Mathematics minor

2017-2018 catalog

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

Minor Requirements

All classes must be completed with a C- grade or better.

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	4	MAT145	Calculus I (NSM)
_____	_____	4	MAT146	Calculus II (NSM)

Complete **three (3)** electives numbered above 200, at least **one (1)** of which is numbered above 300, chosen from:

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	4	MAT213	Data Visualization and Statistical Computing
_____	_____	4	MAT245	Calculus III
_____	_____	4	MAT246	Linear Algebra
_____	_____	4	MAT252	Exploring Geometry
_____	_____	4	MAT271	Discrete Mathematical Structures
_____	_____	4	MAT273	Statistical Modeling
_____	_____	4	MAT287	History of Mathematics
_____	_____	4	MAT304	Graph Theory
_____	_____	4	MAT314	Abstract Algebra
_____	_____	4	MAT324	Analysis
_____	_____	4	MAT355	Numerical Mathematics and Computation
_____	_____	4	MAT363	Dynamical Systems
_____	_____	4	MAT369	Modeling and Differential Equations
_____	_____	4	MAT373	Probability Theory
_____	_____	4	MAT374	Statistical Theory and Applications
_____	_____	4	MAT377	Operations Research
_____	_____	4	MAT394	Topics in Statistics
_____	_____	4	MAT395	Topics
_____	_____	4	MAT399	Internship
_____	_____	4	MAT499	Independent Study
_____	_____	4	ECO416	Mathematical Economics
_____	_____	4	PHY327	Special Functions of Mathematical Physics

Alternatively, students can earn the Mathematics minor by completing the following six courses:

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	4	MAT145	Calculus I (NSM)
_____	_____	4	MAT146	Calculus II (NSM)
_____	_____	4	MAT252	Exploring Geometry
_____	_____	4	MAT271	Discrete Mathematical Structures
_____	_____	4	MAT287	History of Mathematics

Complete **one (1)** of MAT163 or MAT164

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	4	MAT163	Introductory Statistics
_____	_____	4	MAT164	Introductory Statistics for STEM

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

_____   _____
Student Signature   Date   Minor Department Chair Signature   Date
(only required if substitutions or
exceptions are being made from the
requirements listed in the catalog)

Student signature is required for submission with the Intent to Graduate form.