

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	

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 I

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