

# Course Planning Guide

Student: \_\_\_\_\_

Catalog Year: \_\_\_\_\_

Major: \_\_\_\_\_

Minor: \_\_\_\_\_

Degree: BS BA

Fall Semester	Year:	Winter Semester	Year:	Spring/Summer Semester	Year:
Semester Credit Total		Semester Credit Total		Semester Credit Total	

Fall Semester	Year:	Winter Semester	Year:	Spring/Summer Semester	Year:
Semester Credit Total		Semester Credit Total		Semester Credit Total	

Fall Semester	Year:	Winter Semester	Year:	Spring/Summer Semester	Year:
Semester Credit Total		Semester Credit Total		Semester Credit Total	

Fall Semester	Year:	Winter Semester	Year:	Spring/Summer Semester	Year:
Semester Credit Total		Semester Credit Total		Semester Credit Total	

Advisor: \_\_\_\_\_

Statistics Department phone: 331-3355 (Department Coordinator: Kay Hart, hartkay@gvsu.edu) <http://www.gvsu.edu/stat>

## Statistics Major Requirements

STATISTICS REQUIREMENTS				COGNATE REQUIREMENTS			
COURSE	CREDITS	TERM	GRADE	COURSE	CREDITS	TERM	GRADE
STA 215 (or) STA 312	3			MTH 201	4		
				MTH 202	4		
STA 216	3			MTH 227	3		
STA 419	3			One of the following Courses:			
STA 412	4						
STA 415	4			CIS 160, 161, 261	3		
Two of the Three Courses:				(or) CIS 162	4		
STA 311	3			APPLICATION REQUIREMENTS			
STA 315	3			Must complete an area of application consisting of two courses with at least six credit hours.			
STA 321	3						
Must complete at least two STA elective courses with at least six credit hours.				COURSE	CREDITS	TERM	GRADE

Note: There is a major requirement that a graduate's GPA in the major exceeds 2.00. All statistics requirements, cognate requirements, and the application requirements should be used to calculate the major GPA.

### Substitutions (if any):

#### Statistics Elective Courses:

STA 301: Questionnaire Design **3 Credits**

STA 310: Introduction to Biostatistics **3 Credits**

STA 314: Statistical Quality Methods **3 Credits**

STA 317: Nonparametric Statistical Analysis **3 Credits**

STA 318: Statistical Computing **3 Credits**

STA 321: Applied Regression Analysis **3 Credits**

STA 380: Statistics Special Topics **1-3 Credits**

STA 421: Bayesian Data Analysis **3 Credits**

STA 425: Actuarial Probability and Statistics **3 Credits**

STA 426: Multivariate Data Analysis **3 Credits**

#### *\*Could be the 3<sup>rd</sup> of:*

STA 311: Intro to Survey Sampling **3 Credits**

STA 315: Design of Experiments **3 Credits**

(or) STA 321: Applied Regression Analysis **3 Credits**