

Minor in Statistics

To satisfy the minor requirements, students must complete 18 semester hours (six courses) from either our General Statistics or Applied Statistics option. Both options require one introductory statistics course.

Choose one Introductory Course (3 credits)

MATH.141 Introduction to Statistics
 MATH.241 Probability and Statistics
 SOC.260 Basic Social Statistics
 PSYCH.160 Basic Statistics
 ECONOMIC.256 Business and Economics Statistics
 CRIMJUST.210 Criminal Justice Statistics
 Other introductory courses may be acceptable with the approval of the Department of Mathematics, Computer Science, and Statistics

Choose five courses from one of two options below (15 credits)

General Statistics Option Choose five courses from the list below (15 credits)	Applied Statistics Option Five Courses (15 credits)
<p>MATH.240 Statistical Methods MATH.243 Non-parametric Statistics MATH.340 Statistical Software MATH.342 Design and Analysis of Experiments MATH.343 Applied Regression Analysis MATH.441 Mathematics and Sports MATH.446 Biostatistics MATH.461 Probability Models and Applications MATH.462 Introduction to Mathematical Statistics</p> <p>At most one course related to statistics from outside the Department of Mathematics, Computer Science & Statistics may be acceptable with the approval of the Department of Mathematics, Computer Science, & Statistics.</p> <p>Some examples include: ECONOMIC.456 Introduction to Econometrics ECONOMIC.356 Business and Economics Statistics II PSYCH.464 Advanced Experimental Design BIOLOGY.332 Genetics BIOLOGY.351 Ecology NURSING.306 Introduction to Nursing Research SOC.466 Advanced Social Research</p>	<ol style="list-style-type: none"> 1. MATH.240 Statistical Methods 2. MATH.343 Applied Regression Analysis 3. MATH.342 Design and Analysis of Experiments 4. MATH.340 Statistical Software 5. Choose one of the following three courses <ol style="list-style-type: none"> a. Math 344 Statistics and Sports b. Math 345 Statistical Quality Control c. Math 347 Statistics for Health Sciences <p>At most one course related to statistics from outside the Department of Mathematics, Computer Science & Statistics may be acceptable with the approval of the Department of Mathematics, Computer Science, & Statistics.</p> <p>Some examples include: ECONOMIC.456 Introduction to Econometrics ECONOMIC.356 Business and Economics Statistics II PSYCH.464 Advanced Experimental Design BIOLOGY.332 Genetics BIOLOGY.351 Ecology NURSING.306 Introduction to Nursing Research SOC.466 Advanced Social Research</p>