Statistics Minor
2022-2023 Curriculum Chart

Calculus
(Complete one sequence.)

- AM 11A/Econ 11A
  Math Methods for Econ I
- AM 11B/Econ 11B
  Math Methods for Econ II

- MATH 11A
  Calculus with Applications
- MATH 11B
  Calculus with Applications

- MATH 19A
  Calculus for Sci., Engr. & Math
- MATH 19B
  Calculus for Sci., Engr. & Math

- MATH 20A
  Honors Calculus
- MATH 20B
  Honors Calculus

Probability & Statistics

- STAT 5
  Statistics

Or

- STAT 131
  Probability Theory

Or

- STAT 203
  Probability Theory

Or

- CSE 107
  Probability & Statistics

- STAT 132
  Classical & Bayesian Inference

Linear Algebra
(Complete one course/sequence)

- AM 10
  Math Methods for Engineers I

Or

- MATH 21
  Linear Algebra

AM 20 or MATH 24 is also recommended

Multivariable Calculus
(Complete one course/sequence)

- AM 30
  Multivariate Calculus for Engineers

- MATH 22
  Calculus of Several Variables

- MATH 23A
  Vector Calculus
- MATH 23B
  Vector Calculus

Computational Methods

- AM 147
  Computational Methods & Applications

Programming
(Complete one course.)

- BME 160
  Research Programming

- CSE 20
  Intro to Python

- CSE 30
  Programming Abstractions: Python

- ASTR 119
  Intro to Scientific Computing

Statistics Electives

*Choose two electives from the following:

- STAT 108
  ECON 113
- STAT 204
  ECON 114
- STAT 206
  ECON 120
- STAT 207
  ECON 161B
- STAT 208
  ECON 190
- BME 205
  MATH 105A
- ECE 145
  MATH 105B
- CSE 142
  MATH 114
- ECON 104
  PSYC181
- PSYC 204

- ELECTIVE 1*
- ELECTIVE 2*

Note:
Students planning graduate work in statistics are recommended to choose Math 23A and Math 23B, Statistics 204, Statistics 205, and Math 105A and Math 105B.

The statistics minor is available for students who wish to gain a quantitative understanding of how to (a) measure uncertainty and (b) make good decisions on the basis of incomplete or imperfect information, and to apply these skills to their interests in another field. This minor could also be combined with a major in mathematics as preparation for a graduate degree in statistics or biostatistics.
### Statistics Minor
#### 2022-2023 Curriculum Chart

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**Student Name:**

**Staff Advisor:**

**Faculty Advisor:**