

DEGREE PLANNING GUIDE: 2025-26

B.S. in Statistics

Beginning with MATH 114

First year (<28 credits)	Sophomore (28-59 credits)	Junior (60-91 credits)	Senior (92+ credits)
Semester 1 MATH 114 CISC 130 <i>or</i> CISC 131	Semester 1 MATH 240 STAT 313	Semester 1 STAT 333 DASC 336	Semester 1 DASC 400 STAT Elective
Semester 2 MATH 200	Semester 2 STAT 314	Semester 2 DASC 360 STAT Elective	Semester 2 STAT/DASC 460

Beginning with MATH 113

First year (<28 credits)	Sophomore (28-59 credits)	Junior (60-91 credits)	Senior (92+ credits)
Semester 1 MATH 113 CISC 130 <i>or</i> CISC 131	Semester 1 MATH 200	Semester 1 STAT 314	Semester 1 DASC 360 DASC 400
Semester 2 MATH 114	Semester 2 MATH 240 STAT 313	Semester 2 STAT 333 STAT Elective DASC 336	Semester 2 STAT/DASC 460 STAT Elective

Requirements for Degree

Program Core Courses

STAT 313 Probability
 STAT 314 Mathematical Statistics
 STAT 333 Predictive Modeling
 DASC 360 Multivariate Statistics
 and Data Analysis
 DASC 400 Data Mining and Machine Learning
 STAT/DASC 460 Statistical Research/Practicum

Eight credits of electives from the following list:

STAT 370 Bayesian Statistical Models
 STAT 413 Generalized Linear Mixed Models
 STAT/DASC 296, 298, 488, 490 Topics
 DASC 210 Biostatistics (4 credits)
 DASC 336 Data Communication and Visualization
 DASC 380 Spatial Statistics
 DASC 420 Network Science and Graph Theory
 ACSC 364 Mathematical Finance
 ACSC 375 Short-Term Actuarial Models

Allied Requirement Courses

MATH 113 Calculus I
 or MATH 108 *and* 109 Calculus with Review
 or MATH 111 *and* 112 Calculus for Business
 MATH 114 Calculus II
 MATH 128 Introduction to Discrete Mathematics
 or MATH 240 Linear Algebra
 MATH 200 Multivariable Calculus
 CISC 130 *or* 131 Programming & Problem Solving