

# 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
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>
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	<b>or</b>	
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
<b>Total</b>	<b>15</b>	Gen Ed.	3
		<b>Total</b>	<b>14-15</b>
Fall Semester – Year Three	credits	Winter Semester – Year Three	credits
CHM 232: Biological Chemistry	4	BMS 212/213: Introductory Microbiology	4
<b>or</b>		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 <sup>1</sup>	3
PHY 220: General Physics I	5		
Gen Ed. or Theme	3	<b>Total</b>	<b>15</b>
<b>Total</b>	<b>16</b>		
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
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>

### Notes:

<sup>1</sup>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>

Prepared by CLAS Academic Advising Center – 8/4/09