

MATHEMATICAL ECONOMICS		(52-55 HRS.)		Effective Fall 2020
COURSE	COURSE TITLE	HR	PREREQUISITE(S)	TERM OFFERED
ECON 201	Elementary Microeconomics	3.0	MATH 108 recommended	Fall/Spring/Summer
ECON 202	Elementary Macroeconomics	3.0	C or better grade in ECON 201	Fall/Spring/Summer
ECON 301	Intermediate Microeconomics	3.0	ECON 201 with a minimum grade of C; ECON 202	Fall/Spring
ECON 302	Intermediate Macroeconomics	3.0	ECON 201 with a minimum grade of C; ECON 202	Fall/Spring
ECON 221 or MATH 221 or MATH 321	Business Statistics (3 hours) Probability and Statistics (3 hours) Mathematical Statistics (4 hours)	3.0 4.0	C or better grade in MATH 111, or a passing grade (D- or better) in MATH 132, 161, or 165 and a C or higher grade in ISOM 125 or CS 104, or a passing grade (D- or better) in ISOM 210 or its equivalent, or demonstrated proficiency in Microsoft Excel by examination Parallel: ISOM 210 C- or better grade in MATH 111 MATH 320	Fall/Spring/Summer Fall/Spring Spring
MATH 165*	Calculus 1	4.0	C- or better grade in MATH 111, 112	Fall/Spring
MATH 166*	Calculus 2	4.0	C- or better grade in MATH 165	Fall/Spring
MATH 215	Discrete Systems	4.0	C- or better grade in MATH 162 or 165 or permission	Fall/Spring
MATH 217	Linear Algebra	4.0	C- or better grade in MATH 162 or 165 or permission	Fall/Spring
MATH 259	Math Software	3.0	C- or better grade in MATH 215 or permission	Spring
9 Hrs. From:	ECON courses at the 300-400 level Must include ECON 421 or 424	9.0	See course catalog for specific requirements	Check with department for offerings
6-7 Hrs. From:	MATH 267, 320, 335, 351, 374, 422, 428, 429, 454, 456, 457, 462, 465, 470, 471	6.0-7.0	See course catalog for specific requirements	Fall/Spring
3-4 Hrs. From:	MATH 267, 320, 321, 335, 351, 374, 422, 428, 429, 454, 457, 462, 465, 470, and 471 (ECON 300-400 level)	3.0-4.0	See course catalog for specific requirements	Fall/Spring

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.

MUST TAKE MAJOR FIELD TEST IN ECONOMICS—SIGN UP IN ECON OFFICE, WB 201

ECON COURSE OFFERINGS:

FALL: 116, 201, 202, 221, 247, 279, 301, 302, 309, 321, 331 (odd years), 345 (even years), 348, 351, 370 (even years), 371
 SPRING: 116, 201, 202, 221, 247, 301, 302, 310, 311, 330, 346 (odd years), 351, 380 (even years), 424, 441, 485
 SUMMER: 116, 201, 202, 221

MATHEMATICAL ECONOMICS

Four-Year Plan with ECON 221/MATH 221

Freshman Year

1st semester	Hrs	2nd semester	Hrs
University Core Course	3	MATH 161	
University Core Course	3	Or MATH 165 (Tier 1 Foundation)	3 (4)
University Core Course	3	University Core Course	3
University Core Course	3	University Core Course	3
University Core Course	3	General elective	3
		General elective	3
	15		15

Sophomore Year

1st semester	Hrs	2nd semester	Hrs
ECON 201 (Tier 1)	3	ECON 202 (Tier 2)	3
ECON 221 or MATH 221	3	MATH 217	4
MATH 162 or MATH 166	3 (4)	MATH 215	4
General Elective	3	University Core Course	1
University Core Course	2	General elective	3
	14		15

Junior Year

1st semester	Hrs	2nd semester	Hrs
ECON 301	3	ECON 302	3
ECON 321	3	ECON 424 (Tier 3)	3
MATH 259	3	MATH directed elective	4
University Core Course (Tier 2)	3	General elective	3
General elective	3	General elective	3
	15		16

Senior Year

1st semester	Hrs	2nd semester	Hrs
ECON 300/400 level	3	ECON 300/400 Level Elective	3
	3	MATH directed elective	3
MATH directed elective	3	or General elective*	
General elective	3	General elective	3
General elective	3	General elective	3
General elective	3	General elective	3
	15		15

*A MATH directed elective course is required if MATH 161 and 162 are taken.

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.