

Pre-Health Professional Physician Assistant Studies Emphasis- Minor not Required, Secondary Admission not Required

Physician Assistants (PAs) are health care professionals who practice under the supervision of physicians. PAs are formally trained to provide diagnostic, therapeutic, and preventative health care services as well as treating minor injuries. The Bureau of Labor Statistics predicts that the PA profession will grow much faster than average between 2008 and 2018. Physician Assistant programs provide this graduate-level education. The Pre-Health Professional Emphasis in Physician Assistant Studies provides those courses necessary to enhance a student's science background needed for applicant consideration. The courses in this emphasis were developed in cooperation with GVSU's graduate Physician Assistant Studies (PAS) program. This emphasis also provides a curriculum that generally aligns with entrance recommendations for graduate physician assistant programs across the country. Students need to consult the course entry requirements of PAS programs outside of GVSU for specific requirements. Students will be advised that while most PAS graduate programs require an overall and science GPA of 3.0 for application, a GPA far in excess of 3.0 is usually needed for admission. Students are strongly encouraged to periodically meet with their academic advisors to determine their eligibility for continuing the pre-PAS emphasis.

The student should be advised that progression through the Pre-Health Professional Physician Assistant Studies Emphasis does not represent the only route of preparation for application to this graduate program. Other majors are also suitable, so long as the student closely follows the prerequisite science curriculum set forth by the GVSU PAS graduate program.

Pre-Health Professional Physician Assistant Studies Emphasis Courses

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| AHS 495 Issues in Health Professions | 3 credits (Capstone) |
| BIO 328 BioMedical Ethics | 3 credits |
| BIO 355 Human Genetics | 3 credits |

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| BMS 208 Human Anatomy | 3 credits |
| BMS 290 Human Physiology | 3 credits |
| BMS 291 Human Physiology Laboratory | 1 credit |

or

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| BMS 250/251 Anatomy & Physiology I & II | (8) credits |
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| BMS 212 Introduction to Microbiology | 3 credits |
| BMS 213 Microbiology Laboratory | 1 credit |
| BMS 305 Clinical Nutrition | 3 credits |

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| BMS 310 Basic Pathophysiology | 3 credits |
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| BMS 311 Pharmacological Aspects of BMS | 3 credits |
| CHM 109 Introductory Chemistry | 4 credits |

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| CHM 231 Introduction to Organic Chemistry | 4 credits |
| CHM 232 Biological Chemistry | 4 credits |
| PHY 200 Physics for the Life Sciences | 4 credits |
| PSY 101 Introductory Psychology | 3 credits |
| Electives | 25 credits (a minor can be elected with advisement, if desired) |
| Total in Emphasis | 73 credits (calculated using BMS 208/290/291 sequence) |
| AHS core | 22 credits |
| Gen. Ed. unduplicated | 25 credits |
| Degree Total | 120 (121)credits |

Suggested sequence of Courses:

Fall Year One

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|-------------------------------------|-------|
| AHS 110 Intro to Health Professions | 3 cr |
| CHM 109 Intro to Chemistry | 4 cr |
| MTH 110 Algebra (or 4 cr elective) | 4 cr |
| Gen. Ed. - U. S. Diversity | 3 cr |
| Total | 14 cr |

Winter Year One

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| BIO 120 General Biology | 4 cr |
| PSY 101 Intro to Psychology (Gen Ed. Soc/Beh) | 3 cr |
| WRT 150 Strategies in Writing | 4 cr |
| Gen. Ed. - Art | 3 cr |
| Total | 14 cr |

Fall year Two

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|------------------------------------|--------|
| AHS 100 Medical Terminology | 3 cr |
| BMS 208 Human Anatomy | 3 cr |
| or BMS 251 Anatomy & Physiology I | (4 cr) |
| CHM 231 Intro to Organic Chemistry | 4 cr |
| Elective | 3 cr |
| Gen. Ed. - World | 3 cr |

Winter Year Two

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|---------------------------------------|--------|
| BMS 290 & 291 Human Physiology w/ lab | 4 cr |
| or BMS 251 Anatomy & Physiology II | (4 cr) |
| BIO 355 Human Genetics | 3 cr |
| Elective | 2 cr |
| Gen. Ed. - Soc/Beh | 3 cr |
| Gen. Ed. - Philosophy | 3 cr |

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| | Total | 16(17) cr | | Total | 15 cr |
| Fall Year Three | | | Winter Year Three | | |
| AHS 340 Health Care Management (theme 16) | 3 cr | | BMS 212/213 Intro Microbiology w/ lab | 4 cr | |
| CHM 232 Biological Chemistry | 4 cr | | STA 215 Intro Applied Statistics | 3 cr | |
| PHY 200 Physics for Life Sciences | 4 cr | | BMS 305 Clinical Nutrition | 3 cr | |
| BIO 328 BioMedical Ethics | 3 cr | | Elective | 3 cr | |
| Elective | 1 cr | | Gen. Ed. - History | 3 cr | |
| | Total | 15 cr | | Total | 16 cr |
| Fall Year Four | | | Winter Year Four | | |
| AHS 301 Intro to Health Care Research | 3 cr | | AHS 495 Issues in Health Professions | 3 cr | |
| AHS 321 Legal & Ethical Resp. in H. Care (SWS) | 3 cr | | Theme | 3 cr | |
| BMS 310 Basic Pathophysiology | 3 cr | | BMS 311 Pharm. Aspects of BMS | 3 cr | |
| Electives | 6 cr | | Electives | 6 cr | |
| | Total | 15 cr | | Total | 15 cr |
| | | | Total | 120 (121 if BMS 250/251 taken) credits | |

Students are responsible for one additional SWS course, which can be from electives or general education courses.