

Bachelor of Science
Biology
 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	BIO 121: General Biology II	4
MTH 110: College Algebra	4	CHM 115: Principles of Chemistry I	5
PSY 101: Intro. Psychology (<i>Gen Ed</i>)	3	MTH 122: College Algebra (<i>Gen Ed</i>)	3
WRT 150: Strategies in Writing	4	Gen Ed.*	3
Total	15	Total	15
Fall Semester – Year Two	credits	Winter Semester – Year Two	credits
BIO 215: General Ecology	4	BMS 208: Human Anatomy	3
CHM 116: Principles of Chemistry II	5	CHM 231: Introductory Organic Chemistry	4
MTH 123: Trigonometry	3	STA 215: Introductory Applied Statistics	3
Gen Ed.	3	Gen Ed.	3
Total	15	Total	16
Fall Semester – Year Three	credits	Winter Semester – Year Three	credits
BMS 290/291: Human Physiology w/lab	4	BIO 375/376: Genetics/ Genetics Lab	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	PSY 364: Life Span Developmental Psych	3
Total	16	Total	15
Fall Semester – Year Four	credits	Winter Semester – Year Four	Credits
BIO 405/406: Cell/Molecular Biology	6	BIO Elective	3
BIO Plant Elective ³	3-4	BIO 495: Evolutionary Biology (Capstone)	3
Gen Ed. or Theme	3	BMS 309: Human Anatomy Lab	1
Gen Ed. or Theme	3	MOV 304: Physiology of Activity	3
Total	15-16	Gen Ed. or Theme	3
		Gen Ed. or Theme	3
		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.

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 GenEd, Theme, or elective course in this semester.

³ Students are required to take one course in plant biology. Available course options include: BIO 303, 323, 333, 403, 413, 423, **OR** 573 (with permission).

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 Biology are encouraged to meet with an advisor in the Biology department (616-331-2470) for advising in 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.