

# STATISTICS - MINOR

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## Program Requirements

Code	Title	Semester Credit Hours
<b>Lower Division Courses</b>		
STAT 211	Principles of Statistics I	3
STAT 212	Principles of Statistics II	3
<b>Directed Upper Division Electives</b>		
Select three of the following: <sup>1</sup>		9
STAT 315	Computational Data Science	
STAT 335/ CSCE 320	Principles of Data Science	
STAT 404	Statistical Computing	
STAT 406	Design and Analysis of Experiments	
STAT 407	Principles of Sample Surveys	
STAT 408	Introduction to Linear Models	
STAT 414	Mathematical Statistics I	
STAT 415	Mathematical Statistics II	
STAT 421	Machine Learning	
STAT 424/ MATH 424	Probability and Computing	
STAT 426	Methods in Time Series Analysis	
STAT 436	Multivariate Analysis and Statistical Learning	
STAT 438	Bayesian Statistics	
STAT 445	Applied Biostatistics and Data Analysis	
STAT 446	Statistical Bioinformatics	
STAT 459	Categorical Data Analysis	
STAT 485	Directed Studies	
STAT 489	Special Topics in...	
<b>Total Semester Credit Hours</b>		<b>15</b>

<sup>1</sup> STAT 485 or STAT 489 must be approved by the Statistics Department.

### Additional Requirements:

Students must make a grade of C or better in all courses.

Substitutions for the minor must be approved by the Statistics Department.