVE ECONOMICS (MS)**

Code	Title	Units
REQUIRED COURSES		
ECON 5010	Essential Mathematics for Economic Analysis	3
ECON 5015	Computing and Machine Learning for Economics	3
ECON 5020	Essential Statistics for Econometrics	3
ECON 5021	Advanced Econometrics I	3
ECON 5022	Advanced Econometrics II	3
ECON 5023	Microeconometrics	3
ECON 5030	Microeconomic Analysis	3
ECON 5040	Dynamic Stochastic Modeling	3
ECON 5597	Comprehensive Examination	0
Approved Electives		
Select from the following:		9
ECON 5012	Evidence-Based Decision Analysis	
ECON 5016	Collaborative Software Development Environment for Economists	
ECON 5024	Modeling Financial Time Series	
ECON 5025	Machine Learning for Prediction and Causal Inference	
ECON 5031	Industrial Economics	
ECON 5032	Incentives and Market Design	
ECON 5052	Public Economics	
ECON 5053	Advanced Labor Economics	
ECON 5061	International Economics	
ECON 5071	Environmental and Natural Resource Economics	
ECON 5500	Independent Study	
ECON 5560	Applied Economics Project	
ECON 5570	Special Advanced Topics	
Total Units		33