

## **Pre-Health Professional Physical Therapy Emphasis - Minor not Required, Secondary Admission not Required**

Physical Therapists (PTs) are health care professionals who diagnose and treat individuals with health-related conditions, illnesses, or injuries that limit their ability to move and perform normal daily activities. Employment projections are far greater than normal growth (30% growth between 2008 and 2018) based on changes in health care laws and the aging American population. The American Physical Therapy Association's (APTA) accrediting body, The Commission on Accreditation of Physical therapy Education (CAPTE), only accredits graduate programs; however, a baccalaureate degree and the necessary undergraduate preparation is highly recommended for admission into a Doctor of Physical Therapy program. The courses in this emphasis were developed in cooperation with GVSU's graduate Doctor of Physical Therapy (DPT) program. This emphasis also provides a curriculum that generally aligns with entrance recommendations for graduate physical therapy programs across the country. Students need to consult the prerequisites of DPT programs outside of GVSU for specific requirements. Students will be advised that the GVSU DPT program requires a minimum GPA of 3.20 and that GVSU, as do most DPT programs in other institutions, admit students with an overall and science GPA far in excess of 3.2. Students are strongly encouraged to meet periodically with their academic advisor to determine their eligibility for continuing the pre-health professional PT emphasis.

The student should be advised that progression through the Pre-Health Professional Physical Therapy 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 DPT graduate program.

### **The Pre-Health Professional Physical Therapy Emphasis Curriculum**

AHS 495 Issues in Health Professions	3 credits (Capstone)
BMS 212/213 Intro to Microbiology/w/lab	4 credits
CHM 109 General Chemistry I	4 credits
CHM 231 Introduction to Organic Chemistry	4 credits
CHM 232 Biological Chemistry	4 credits
MOV 304 Physiology of Activity	3 credits
MTH 122 College Algebra	3 credits
MTH 123 (or MTH 125 or MTH 201 Trig)	3 credits
PHY 220 Physics I	5 credits
PHY 221 Physics II	5 credits
PSY 101 Introduction to Psychology	3 credits
PSY 364 Life Span Development Psychology	3 credits
SOC 201 Introduction to Sociology	3 credits (ANT 204 or SOC 205 acceptable here)

also to fulfill Gen. Ed. Soc/Beh)

Students should choose one of the following Anatomy and Physiology sequences:

**Sequence A**

BMS 208 Anatomy 3 credits

BMS 290 Human Physiology 3 credits

BMS 291 Human Physiology Laboratory 1 credit

(Students may consider BMS 309 Human Anatomy Laboratory as a recommended elective in this sequence)

Or

**Sequence B**

BMS 250/251 Anatomy & Physiology I & II 8 credits

**Electives**

21 credits (minor not required, but may select one with advisement)

Total in Emphasis

76

AHS Core

22

Gen Ed.

22 (unduplicated)

Total in degree

120

Suggested Sequence of courses:

Fall Year One

AHS 110 Intro to Health Care  
4 cr

CHM 109 Intro to Chemistry  
Soc/Beh) 3 cr

MTH 110 Algebra (or 4 cr elective)  
Writing 4 cr

Gen. Ed. - Arts

Philosophy

3 cr

Total 14 cr

Winter Year One

BIO 120 General Biology I

PSY 101 Intro to Psychology (Gen Ed.

WRT 150 Strategies in

Gen. Ed. -

Total

14

cr

#### Fall Year Two

AHS 100 Medical Terminology	3 cr
BMS 208 Human Anatomy	3 cr
Or BMS 251 Anatomy & Physiology II	(4 cr)
CHM 231 Intro Organic Chemistry	4 cr
MTH 122 College Algebra	3 cr
Elective	3 cr
<b>Total</b>	<b>16 (17) cr</b>

#### Winter Year Two

BMS 290/291 Human Physiology w/ lab	4 cr
Or BMS 251 Anatomy & Physiology II	(4 cr)
MTH 123 (prereq for PHY 220)	3 cr
SOC 201, 205 or ANT 204 (PT required - fulfills Gen. Ed. Soc/Beh)	3 cr
Gen. Ed. - History	3 cr
Gen. Ed. – U.S. Diversity	3 cr
<b>Total</b>	<b>16 cr</b>

#### Fall Year Three

AHS 340 Health Care Mgt. (theme 16)	3 cr
PHY 220 Physics I	5 cr
CHM 232 Biological Chemistry	4 cr
PSY 364 Life Span Dev. Psychology	3 cr
BMS 309 Human Anatomy Lab (recommended)	1 cr
<b>Total</b>	<b>16 cr</b>

#### Winter Year Three

BMS 212/213 Intro Microbiology w/ lab	4 cr
STA 215 Intro to Applied Statistics	3 cr
PHY 221 Physics II	5 cr
MOV 304 Physiology of Activity	3 cr
<b>Total</b>	<b>15 cr</b>

#### Fall Year Four

AHS 321 Legal & Ethical Resp in HC (SWS)	3 cr
AHS 301 Intro to Health Care Research Theme	3 cr
Electives (SWS)	5 cr
<b>Total</b>	<b>14 cr</b>

#### Winter Year Four

Gen. Ed. - World	3 cr
AHS 495 Issues in Health Professions	3 cr
Electives	9 cr
<b>Total</b>	<b>15</b>

cr

**Total Credits 120**