Bachelor of Science (B.S.)

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Allied Health Sciences

**Emphasis:** **Pre-Health Physician Assistant Studies**1

**2024 - 2025**

Catalog Year

Year 1 & 2 at North Central Michigan College (NCMC)**2**

Year 3 & 4 at Grand Valley State University (GVSU)

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| **1st Year ~ Fall @ NCMC** | Credits | **1st Year ~ Winter @ NCMC** | Credits |
| **3**AH 232- Intro to Health Systems  **3**AH 233 Intro to Health Professions  **BIO 151 General Biology I**  ENG 111- English Composition I  Math 130- College Algebra | 2  1  4  3  4 | BIO 152 General Biology II  ENG 112- English Composition II  OAS 116-Medical Terminology  **PSY 161- Introduction to Psychology**  **STAT 200- Statistics** | 4  3  3  3  3 |
| Total Credit Hours | 14 | Total Credit Hours | 16 |

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| **2nd Year ~ Fall @ NCMC** | Credits | **2nd Year ~ Winter @ NCMC** | Credits |
| **BIO 235 - Anatomy & Physiology I**  **CEM 121- Principle of Chemistry**  COM 111- Public Speaking or COM 170- Interpersonal Comm.  Humanities Elective | 4  5  3  3 | **BIO 236 - General Anatomy & Physiology II**  **CEM 122- Principles of Chemistry II**  Humanities Elective  Social Science Elective | 4  5  3  3 |
| Total Credit Hours | 15 | Total Credit Hours | 15 |

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| **3rd Year ~ Fall @ GVSU** | Credits | **3rd Year ~ Winter @ GVSU** | Credits |
| AHS 340: Health Care Management GE Issues  **CHM 231: Intro. Organic Chemistry**  BIO 355: Human Genetics  General Education Course Global Perspectives  **5**Electives | 3  4  3  3  2 | **BMS 212: Introductory Microbiology**  **BMS 213: Laboratory in Microbiology**  **CHM 232: Biological Chemistry**  BIO 328: Biomedical Ethics GE Issues  General Education Course U.S. Diversity  **5**Elective | 3  1  4  3  3  1 |
| Total Credit Hours | 15 | Total Credit Hours | 15 |

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| **4th Year ~ Fall @ GVSU** | Credits | **4th Year ~ Winter @ GVSU** | Credits |
| **4**AHS 301: Introduction to Health Care Research  AHS 321: Ethical & Legal Responsibilities in Health Care SWS  BMS 305: Clinical Nutrition BMS 310: Basic Pathophysiology  **5**Electives | 3  3  3  3 3 | AHS 495: Issues in Health Professions Capstone & SWS  BMS 311: Pharmacological Aspects of BMS  **PHY 200: Physics for the Life Sciences  5**Electives | 3  3  4  5 |
| Total Credit Hours | 15 | Total Credit Hours | 15 |

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

**Curriculum Notes**

**1**The Physician Assistant Studies program at GVSU is a master’s degree which requires the completion of a nationally accredited bachelor’s degree by May prior to the fall start of the program. **NO SPECIFIC MAJOR IS REQUIRED.** Graduate program information is available at [www.gvsu.edu/pas](http://www.gvsu.edu/pas).

**2**Year one and two at NCMC is structured to meet the Michigan Transfer Agreement (MTA). If students do not complete the MTA additional General Education courses may be

required at GVSU.

**3** Both AH 232 and AH 233 must be completed to receive credit for AHS 110 at GVSU.

**4**Students may substitute PSY 300 in place of AHS 301. AHS 301 is NOT an SWS.

**5** Students may need elective courses to fulfill the minimum 120 credits required to graduate at GVSU.

**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.

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/chpss](http://www.gvsu.edu/chpss) and the AHS website at [www.gvsu.edu/ahs](http://www.gvsu.edu/ahs)