

Mathematics minor

2024-2025 catalog

Student Name: _____ **ID Number:** _____

Minor Requirements

All classes must be completed with a C- grade or better. Each course may count only once towards the minor. Internship may not count towards the minor. Students completing a major in Mathematics or Mathematical Economics are not eligible for a minor in Mathematics. At least one MAT course numbered 250 or above must be taken at Augsburg.

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	4	MAT145 and 145L:	Calculus I (NSM)
Complete one (1) additional calculus course				
_____	_____	4	MAT146 and 146L:	Calculus II (NSM)
_____	_____	4	MAT255	Multivariable Calculus
Complete one (1) mathematics elective numbered 250 or above				
_____	_____	4	MAT255	Multivariable Calculus
_____	_____	4	An additional MAT elective numbered 300 or above	
Complete one (1) advanced mathematics elective, MAT325 or MAT course numbered 350 or above, chosen from:				
_____	_____	4	MAT325	History of Mathematics
_____	_____	4	MAT350	Graph Theory
_____	_____	4	MAT360	Dynamical Systems
_____	_____	4	MAT370	Real Analysis
_____	_____	4	MAT373	Probability Theory
_____	_____	4	MAT380	Abstract Algebra
_____	_____	4	MAT395	Topics
_____	_____	4	MAT455	Numerical Mathematics and Computation
_____	_____	4	MAT465	Modeling and Differential Equations in Biological and Natural Sciences
_____	_____	4	MAT485	Visualizing Mathematics with 3D Printing
Complete one (1) additional advanced elective				
_____	_____	4	DST elective numbered 300 or above	
_____	_____	4	ECO416	Mathematical Economics
_____	_____	4	An additional MAT elective numbered 300 or above	
_____	_____	4	PHY327	Special Functions of Mathematical Physics

Abbreviation Key: ML = Modern Language; SC = Signature Curriculum; EM = Engaging Minneapolis; AE = Augsburg Experience; KC = Senior Keystone Course; NSM = Natural Science & Mathematics - no lab; NSM-L = Natural Science & Mathematics-with lab; SBS = Social & Behavioral Science; FA = Fine Arts; HUM = Humanities