Department of Mathematics, Computer Science, & Statistics
Minor in Mathematics
Advising Checklist for 2020-2022 Catalog

The minor in mathematics requires 17 hours of MTH or STA courses at or above the Calculus I (MTH 1294) level; these must include at least three credits at the junior or senior level. Mathematics courses specifically designed for elementary or middle-level education will not count towards a minor in mathematics. At most three total credits of MTH or STA internship will count toward a minor in mathematics. At least nine credits of courses must have the MTH prefix.

MTH 1294 Calculus I OR
_____MTH 2553 Survey of Calculus
_____MTH 2044 Calculus II
_____MTH 2283 Discrete Mathematics
_____MTH 3023 (WI) Systems of Geometry I
_____MTH 3093 (WI) Systems of Geometry II
_____MTH 3104 Calculus III
_____MTH 3124 Differential Equations
_____MTH 3273 Transition to Advanced Mathematics
_____MTH 3383 Mathematics for Secondary Teachers
MTH 3113 Linear Algebra OR
_____MTH 3663 Applied Linear Algebra
_____MTH 4133 Algebraic Structures I
_____MTH 4143 Algebraic Structures II
_____MTH 4153 History of Mathematics
_____MTH 4223 Introduction to Topology
_____MTH 4233 Advanced Calculus I
_____MTH 4303 Advanced Calculus II
_____MTH 4331–3 Independent Study
_____MTH 4373 Numerical Analysis
_____MTH 4473 Simulation Theory
_____MTH 4621–6 Mathematics Internship
_____MTH 4673 Complex Analysis
_____MTH 4893 (WI) Special Methods-Mathematics

STA 2053 Applied Biostatistics OR
_____STA 2323 Statistical Methods
_____MTH/STA 3163 Probability and Statistics I
_____STA 3443 Statistical Computing
_____STA 4013 Applied Regression Analysis
_____STA 4023 Applied Analysis of Variance
_____STA 4033 Nonparametric Statistical Methods
_____STA 4043 Statistical Analysis of Time Series
_____MTH/STA 4463 Probability and Statistics II
_____STA 4621–6 Statistics Internship
_____STA 4171-3 Special Topics in Statistics

You must earn a grade of C or higher in all courses that count toward your minor.

Updated 20 May 2020

The following program of study is recommended for students who wish to minor in mathematics with the goal of adding mathematics as a second area of licensure:

_____MTH 1294 Calculus I
STA 2053 Applied Biostatistics OR
_____STA 2323 Statistical Methods
_____MTH 2283 Discrete Mathematics
_____MTH 3383 Mathematics for Secondary Teachers
_____MTH 4393 (WI) Special Methods-Mathematics

The following are also recommended in addition to the minimal minor requirements:

_____MTH 2044 Calculus II
_____MTH 3023 (WI) Systems of Geometry