Statistics (2011-2012)

General

This is a **general curriculum** guide and is not applicable to every student and is not a replacement for meeting with your advisor.

-Student has fulfilled MTH 110 prerequisite-

Fall Semester – Year One	**credits**	**Winter Semester – Year One**	**credits**
MTH 122: College Algebra	3	CIS 162: Computer Science I	4
Gen Ed.	3	WRT 150: Strategies in Writing	4
Gen Ed.	3	MTH 123: Trigonometry	3
Gen Ed.	3	Gen Ed	3
Elective	3		
Total	**15**	***Total***	**14**
Fall Semester – Year Two	**credits**	**Winter Semester – Year Two**	**credits**
STA 215: Introductory Applied Statistics *(Gen Ed)*	3	STA 216: Intermediate Applied Statistics	3
Gen Ed.	3	MTH 201: Calculus I	5
Gen Ed.	3	Gen Ed.	3
Elective	3	Elective	3
Elective	3		
Total	**15**	***Total***	**14**
Fall Semester – Year Three	**credits**	**Winter Semester – Year Three**	**credits**
STA 315: Design of Experiments	3	STA 311: Introduction to Survey Sampling	3
STA Elective[2]	3	MTH 227: Linear Algebra I	3
MTH 202: Calculus II	4	Gen Ed.	3
Gen Ed.	3	Gen Ed. or Theme	3
Gen Ed. or Theme	3	Elective**	3
Total	**16***	***Total***	**15**
Fall Semester – Year Four	**credits**	**Winter Semester – Year Four**	**credits**
STA 412: Mathematical Statistics	4	STA 319: Statistics Project *(SWS)*	3
STA Elective[2]	3	STA 415: Mathematical Statistics II	4
Application Elective[3]	3	Application Elective[3]	3
Elective	3	Elective	3
Elective	3	Elective	3
Total	**16***	***Total***	**16***

****Students considering graduate school are recommended to take MTH 203: Calculus III**

***The block tuition rate is for 12-15 credits. You will pay additional tuition for any credits over 15.**

Notes:

[1] In order to take STA 312, you must have completed MTH 201.

[2] All Statistics majors must complete at least 2 statistics elective courses from the following: STA 310: Introduction to Biostatistics, STA 314: Statistical Quality Methods, STA 317: Nonparametric Statistical Analysis, STA 318: Statistical Computing, STA 321: Applied Regression Analysis, STA 416: Multivariate Data Analysis, or STA 421: Bayesian Data Analysis.

[3] Each major in statistics must select an area of application consisting of at least six credits from outside statistics. Students must meet with their statistics advisor to develop specific plans for their application cognates. Students are strongly encouraged to meet with their advisor as soon as their major in statistics is declared.

Special Notes:

A. This is a **general** curriculum guide and will not work for everyone, especially those students who have AP or CLEP credit.

B. Courses that have *(Gen Ed)* written after them are classes that are required in the major and also fulfill a section of the general education program.

C. Complete a total of two courses with an SWS attribute. The two SWS courses may not be taken from the same department or school. One must be from outside the student's major unit.

It is imperative to meet with your faculty advisor or an advisor in the CLAS Academic Advising Center early in your career.
The CLAS Academic Advising Center is located in C-1-140 MAK, 616-331-8585.
Online at: http://www.gvsu.edu/clasadvising
Prepared by CLAS Academic Advising Center – 3/10/2011