

Statistics Minor 2019-2020 Curriculum Chart

Calculus
(Complete one sequence.)

AM 11A
Math Methods
for Econ I & **AM 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

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

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.)

CSE 20
Intro to Python

CSE 30
Programming
Abstractions: Python

BME 160/L
Research
Programming

ASTR 119
Intro to Scientific
Computing

**Computational
Methods**

AM 147
Computational
Methods &
Applications

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

Statistics Electives

ELECTIVE 1*

ELECTIVE 2*

*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

Note:

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

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Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

<p>Student Name: _____</p> <p>Staff Advisor: _____</p> <p>Faculty Advisor: _____</p>
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