

Statistics Minor

Choose six of the following courses, but at least three of the electives must have an STA prefix and be at least at the 3000 level. Computer science courses and CSC, MTH, or STA internship are recommended. A passing grade in Statistical Methods or the catalog prerequisites are required for GBU 3133, NSG 3603, PSY 4343, PSY 4433, and SOC 4213. At most one course outside of the Mathematics, Computer Science, and Statistics Department can be counted for the statistics minor. At most three total credits of MTH, CSC, or STA internship will count toward a minor in statistics.

_____ CSC 1104 Foundations of Computer Science I and lab CSC 1104L

_____ CSC 1114 Foundations of Computer Science II and lab CSC 1114L

_____ CSC 2203 Data Structures

_____ CSC 3133 Introduction to Database Theory

_____ CSC 3223 Algorithm Analysis

_____ CSC 4213 Simulation Theory

_____ CSC 4621–6 Computer Science Internship

_____ MIS 3153 Data Management

_____ MIS 3163 Data Visualization

_____ MIS 4043 Systems Analysis and Design

_____ MIS 4173 Data Mining

_____ PHI 2133 Logic I OR

_____ MTH 2283 Discrete Mathematics

_____ PHI 4143 Logic II

_____ PSY 4343 Advanced Statistics

_____ PSY 4433 Psychological Tests and Measurements

_____ SOC 4213 (WI) Research Methods

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

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_____ MTH 1294 Calculus I

_____ MTH 2044 Calculus II

_____ MTH 3104 Calculus III

_____ MTH 3113 Linear Algebra OR

_____ MTH 3663 Applied Linear Algebra

_____ MTH 3124 Differential Equations

_____ MTH 3273 Transition to Advanced Mathematics

_____ MTH 4233 Advanced Calculus I

_____ MTH 4303 Advanced Calculus II

_____ MTH 4373 Numerical Analysis

_____ MTH 4621–6 Mathematics Internship

_____ STA 2054 Applied Biostatistics

_____ STA 2323 Statistical Methods

_____ MTH 3163 Probability and Statistics I OR

_____ STA 3163 Probability and Statistics I OR

_____ 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 4463 Probability and Statistics II OR

_____ STA 4463 Probability and Statistics II

_____ STA 4621–6 Statistics Internship