



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

Choose 18 hours of the following courses, but at least nine hours 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 STA 2053 or STA 2323 or the catalog prerequisites are required for GBU 3133, NSG 3603, PSY 4343, PSY 4433, and SOC 4213. At most three hours 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.

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| <input type="checkbox"/> STA 2053 Applied Biostatistics OR | <input type="checkbox"/> CSC 1104 Foundations of Computer Science I and lab |
| <input type="checkbox"/> STA 2323 Statistical Methods | <input type="checkbox"/> CSC 1114 Foundations of Computer Science II and lab |
| <input type="checkbox"/> MTH 3163 Probability and Statistics I | <input type="checkbox"/> CSC 2203 Data Structures |
| <input type="checkbox"/> STA 3443 Statistical Computing | <input type="checkbox"/> CSC 3133 Introduction to Database Theory |
| <input type="checkbox"/> STA 4013 Applied Regression Analysis | <input type="checkbox"/> CSC 3223 Algorithm Analysis |
| <input type="checkbox"/> STA 4023 Applied Analysis of Variance | <input type="checkbox"/> CSC 4213 Simulation Theory |
| <input type="checkbox"/> STA 4033 Nonparametric Statistical Methods | <input type="checkbox"/> CSC 4621–6 Computer Science Internship |
| <input type="checkbox"/> STA 4043 Statistical Analysis of Time Series | <input type="checkbox"/> DSC 3153 Data Management |
| <input type="checkbox"/> STA/MTH 4463 Probability and Statistics II | <input type="checkbox"/> DSC 3163 Data Visualization |
| <input type="checkbox"/> STA 4621–6 Statistics Internship | <input type="checkbox"/> DSC 4043 Systems Analysis and Design |
| <input type="checkbox"/> STA 4171-3 Special Topics in Statistics | <input type="checkbox"/> DSC 4153 Predictive Analytics |
| | <input type="checkbox"/> DSC 4163 Prescriptive Analytics |
| | <input type="checkbox"/> DSC 4173 Data Mining |
| <input type="checkbox"/> MTH 1294 Calculus I OR | <input type="checkbox"/> MTH 2283 Discrete Mathematics OR |
| <input type="checkbox"/> MTH 2553 Survey of Calculus | <input type="checkbox"/> PHI 2133 Logic I |
| <input type="checkbox"/> MTH 2044 Calculus II | <input type="checkbox"/> PHI 4143 Logic II |
| <input type="checkbox"/> MTH 3104 Calculus III | |
| <input type="checkbox"/> MTH 3113 Linear Algebra OR | <input type="checkbox"/> PSY 4343 Advanced Statistics |
| <input type="checkbox"/> MTH 3663 Applied Linear Algebra | <input type="checkbox"/> PSY 4433 Psychological Tests and Measurements |
| <input type="checkbox"/> MTH 3124 Differential Equations | |
| <input type="checkbox"/> MTH 3273 Transition to Advanced Mathematics | <input type="checkbox"/> SOC 4213 (WI) Research Methods |
| <input type="checkbox"/> MTH 4233 Advanced Calculus I | |
| <input type="checkbox"/> MTH 4303 Advanced Calculus II | |
| <input type="checkbox"/> MTH 4373 Numerical Analysis | |
| <input type="checkbox"/> MTH 4621–6 Mathematics Internship | |

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

Updated 20 May 2020