

Biomedical Science Major (Physical Therapy Prerequisites Included)¹
Suggested Pattern of Coursework 2008-2009 (MTH 122 Placement)

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	MTH 123: Trigonometry	3
MTH 122: College Algebra (<i>Gen Ed</i>)	3	WRT 150: Strategies in Writing	4
Gen Ed.*	3	Gen Ed.	3
Total	15	Total	15
Fall Semester – Year Two	credits	Winter Semester – Year Two	credits
BMS 208: Human Anatomy	3	CHM 242: Organic Chm. for Life Sci. II	4
CHM 241: Organic Chm. for Life Sci. I	4	PSY 364: Life Span Developmental Psych.	3
PSY 101: Intro. Psychology (<i>Gen Ed</i>)	3	Gen Ed.	3
STA 215: Introductory Applied Statistics	3	Gen Ed.	3
Gen Ed.	3	Gen Ed.	3
Total	16	Total	16
Fall Semester – Year Three	credits	Winter Semester – Year Three	credits
BMS 290/291: Human Physiology w/lab	4	BMS 212/213: Intro. to Microbiology	4
CHM 232: Biological Chemistry	4	PHY 221: General Physics II	5
PHY 220: General Physics I	5	Gen Ed., Theme, or WRT 305 ²	3
Gen Ed. or Theme	3	Gen Ed. or Theme	3
Total	16	Total	15
Fall Semester – Year Four	credits	Winter Semester – Year Four	Credits
BIO 355: Human Genetics	3	BMS 495: Concepts in Wellness (Capstone)	3
MOV 304: Physiology of Activity	3	BMS 309: Human Anatomy Lab	1
BMS 301: Introduction to Research	3	BMS Major Elective	3
BMS Major Elective	3	Elective	3
Gen Ed. or Theme	3	Elective	3
Total	15	Total	16

Notes:

* The Physical Therapy program requires students to take one of the following courses: SOC 201, SOC 280, OR ANT 204. All three courses are part of the general education program and may be used both to satisfy a general education requirement and the PT prerequisite.

¹ A Bachelor's degree is required to apply to the Doctorate of Physical Therapy program. A student is not able to major in Pre-Physical Therapy. A major, such as Biomedical Science, is suitable for the undergraduate major. Consult with an Academic Advisor to discuss other possible majors.

² Students who pass the WRT 305 exam have room to take a GenEd, Theme, or elective course in this semester.

Special Notes:

- A. This is a **general** curriculum guide and will not work for everyone, especially those students who have AP or CLEP credit.
- B. 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.
- C. Remember to fulfill your 2 SWS requirements; 1 can be taken in the general education program and 1 in your major.
- D. Some classes are in multiple sections within the general education. If you take a course that can be counted in two categories, you can open up 1-2 more spots for major electives.
- E. You must have a minimum of **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 – 6/16/08