

Mathematical Economics Major (October 2024 version)
Advising checklist
Spring 2025

STUDENT NAME:
ACADEMIC ADVISOR:
DATE:
Anticipated graduation month/year:

	Please track progress for all classes in either column		
Required classes:	Unit	On transcript and completed with C- or better grade	Will complete block/year
EC100 Principles of Economics OR EC101 Principles of Micro AND EC102 Principles of Macro	2		
EC301 Microeconomic Theory (EC100 OR EC101&EC102 & MA125 or MA 126 prereq)	1		
EC302 Macroeconomic Theory (EC100 OR EC101&EC102 & MA125 or MA 126 prereq)	1		
EC403-Econometric Theory (EC301, EC302, MA217 or MA237and MA120 or MA220 or MA221 prereq)	1		
MA125 or MA126-Calc 1	1		
MA129-Calc 2 (MA125 or MA126 prereq)	1		
MA204-Calc 3 (MA129 prereq)	1		
MA217-Introduction to Probability and Statistics OR MA237-Statistical Methods 1 (students with MA117 AP/IB credit must take MA237 instead)	1		
MA120-Applied Linear Algebra	1		
MA275 – Sequences and Series (MA129 prereq)			
3 electives: At least one elective from each of the following three lists, or other as approved in advance by the chair of the Economics and Business Department 1. Min one (1) 300 or 400 level EC elective Students who declared this major prior to Fall 2024 can also take BU317 investments to meet this requirement. 2. Min one (1) from Math electives MA220 Theoretical Linear Algebra (MA220 will not be taught starting 2024-25) MA221 Advanced Linear Algebra MA237 Statistical Methods 1 (for students that have taken MA217 this class can be an elective) MA313 Probability MA315 Ordinary Differential Equations	3		

3. Min one (1) from Mathematical Economics list (EC404, EC405, EC406, EC407) or 2022-23 EC455 Time and Uncertainty or 2023-24 EC455 Social Preferences			
EC496 Senior thesis in Mathematical Economics	2		