The minor in statistics consists of five units:
(A) Foundation in probability theory: STAT 220/MATH 220
(B) Foundation in computing: CS 111, 112, or 115
(C) Foundation in modeling: Either STAT 260/QR 260 or STAT 318
(D) Two electives from the following list, including at least one STAT elective.

**Introductory statistics:**
*At most one introductory statistics course can count toward the minor.*
STAT 218  Introductory Statistics and Data Analysis
BISC 198  Statistics in the Biosciences
ECON 103/SOC 190 Introduction to Probability and Statistical Methods
POL 299   Introduction to Research Methods in Political Science
PSYC 205  Statistics
QR 180    Statistical Analysis of Education Issues
STAT 101  Reasoning with Data: Elementary Applied Statistics
STAT 101Z Reasoning with Data: Elementary Applied Statistics with Health Applications

**Statistical theory:**
STAT 221  Statistical Inference

**Intermediate and advanced applied statistics:**
STAT 260/QR 260 Applied Data Analysis and Statistical Inference
STAT 309/QR 309 Causal Inference
STAT 318  Regression Analysis and Statistical Models
ECON 203  Econometrics
ECON 303  Advanced Econometrics

*Other STAT courses when offered.*

The minor is open to students from any major, including mathematics, recognizing that no course may count toward both the major and the minor. Students whose majors overlap with these requirements should consult a statistics faculty advisor and a major advisor. A certificate from the Quantitative Analysis Institute Summer Program meets requirement (C) but does not count toward the five units for the statistics minor; students should take either STAT 318 from (C) or three courses from (D) instead of two. A student may count both STAT 260/QR 260 and STAT 318, one toward the modeling requirement and the other as an elective. Note that MATH 205 is a prerequisite for STAT 220 but does not count toward the minor; other courses listed above similarly have prerequisites that cannot be counted.