

Name _____

**PROGRESS TOWARD COMPLETION OF MAJOR
 B.S. in Statistics**

Prerequisites and semesters offered follow the course. S=Spring; F=Fall; every semester if not listed.

<u>Required Courses</u>		Met	Do
Math 161 – Differential and Integral Calculus I (GE B4)	4	_____	_____
Math 165 – Introductory Applied Statistics (GE B4)	4	_____	_____
Math 211 – Differential and Integral Calculus II (161)	4	_____	_____
Math 220 – Reasoning and Proof (161 AND (one subsequent math class or CS 242)	4	_____	_____
Math 241 – Linear Algebra w/ Appl. in Differential Equations (211)	4	_____	_____
Math 261 – Multivariable Calculus (211).....	4	_____	_____
Math 265 – Intermediate Applied Statistics with R (165 or 250)	4	_____	_____
Math 322 – Linear Algebra (220 and (222 or 241); S).....	4	_____	_____
Math 340 – Real Analysis I (220 and (241 or 261); F)	4	_____	_____
Math 345 – Probability Theory (261*; F)	4	_____	_____
Math 367 – Statistical Consulting and Communication (265)	2	_____	_____
Math 381 – Computing for Statistics: SAS Programming (265*; S)	2	_____	_____
Math 445 – Mathematical Statistics and Operations Research (345; S)	4	_____	_____
Math 465 – Experimental Design and Regression Analysis (265, (241 or 222), 345; S, UD GE Area B)	4	_____	_____
Total units in statistics program	52		
.....		(inc. 8 units in GE)	

Note: Even though it is possible to complete this major with only 24 upper division units, ALL students are required to complete a minimum of 40 upper division units, including GE, the major, and electives, for graduation.

*Courses may be taken concurrently.