

Bachelor of Science in
Biomedical Science - General
 with
 Physician Assistant 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	MTH 122: College Algebra (<i>Gen Ed</i>)	3
Gen Ed.	3	WRT 150: Strategies in Writing	4
Gen Ed.	3	Gen Ed. or Theme	3
Total	14	Total	15
Fall Semester – Year Two	credits	Winter Semester – Year Two	credits
BMS 208: Human Anatomy *	3	BIO 355: Human Genetics	3
CHM 116: Principles of Chemistry II	5	CHM 241: Organic Chm for Life Sciences I	4
PSY 101: Intro. Psychology (<i>Gen Ed</i>)	3	STA 215: Introductory Applied Statistics	3
MTH 123: Trigonometry	3	Gen Ed. or Theme	3
Total	14	Total	16
Fall Semester – Year Three	credits	Winter Semester – Year Three	credits
BMS 212/213: Microbiology/Lab *	4	BMS 290/291: Human Physiology/Lab *	4
CHM 242: Organic Chm for Life Sciences II	4	CHM 232: Biological Chemistry *	4
PHY 220: General Physics I	5	PHY 221: General Physics II	5
BIO 328: Biomedical Ethics (SWS) ³	3	Gen Ed. or Theme, or WRT 305 ²	3
Total	16	Total	16
Fall Semester – Year Four	credits	Winter Semester – Year Four	Credits
BMS 301: Research in Health Science	3	BMS 495: Concepts in Wellness (SWS)	3
Gen Ed. or Theme	3	Gen Ed. or Theme	3
Gen Ed. or Theme	3	Gen Ed. or Theme	3
BMS 305: Clinical Nutrition ³	3	Elective	3
BMS 309: Lab in Human Anatomy ³	1	BMS 311: Pharmacology ³	3
BMS 310: Basic Pathophysiology ³	3	Total	15
Total	16		

Notes:

* These courses must have been completed within the last five years or be retaken.

¹ A Physician Assistant Studies program at GVSU is a Master's 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.

³ These courses have been found beneficial for success in the program though are **not required** as pre-requisites.

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 Physician Assistant Studies Program.