

Statistics Minor 2023-2024 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	OR	STAT 17/L Statistical Methods for Business and Economics
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
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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

Calculus Transition Series Policy

Computational Methods

AM 147 Computational Methods & Applications

Statistics Electives

*Choose two electives from the following:

<table border="0" style="width: 100%;"> <tr><td>STAT 108</td><td>ECON 113</td></tr> <tr><td>STAT 204</td><td>ECON 114</td></tr> <tr><td>STAT 206</td><td>ECON 120</td></tr> <tr><td>STAT 207</td><td>ECON 161B</td></tr> <tr><td>STAT 208</td><td>ECON 190</td></tr> <tr><td>BME 205</td><td>MATH 105A</td></tr> <tr><td>ECE 145</td><td>MATH 105B</td></tr> <tr><td>CSE 142</td><td>MATH 114</td></tr> <tr><td>ECON 104</td><td>PSYC181</td></tr> </table>	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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px; text-align: center;">ELECTIVE 1* -----</td> </tr> <tr> <td style="padding: 5px; text-align: center;">ELECTIVE 2* -----</td> </tr> </table>	ELECTIVE 1* -----	ELECTIVE 2* -----
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ECE 145	MATH 105B																				
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ECON 104	PSYC181																				
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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
2023-2024 Curriculum Chart**

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Student Name:
Staff Advisor:
Faculty Advisor: