

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.

-Assumes that the MTH 110 requirement has been fulfilled-

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

Notes:

¹ Students 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>
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