

Bachelor of Science (B.S.)  
**Allied Health Sciences**  
Emphasis: Pre-Health Physician Assistant Studies

| 1 <sup>st</sup> Year ~ Fall  | Credits | 1 <sup>st</sup> Year ~ Winter                                  | Credits |
|--|---------|--|---------|
| AHS 110: Introduction to Health Care                                     | 3       | <b><sup>2</sup>BIO 120: General Biology I</b> GE Life Sciences | 4       |
| <b>CHM 109: Introductory Chemistry</b> GE Physical Sciences              | 4       | <b>PSY 101: Introductory Psychology</b> GE Social & Behavioral | 3       |
| <sup>1</sup> MTH 110: Algebra <i>Prerequisite to STA 215 and PHY 200</i> | 4       | <sup>3</sup> General Education course Foundation- Writing      | 4       |
| General Education Course Arts  | 3       | General Education Course Philosophy & Literature               | 3       |
| Elective (as needed to reach 120 credits)                                | 1       | Elective (as needed to reach 120 credits)                      | 1       |
| Total Credit Hours   | 15      | Total Credit Hours   | 15      |

| 2 <sup>nd</sup> Year ~ Fall                           | Credits | 2 <sup>nd</sup> Year ~ Winter                | Credits |
|---|---------|--|---------|
| AHS 100: Medical Terminology                          | 3       | <b><sup>4</sup>BMS 290: Human Physiology</b> | 3       |
| <b><sup>4</sup>BMS 208: Human Anatomy</b>             | 3       | <b>BIO 355: Human Genetics</b>               | 3       |
| <b>CHM 231: Introductory Organic Chemistry</b>        | 4       | General Education Course Global Perspectives | 3       |
| General Education Course Social & Behavioral Sciences | 3       | General Education Course Historical Analysis | 3       |
| Electives (as needed to reach 120 credits)            | 2       | Electives (as needed to reach 120 credits)   | 3       |
| Total Credit Hours                                    | 15      | Total Credit Hours                           | 15      |

| 3 <sup>rd</sup> Year ~ Fall                                 | Credits | 3 <sup>rd</sup> Year ~ Winter                           | Credits |
|---|---------|---|---------|
| AHS 340: Health Care Management GE Issues                   | 3       | <b>BMS 212: Introductory Microbiology</b>               | 3       |
| <b><sup>4</sup>BMS 391: Laboratory in Human Physiology</b>  | 2       | <b>BMS 213: Laboratory in Microbiology</b>              | 1       |
| <b>CHM 234: Biological Chemistry</b> (Previouslyly CHM 232) | 4       | <b>PHY 200: Physics for the Life Sciences</b>           | 4       |
| BIO 328: Biomedical Ethics GE Issues                        | 3       | <b>STA 215: Introductory Applied Statistics</b> GE Math | 3       |
| Electives (as needed to reach 120 credits)                  | 3       | General Education Course GE U.S. Diversity              | 3       |
|   |         | Electives (as needed to reach 120 credits)              | 1       |
| Total Credit Hours  | 15      | Total Credit Hours                                      | 15      |

| 4 <sup>th</sup> Year ~ Fall                                  | Credits | 4 <sup>th</sup> Year ~ Winter  | Credits |
|--|---------|--|---------|
| <sup>5</sup> AHS 301: Introduction to Health Care Research   | 3       | AHS 495: Issues in Health Professions Capstone & SWS                         | 3       |
| AHS 321: Ethical & Legal Responsibilities in Health Care SWS | 3       | <b><sup>6</sup>BMS 309: Laboratory in Human Anatomy</b> (optional for major) | 2       |
| BMS 305: Clinical Nutrition                                  | 3       | BMS 311: Pharmacological Aspects of BMS                                      | 3       |
| BMS 310: Basic Pathophysiology                               | 3       | Electives (as needed to reach 120 credits)                                   | 7       |
| Electives (as needed to reach 120 credits)                   | 3       |  |         |
| Total Credit Hours   | 15      | Total Credit Hours   | 15      |

**GVSU Master of Physician Assistant Studies prerequisite courses are listed in BOLD**

**Curriculum Notes**

<sup>1</sup> MTH 108 and MTH 109 or passing [Math 110 Placement test](#) may be taken in place of MTH 110.

<sup>2</sup> BIO 180 (fall) & BIO 280 (winter) stretch **or** CMB 155 (lec) & 156 (lab) may be taken in place of BIO 120. Meet with a CHP academic advisor before electing this substitution.

<sup>3</sup> Student may take WRT 120 & WRT 130 or WRT 150 to meet their Foundation- Writing requirement. ("C" or better is required in WRT 130 or WRT 150)

<sup>4</sup> BMS 208, 290, 391 & 309 is preferred/required by many PA programs, however GVSU's PAS program will accept BMS 250 & 251 for anatomy and physiology.

<sup>5</sup> PSY 300 (SWS) may be used in place of AHS 301. AHS 301 is NOT an SWS.

<sup>6</sup> BMS 309 is **not** required by the major, though highly recommended if pursuing a Physician Assistant program when taking BMS 208, 290, & 391. "C-" in BMS 208 required.

**Special Notes:**

- This is a suggested curriculum guide and might not be applicable to every student.
- Courses that include 'GE' are required in the major **AND** fulfill a General Education requirement.
- Two (2) Supplemental Writing Skills (SWS) courses are required.
- Student must have a **minimum of 120 credits** to graduate with **58 of the 120 credits** being from a senior level institution and the **final 30 of the 120 credits** must be completed at GVSU to meet the residency requirement. Elective coursework may be necessary to reach these requirements.

The Physician Assistant Studies program at GVSU is a master's degree which requires the completion of an accredited bachelor's degree. NO SPECIFIC MAJOR IS REQUIRED.

The Allied Health Sciences (AHS) undergraduate major resides in the College of Health Professions (CHP).

**For more information or to meet with a CHP Student Services Academic Advisor, please call (616) 331-5900**

Visit our websites at [www.gvsu.edu/chpps](http://www.gvsu.edu/chpps) and the AHS website at [www.gvsu.edu/ahs](http://www.gvsu.edu/ahs)