

# STATISTICS, B.S.

## Requirements

Requires:

Code	Title	Hours
MTH 112	Calculus with Analytic Geometry II	4
MTH 113	Multivariable Calculus	4
MTH 117	Discrete Mathematics	4
MTH 121	Linear Algebra I	3
CSC 111	Introduction to Computer Science	4
STA 112	Introduction to Regression and Data Science	3
STA 310/ MTH 357	Probability	3
STA 311	Statistical Inference	3
STA 312	Linear Models	3
Select one of the following:		3
STA 362	Multivariate Statistics	
STA 363	Introduction to Statistical Learning	
Choose 3 additional electives in STA at the 200 or 300 level. At least one elective must be in STA at the 300 level. *		9

\* Excluding STA 381, STA 383, STA 391 and STA 392.

\*\*Note: Many graduate programs require Real Analysis (MTH 311) or may require other courses outside the major. Students who intend to pursue graduate study should check program requirements and take additional courses as needed.

## Honors

To graduate with a designation of "Honors in Statistics", students in the B.S. in Statistics major must:

- Satisfactorily complete a year-long senior research project, completed as in the sequential courses STA 391 and STA 392.
- Have a minimum GPA of 3.5 in the major and a 3.0 overall GPA to graduate with Honors.
- Students must apply to participate in an Honors project. For application details, please see the department website.