Calculus
(Complete one sequence.)

AMS or ECON 11A
Math Methods
for Econ I
AMS or ECON 11B
Math Methods
for Econ II

AMS 15A
Case-Study
Calculus I
AMS 15B
Case-Study
Calculus 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

MATH 22
Calculus of
Several
Variables
MATH 23A
Vector Calculus
&MATH 23B
Vector Calculus

Linear Algebra

AMS 10
Math Methods
for Engineers I
AMS 21
Linear Algebra

AMS 147
Computational
Methods & Applications

Linear Algebra

AMS 10
Math Methods
for Engineers I
AMS 21
Linear Algebra

AMS 147
Computational
Methods & Applications

Computational Methods

AMS 147
Computational
Methods & Applications

Programming
(Complete one course.)

CMPS 5C
Intro to C/C++

CMPS 5J
Intro to Java

CMPS 5P
Intro to Python

CMPS 12A/L
Intro to Programming
(Accelerated)

CMPE 13/L
Comp. Systems & C Programming

BME 160/L
Research Programming

ASTR 119
EART 119
Intro to Scientific Computing

Probability & Statistics

AMS 5
Statistics
AMS 7/L
Statistical
Methods

AMS 131
Probability
Theory
AMS 203
Probability
Theory

CMPE 107
Probability &
Statistics

AMS 132
Classical & Bayesian
Inference

Statistics Electives

*Choose two electives from
the following:

AMS 156
AMS 198
AMS 202
AMS 205B
AMS 206B
AMS 207
AMS 256
BME 205
CMPE 108
CMPE 142
ECON 104
ECON 113
ECON 114
ECON 120
ECON 161B
ECON 190
EE 151
MATH 114
PSYC 181
SOCY 103A
TIM 230

Note:
With permission from the AMS department, students may substitute any upper-division or graduate-level AMS course for an upper-division requirement. Students planning graduate work in statistics are recommended to choose Math 23A and 23B, Applied Mathematics and 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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Student Name: 

Staff Advisor: 

Faculty Advisor: