

Bachelor of Science in Biomedical Science with Physical Therapy Prerequisites ¹

Fall Semester – Year One	credits	Winter Semester- Year One	credits
BIO 120: General Biology I (<i>Gen Ed</i>)	4	CHM 115: Principles of Chem I (<i>Gen Ed</i>)	5
MTH 110: Algebra	4	WRT 150: Strategies in Writing	4
Gen Ed.*	3	MTH 122: College Algebra (<i>Gen Ed</i>)	3
Gen Ed.	3	Gen Ed.	3
Total	14	Total	15
Fall Semester – Year Two	credits	Winter Semester – Year Two	credits
BMS 208: Human Anatomy	3	CHM 241: Organic Chm. for Life Sci. I	4
CHM 116: Principles of Chemistry II	5	PSY 364: Life Span Developmental Psych.	3
MTH 123: Trigonometry	3	STA 215: Introductory Applied Statistics	3
PSY 101: Intro. Psychology (<i>Gen Ed</i>)	3	Gen Ed.	3
Total	14	Total	16
Fall Semester – Year Three	credits	Winter Semester – Year Three	credits
CHM 242: Organic Chm. for Life Sci. II	4	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
Gen Ed. or Theme	3	Gen Ed., Theme, or WRT 305 ²	3
Total	15	Total	16
Fall Semester – Year Four	credits	Winter Semester – Year Four	Credits
BIO 355: Human Genetics	3	BMS 495: Concepts in Wellness (Capstone)	3
BMS 212/213: Intro. to Microbiology	4	BMS 309: Human Anatomy Lab	1
MOV 304: Physiology of Activity	3	BMS Major Elective	3
BMS 301: Introduction to Research	3	Gen Ed. or Theme	3
BMS Major Elective	3	Elective	3
Total	16	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 are part of the general education program.

¹ The Physical Therapy program at GVSU is a Clinical Doctorate degree which requires the completion of a nationally accredited bachelor’s degree prior to the start of the program. No specific major is required.

² Students who pass the WRT 305 exam have room to take a Gen Ed, 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.

Students majoring in Biomedical Science are encouraged to meet with an advisor in the CLAS Academic Advising Center (616-331-8585) for their undergraduate program while also meeting with an advisor in the College of Health Professions (616-331-3356) to discuss the admission requirements for the Physical Therapy program.