

Applied Math and Statistics Minor in Statistics Curriculum Chart 2011-2012

MATH

MATH 19A
Calculus

AMS 11A
Math Methods

MATH 11A
Calculus

OR

OR

MATH 19B
Calculus

AMS 11B
Math Methods

MATH 11B
Calculus

MATH 22 OR MATH 23A
Intro to Calculus of and
Several Variables MATH 23B
Multivariable Calculus

AMS 10 OR MATH 21
Math Methods for Engineers I Linear Algebra

(Also recommended to take: AMS 20 or 20A, or Math 24)

STATISTICS

AMS 5
Statistics

OR

AMS 7/L
Statistical Methods and Lab

AMS 131
Intro Probability
Theory

OR

CMPE 107
Stochastic

AMS 147
Computational Methods

AMS 132
Statistical Inference

TWO STATISTICS
ELECTIVES
From List Below:

PROGRAMMING

Choose one:

CMPS 12A/L
Intro to Programming (accelerated)
w/Lab

CMPS 5C
Intro. to Programming
in C/C++

CMPE 13/L
Computer Systems & C
Programming

CMPS 5J
Intro. to Programming
in Java

BME 60/L
Programming for Biologists
and Biochemists

CMPS 5P
Intro. to Programming
in Python

ELECTIVE LIST

AMS 118
AMS 198
AMS 202
AMS 205A
AMS 256
BME 205
CMPE 108
ECON 114
ECON 120
EE 151
MATH 114
PSYC 181
SOCY 103A

Information on the Statistics Minor

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.

Course Information

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 take Math 23A and 23B, Applied Mathematics and Statistics 205A, and Mathematics 105A-B.

APPLIED MATH AND STATISTICS: STATISTICS MINOR
DEGREE CURRICULUM

Fall ____	Winter ____	Spring ____	Summer ____

Fall ____	Winter ____	Spring ____	Summer ____

Fall ____	Winter ____	Spring ____	Summer ____

Fall ____	Winter ____	Spring ____	Summer ____

STUDENT'S NAME:

STAFF ADVISOR: