MATHEMATICS-STATISTICS (BA OR BS)

Requirements

The requirements for the B.S. or B.A. in Mathematics-Statistics degree are 40 credits at the 2000 level or above in Mathematics and Statistics, with at least 12 credits in each department.

The required courses for the Mathematics-Statistics major are:

Course	Title	Credits
Select one of the following:		4
MATH 2110Q	Multivariable Calculus	
MATH 2143Q	Advanced Calculus III	
Select one of the following:		3-8
MATH 2210Q	Applied Linear Algebra	
or MATH 3210	Abstract Linear Algebra	
MATH 2143Q & MATH 2144Q	Advanced Calculus III and Advanced Calculus IV	
Select one of the following:		3
MATH 2410Q	Elementary Differential Equations	
MATH 2144Q	Advanced Calculus IV	
STAT 3375Q & STAT 3445	Introduction to Mathematical Statistics I and Introduction to Mathematical Statistics II	6

Writing and Information Literacy Requirements

To satisfy the Writing in the Major and Information Literacy competencies, all students must pass one of the following courses:

Course	Title	Credits
MATH 2705W	Technical Writing in Mathematics	1
MATH 2710W	Transition to Advanced Mathematics	3
MATH 2720W	History of Mathematics	3
MATH 2794W	Mathematics Writing Seminar	2
MATH 3670W	Technical Writing for Actuaries	3
MATH 3710W	Introduction to Mathematical Modeling	3
MATH 3796W	Senior Thesis in Mathematics	3
STAT 3494W	Undergraduate Seminar	1