

Name _____

**PROGRESS TOWARD COMPLETION OF MAJOR
 B.A. in Applied Statistics**

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

<u>Required Courses</u>	Met	Do
Mathematics and Statistics:		
Math 161 – Differential and Integral Calculus I (3 units in GE)	4	_____
Math 165 – Introductory Applied Statistics	4	_____
Math 211 – Differential and Integral Calculus II (161)	4	_____
Math 241 – Differential Equations with Linear Algebra (211)	4	_____
Math 261 – Multivariable Calculus (241 OR (211 and Phys 114)).....	4	_____
Math 265 – Intermediate Applied Statistics with SPSS (165 or 250).....	4	_____
Math 345 – Probability Theory (261; F)	4	_____
Math 367 – Statistical Consulting and Communication (265).....	2	_____
Math 381 – Computing for Statistics: SAS Programming (265 or concur.; S).....	2	_____
Math 465 – Experimental Design and Regression Analysis (265 and 241; F)	4	_____
Math 467 – Statistical Consulting, Comm. and Project Management	2	_____

Concentration:

At least 12 units of upper division courses in one other field must be chosen in consultation with an advisor in the Department of Mathematics and Statistics. Preferably, these courses will be part of another major.

Course # - Course title	units	Met	Do
_____ - _____	_____	_____	_____
_____ - _____	_____	_____	_____
_____ - _____	_____	_____	_____
_____ - _____	_____	_____	_____
_____ - _____	_____	_____	_____

Total units in statistics program50

Note: Even though it is possible to complete this major with only 26 upper division units, ALL students are required to complete a minimum of 40 upper division units, including GE, the major, and electives, for graduation.

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 (3 units in GE).....4	_____	_____
Math 165 – Introductory Applied Statistics4	_____	_____
Math 211 – Differential and Integral Calculus II (161)4	_____	_____
Math 220 – Higher Mathematics: An Introduction (211)3	_____	_____
Math 241 – Differential Equations with Linear Algebra (211)4	_____	_____
Math 261 – Multivariable Calculus (241 OR (211 and Phys 114)).....4	_____	_____
Math 265 – Intermediate Applied Statistics with SPSS (165 or 250)4	_____	_____
Math 322 – Linear Algebra (222 or 241; S).....3	_____	_____
Math 340 – Real Analysis I (220 and 261; S)4	_____	_____
Math 345 – Probability Theory (261; F)4	_____	_____
Math 367 – Statistical Consulting and Communication (265)2	_____	_____
Math 381 – Computing for Statistics: SAS Programming (265 or concur; S) 2	_____	_____
Math 445 – Mathematical Statistics and Operations Research (345; S)4	_____	_____
Math 465 – Experimental Design and Regression Analysis (265 and 241; F)4	_____	_____
Math 467 – Statistical Consulting, Comm. and Project Management (367) 2	_____	_____
Total units in statistics program52		

Note: Even though it is possible to complete this major with only 25 upper division units, ALL students are required to complete a minimum of 40 upper division units, including GE, the major, and electives, for graduation.