

Mathematics Minor

The minor in mathematics requires 17 hours of MTH or STA courses at or above the Calculus I (MTH 1294) level. At least three credits at of a MTH or STA course at the junior or senior level are required. 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. Courses allowed for the minor:

_____ MTH 1294 Calculus I	_____ STA 2054 Applied Biostatistics
_____ MTH 2044 Calculus II	_____ STA 2323 Statistical Methods
_____ MTH 2283 Discrete Mathematics	_____ MTH 3163 Probability and Statistics I OR
_____ MTH 3023 (WI) Systems of Geometry I	_____ STA 3163 Probability and Statistics I
_____ MTH 3093 (WI) Systems of Geometry II	_____ STA 3443 Statistical Computing
_____ MTH 3104 Calculus III	_____ STA 4013 Applied Regression Analysis
_____ MTH 3124 Differential Equations	_____ STA 4023 Applied Analysis of Variance
_____ MTH 3273 Transition to Advanced Mathematics	_____ STA 4033 Nonparametric Statistical Methods
_____ MTH 3383 Mathematics for Secondary Teachers	_____ STA 4043 Statistical Analysis of Time Series
_____ MTH 3113 Linear Algebra OR	_____ MTH 4463 Probability and Statistics II OR
_____ MTH 3663 Applied Linear Algebra	_____ STA 4463 Probability and Statistics II
_____ MTH 4133 Algebraic Structures I	_____ STA 4621–6 Statistics Internship
_____ 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	

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

Updated 11 April 2019

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 2054 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