

MATHEMATICAL STATISTICS, B.S.

Requirements

Requires:

Code	Title	Hours
MST 112	Calculus with Analytic Geometry II	4
MST 113	Multivariable Calculus	4
MST 117	Discrete Mathematics	4
MST 121	Linear Algebra I	3
MST 311	Introductory Real Analysis I	3
STA 112	Introduction to Regression and Data Science	3
STA 310/ MST 357	Probability	3
STA 311	Statistical Inference	3
STA 312	Linear Models	3
Select one of the following:		
STA 381	Applied Statistics Capstone	2
STA 391 & STA 392	Senior Research Capstone I and Senior Research Capstone II	2
Select one of the following:		
CSC 111 or CSC 112	Introduction to Computer Science Fundamentals of Computer Science	4
Select at least three additional 3-hour courses in STA or MST numbered 200 or above of which at least one must be numbered above 300 *		9

* Excluding MST 205, MST 306, MST 381, and STA 383.

Honors

To graduate with the designation "Honors in Mathematical Statistics," students must satisfactorily complete STA 391 and STA 392, and they must have a minimum grade point average of 3.5 in the major and 3.0 in all college coursework.