Degree Planning Guide: 2024-25

UNIVERSITY OF St.Thomas

ECONOMICS – MATHEMATICAL ECONOMICS PATH - B. S.

First Year	Sophomore	Junior	Senior
Semester 1	**Semester 1**	**Semester 1**	**Semester 1**
ECON 251 or 252	DASC 120, DASC 112, or STAT 303	ECON 355	Econ elective 300 or above
MATH 113	or STAT 313 (if taking 314 also) (fall only)	ECON 315 or 351 or 352	
	ECON 351 or 352 or elective 300 and above		
	MATH 200		
Semester 2	**Semester 2**	**Semester 2**	**Semester 2**
Econ 251 or 252	DASC 120, DASC 112, or STAT 303	ECON 418 (Offered spring every other year)	ECON 301 or 337 or 339
MATH 114	or STAT 314 (if taken 313) (spring only)	ECON 315 or elective 300 and above	ECON 418 (if not offered junior year)
	ECON 351 or 352 or elective 300 and above		
	MATH 210		

REQUIREMENTS FOR DEGREE
ECON 251 Principles of Macroeconomics
ECON 252 Principles of Microeconomics
ECON 315 Introduction to Econometrics
ECON 351 Macroeconomic Theory
ECON 352 Microeconomic Theory
ECON 355 Game Theory
ECON 418 Mathematical Economics

Plus one of:
ECON 301 History of Economic Thought
ECON 337 Economics of the Public Sector
ECON 339 Labor Economics

Plus: Eight credits elective economic courses 300 and above

Note: Students are strongly encouraged to take 315, 351, and 352 by the end of their junior year.

Note: Prerequisites for ECON 315 are eight credits of Economics at the 300 or 400 level, and MATH 109, 111, or 113. Must also earn at least a C- in DASC 120, DASC 112, STAT 303, or STAT 314. **Note:** *MATH 333 Applied Statistical Methods may be substituted for ECON 311.*

ALLIED REQUIREMENTS
At least a C- in one of the following:
DASC 120 Introductory Statistics
or DASC 111 Introductory Statistics I **and** DASC 112 Introductory Statistics II
or STAT 303 Statistics for the Applied Sciences
or STAT 313 Probability **and** STAT 314 Mathematical Statistics
Plus one of:
MATH 109 Calculus with Review II
MATH 111 Calculus for Business and Social Science
MATH 113 Calculus I

*Note: Students interested in data analysis-intensive careers or an advanced degree in Economics are advised to complete additional math courses beyond what is needed for the major. The MATH 109 **or** MATH 113 options provide a more direct path to additional mathematics courses. Completion of math requirement by end of sophomore year is strongly encouraged.*

Plus:
MATH 114 Calculus II
MATH 200 Multi-Variable Calculus
MATH 240 Linear Algebra