

Biomedical Sciences (2012-2013)

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 needs MTH 110 prerequisite-

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	BMS 208: Human Anatomy	3
CHM 116: Principles of Chemistry II	5	CHM 241: Organic Chemistry for Life Science I	4
BIO 375/376 Genetics/Genetics Lab OR	4	STA 215: Introductory Applied Statistics	3
BIO 355: Human Genetics	3	Elective	3
Gen Ed.	3	Gen Ed.	3
Total	14-15	Total	16*
Fall Semester – Year Three	credits	Winter Semester – Year Three	credits
CHM 242: Organic Chemistry for Life Science II	4	CHM 461: Biochemistry I OR	4
BMS 301: Intro. To Research in Biomedical Sciences	3	CHM 232: Biological Chemistry	4
PHY 220: General Physics I	5	BMS 290/291: Human Physiology w/ lab	4
Gen Ed. or Theme	3	PHY 221: General Physics II	5
Total	16*	Total	15
Fall Semester – Year Four	credits	Winter Semester – Year Four	credits
BMS 212/213: Introductory Microbiology	4	BMS 495: Concepts in Wellness (SWS)	3
Major Elective ¹	3	Major Elective ¹	3
Elective	3	Elective	3
Gen Ed. or Theme	3	Gen Ed.	3
Gen Ed. or Theme	3	Gen Ed. Or Theme	3
Total	16*	Total	15

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

Notes:

¹Major electives must consist of at least 6 hours of upper-division Biomedical Science courses (BMS 300, BMS 302-373, BMS 375-494, BMS 496-599, BIO 422: Embryology, BIO 405/406 Cell and Molecular Biology w/Lab or CHM 461: Biochemistry may be included in these six hours; BMS 301 Intro to Research, BMS 374 Physiological Aspects of Death and Dying and BMS 495 Concepts in Wellness cannot be used as electives).

Special Notes:

- This is a **general** curriculum guide and will not work for everyone, especially those students who have AP, IB or CLEP credit. For students without high school chemistry, CHM 109 is strongly encouraged.
- 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.
- Students must complete a total of two courses with an SWS attribute.

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 – 1/23/12