

Biomedical Sciences (2009-2010)

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 is starting in MTH 110-

Fall Semester – Year One	credits	Winter Semester- Year One	credits
BIO 120: General Biology I (<i>Gen Ed</i>)	4	CHM 115: Principles of Chemistry I	5
MTH 110: Algebra	4	MTH 122: College Algebra (<i>Gen Ed</i>)	3
Gen Ed.	3	WRT 150: Strategies in Writing	4
Gen Ed.	3	Gen Ed.	3
Total	14	Total	15
Fall Semester – Year Two	credits	Winter Semester – Year Two	credits
MTH 123: Trigonometry	3	BIO 355: Human Genetics OR	3
CHM 116: Principles of Chemistry II	5	BIO 375/376: Genetics/ Genetics Lab	4
BMS 208: Human Anatomy	3	CHM 241: Organic Chemistry for Life Science I	4
Gen Ed.	3	STA 215: Introductory Applied Statistics	3
		Gen Ed.	3
		Gen Ed.	3
Total	14	Total	16-17
Fall Semester – Year Three	credits	Winter Semester – Year Three	credits
CHM 242: Organic Chemistry for Life Science II	4	CHM 232: Biological Chemistry	4
BMS 290/291: Human Physiology w/lab	4	or	
PHY 220: General Physics I	5	CHM 461: Biochemistry I	4
Gen Ed. or Theme	3	BMS 301: Introduction to Research in the Health Sciences	3
		PHY 221: General Physics II	5
		WRT 305: Writing in the Disciplines ¹	3
Total	16	Total	15
Fall Semester – Year Four	credits	Winter Semester – Year Four	Credits
BMS 212/213: Introductory Microbiology	4	BMS 495: (SWS) Concepts in Wellness	3
Major Elective	3	Major Elective	3
Elective	3	Elective	3
Gen Ed. or Theme	3	Gen Ed. or Theme	3
Gen Ed. or Theme	3	Gen Ed. or Theme	3
Total	16	Total	15

Notes:

¹Students who pass out of WRT 305 have room to take a GenEd, Theme, or elective course in this semester.

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.
- Major electives must consist of at least 6 hours of upper-division Biomedical Science courses (BIO 422: Embryology, BIO 405/406 Cell and Molecular Biology w/Lab or CHM 461: Biochemistry may be included in these six hours).
- 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 – 8/4/09