

Statistics (2010-2011)

General

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

-Assumes student is starting in MTH 201-

Fall Semester – Year One	credits	Winter Semester – Year One	credits
MTH 201: Calculus I	5	MTH 202: Calculus II	4
Gen Ed.	3	WRT 150: Strategies in Writing	4
Gen Ed.	3	STA 312: Probability and Statistics ¹	3
Gen Ed.	3	Gen Ed	3
Total	14	Total	14
Fall Semester – Year Two	credits	Winter Semester – Year Two	credits
CIS 162: Computer Science I	4	STA 311: Introduction to Survey Sampling	3
STA 216: Intermediate Applied Statistics	3	MTH 227: Linear Algebra I	3
Gen Ed.	3	Gen Ed.	3
Gen Ed.	3	Elective*	3
Elective	3	Elective	3
Total	16	Total	15
Fall Semester – Year Three	credits	Winter Semester – Year Three	credits
STA 315: Design of Experiments	3	STA Elective ²	3
STA Elective ²	3	WRT 305: Writing in the Disciplines ³	3
Gen Ed.	3	Gen Ed. or Theme	3
Gen Ed. or Theme	3	Elective	3
Elective	3	Elective	3
Total	15	Total	15
Fall Semester – Year Four	credits	Winter Semester – Year Four	credits
STA 412: Mathematical Statistics I	4	STA 319: Statistics Project	3
Application Elective ⁴	3	STA 415: Mathematical Statistics II	4
Gen Ed. or Theme	3	Gen Ed. or Theme	3
Elective	3	Application Elective ⁴	3
Elective	3	Elective	3
Total	16	Total	16

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

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 Students who pass out of WRT 305 have room to take a GenEd, Theme, or elective course in this semester.

⁴ 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:

- This is a **general** curriculum guide and will not work for everyone, especially those students who have AP or CLEP credit.
- 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.
- Remember to fulfill your 2 SWS requirements; 1 can be taken in the gen ed program and 1 in your major.
- Some classes are in multiple sections within the gen ed. If you take a course that can be counted in two categories, you can open up 1-2 more spots for major electives.
- You must have **120 credits** to graduate from Grand Valley State University.

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 – 4/20/10