

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 7/L
Statistical Methods

STAT 131
Probability Theory

OR

STAT 203
Probability Theory

OR

CSE 107
Probability &
Statistics

STAT 132
Classical & Bayesian
Inference

Linear Algebra

AM 10
Math Methods for
Engineers I

OR

MATH 21
Linear Algebra

AM 20 or MATH 24 is also recommended

Programming

(Complete one course.)

BME 160
Research Programming

CSE 20
Intro to Python

CSE 30
Programming Abstractions: Python

ASTR 119
Intro to Scientific Computing

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

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**

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Student Name:

Staff Advisor:

Faculty Advisor: