

Applied Math & Statistics: Statistics Minor

Curriculum Chart: 2013-2014

MATH

AMS 11A & AMS 11B
Math Methods I & Math Methods II

OR

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

OR

MATH 11A & MATH 11B
Calculus I & Calculus II

OR

MATH 19A & MATH 19B
Calculus I & Calculus II

OR

MATH 20A & MATH 20B
Honors Calculus I & Honors Calculus II

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

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

(AMS 20 or Math 24 also recommended)

STATISTICS

AMS 5 **OR** AMS 7/L
Statistics Statistical Methods and Lab

AMS 131 OR 203 **OR** CMPE 107
Intro Probability Stochastic
Theory

AMS 132 OR AMS 206
Classical & Bayesian
Inference

AMS 147
Computational Methods

TWO STATISTICS ELECTIVES
From List Below:

1. _____
2. _____

PROGRAMMING

Choose one:

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

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

CMPE 13/L
Computer Systems & C
Programming and Lab

CMPS 5J
Intro. to Programming
in Java

BME 160/L
Programming for Biologists and
Biochemists and Lab

CMPS 5P
Intro. to Programming
in Python

ELECTIVE LIST

AMS 118	ECON 104
AMS 156	ECON 113
AMS 198	ECON 114
AMS 202	ECON 120
AMS 205B	ECON 161B
AMS 206B	ECON 190
AMS 207	EE 151
AMS 256	MATH 114
BME 205	PSYC 181
CMPE 108	SOCY 103A
CMPS 142	TIM 230

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

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Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

STUDENT'S NAME:

STAFF ADVISOR: