

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

- _____ NSG 3603 (WI) Healthcare Research for Evidence Based Practice

- _____ PHI 2133 Logic I
- _____ PHI 4143 Logic II

- _____ PSY 4343 Advanced Statistics
- _____ PSY 4433 Psychological Tests and Measurements

- _____ SOC 4213 (WI) Research Methods

- _____ MTH 1294 Calculus I
- _____ MTH 2044 Calculus II
- _____ MTH 2283 Discrete Mathematics
- _____ 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

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