

MATHEMATICAL ECONOMICS

(52-55 HRS.)

Effective Fall 2024

COURSE	COURSE TITLE	HR	PREREQUISITE(S)
ECON 201	Elementary Microeconomics	3.0	
ECON 202	Elementary Macroeconomics	3.0	C- or better grade in ECON 201
ECON 301	Intermediate Microeconomics	3.0	ECON 201 with a minimum grade of C; ECON 202
ECON 302	Intermediate Macroeconomics	3.0	ECON 201 with a minimum grade of C; ECON 202
ECON 221 or MATH 221 or MATH 321	Business Statistics (3 hours) Probability and Statistics (3 hours) Mathematical Statistics (4 hours)	3.0 Or 4.0	C or better grade in MATH 110 or MATH 111 or MATH 113, or a passing grade (D- or better) in MATH 132, MATH 161, or MATH 165 C- or better grade in MATH 111 MATH 320
MATH 165*	Calculus 1	4.0	C- or better grade in MATH 111, 112
MATH 166*	Calculus 2	4.0	C- or better grade in MATH 165
MATH 215 Or MATH 320	Discrete Systems Probability	4.0	C- or better grade in MATH 162 or 165 or permission C- or better grade in MATH 166
MATH 217	Linear Algebra	4.0	C- or better grade in MATH 162 or 165 or permission
MATH 259	Math Software	3.0	C- or better grade in MATH 215 or permission
9 Hrs. From:	ECON courses at the 300-400 level Must include ECON 421 or 424	9.0	See course catalog for specific requirements
6-7 Hrs. From:	MATH 267, 320, 335, 351, 374, 422, 428, 429, 454, 456, 457, 462, 470, 471	6.0 - 7.0	See course catalog for specific requirements
3-4 Hrs. From:	MATH 267, 320, 321, 335, 351, 374, 422, 428, 429, 454, 457, 462, 470, and 471 (ECON 300-400 level)	3.0 - 4.0	See course catalog for specific requirements

NOTE: *MATH 161 (3) and MATH 162 (3) may substitute for MATH 165 and 166 along with another 2 hours of approved MATH electives to complete the 52 hour requirement.

MATHEMATICAL ECONOMICS

Four-Year Plan with MATH 321

Freshman Year			
1st semester	Hrs	2nd semester	Hrs
MATH 165 (Tier 1 Foundation)	4	MATH 166	4
University Core Course	3	General elective	3
University Core Course	3	University Core Course	3
University Core Course	3	University Core Course	3
University Core Course	2	University Core Course	1
	15		14
Sophomore Year			
1st semester	Hrs	2nd semester	Hrs
ECON 201 (Tier 1)	3	ECON 202 (Tier 2)	3
MATH 217	4	MATH 259	3
MATH 320	4	MATH 321	4
University Core Course	3	University Core Course	3
		General elective	3
	14		16
Junior Year			
1st semester	Hrs	2nd semester	Hrs
ECON 301	3	ECON 302	3
ECON 300/400 level	3	ECON 424 (Tier 3)	3
General Elective	3	MATH directed elective	3
University Core Course (Tier 2)	3	General elective	3
General elective	3	General elective	3
General elective	3		
	18		15
Senior Year			
1st semester	Hrs	2nd semester	Hrs
ECON 300/400 level	3	Math directed elective	3
General elective	3	General elective	3
General elective	3	General elective	3
General elective	3	General elective	3
General elective	3	General elective	3
	15		15

Complete Major Field Test for Economics before Graduation
Minimum 120 hours

This document is a suggested guideline; it is the student's responsibility to meet with their advisor regularly to verify all requirements are being met for graduation.