

**EXERCISE SCIENCE – BS – CLINICAL EXERCISE SCIENCE EMPHASIS****--PHYSICAL THERAPY PREREQUISITES INCLUDED--**THIS IS A GENERAL CURRICULUM GUIDE AND IS NOT APPLICABLE TO EVERY STUDENT. IT IS IMPORTANT TO MEET WITH YOUR ADVISOR.**Sample Four-Year Plan**

Year One			
<sup>1</sup> <b>BIO 120 – General Biology I (Gen Ed)</b> Prerequisite: None	4	<sup>1</sup> <b>BMS 208 – Human Anatomy</b> Prerequisite: BIO 120 or BMS 202	3
<sup>1</sup> <b>CHM 109 – Introductory Chemistry (Gen Ed)</b> Prerequisite: None	4	<sup>1</sup> <b>CHM 231 – Introductory Organic Chemistry</b> Prerequisite: CHM 109 or CHM 116	4
MTH 110 – Algebra Prerequisite: MTH 097 or GVSU placement test	4	WRT 150 – Strategies in Writing (Gen Ed) Prerequisite: None	4
MOV 101 – Foundations of Human Movement Science Prerequisite: None	3	MTH 122 – College Algebra (Gen Ed) Prerequisite: MTH 110 or GVSU placement test	3
<i>Total</i>	<i>15</i>	<i>Total</i>	<i>14</i>
Year Two			
<sup>1</sup> <b>BMS 290 + BMS 291 – Human Physiology (with lab)</b> Prerequisite: BMS 208 and two semesters of chemistry	4	<sup>1</sup> <b>MOV 304 – Introduction to Exercise Physiology</b> Prerequisite: BMS 202 or BMS 290 or BMS 251	3
STA 215 – Introductory Applied Statistics (Gen Ed) Prerequisite: MTH 110 or equivalent	3	CHM 232 – Biological Chemistry Prerequisite: CHM 231 or CHM 242 or CHM 247	4
PSY 101 – Introductory Psychology (Gen Ed) Prerequisite: None	3	BMS 105 – Basic Nutrition Prerequisite: None	3
MTH 123 – Trigonometry Prerequisite: MTH 122 or GVSU placement test	3	MOV 217 + MOV 218 – Principles of Athletic Training (with lab) Prerequisite: None	3
SOC 201 or SOC 205 or ANT 204 (Gen Ed) Prerequisite: None	3	MOV 309 – Measurement and Evaluation Prerequisite: STA 215	2
<i>Total</i>	<i>16</i>	<i>Total</i>	<i>15</i>
Spring/Summer			
PHY 220 – General Physics I Prerequisite: MTH 122 and MTH 123	5	PHY 221 – General Physics II Prerequisite: PHY 220	5
Year Three			
<sup>1</sup> <b>MOV 320 + MOV 321 – Exercise Testing and Prescription (with lab)</b> Prerequisite: MOV 304; MOV 320 and 321 are co-requisites	4	<sup>1</sup> <b>MOV 420 – Laboratory Practicum in Exercise Science</b> Prerequisite: MOV 320 and MOV 321	2
<sup>4</sup> <b>BMS 306 – Advanced Human Nutrition (or sub)</b> Prerequisites: BMS 290 or MOV 304 and CHM 232 or CHM 461	3	<sup>4</sup> <b>BMS 415 – Nutrition and Physical Performance (or sub)</b> Prerequisite: BMS 305 or BMS 306	3
MOV 300 – Kinesiology Prerequisite: BMS 202 or BMS 208 or BMS 250	3	PSY 310 – Behavior Modification Prerequisite: PSY 101 or HNR 234	3
MOV 365 – Clinical Exercise Physiology Prerequisite: BMS 290 and MOV 304	3	Gen Ed Course Prerequisite:	3
Gen Ed Course Prerequisite:	3	Theme/Issue Course Prerequisite:	3
<i>Total</i>	<i>16</i>	<i>Total</i>	<i>14</i>
Year Four			
<sup>1</sup> <b>MOV 475 – Fieldwork in Exercise Science</b> Prerequisite: STA 215 and MOV 420	2	<sup>1</sup> <b>MOV 490 – Internship in Exercise Science</b> <sup>3</sup> Prerequisite: Completion of MOV 475 and permission of instructor	6-12
MOV 470 – Exercise for Special Populations Prerequisite: MOV 320 and MOV 321	3	PSY 364 – Lifespan Developmental Psychology Prerequisite: PSY 101 or HNR 234	3
<sup>2</sup> <b>MOV 495 – Professionalism in Exercise Science (SWS)</b> Prerequisite: MOV 420 and WRT 150	3	BMS 309 – Human Anatomy Lab Prerequisite: B- or better in BMS 208 or BMS 251	1
MOV 102 – First Aid, CPR and AED Prerequisite: None	2	Gen Ed Course Prerequisite:	3
Gen Ed Course Prerequisite:	3	Gen Ed Course Prerequisite:	3
Theme/Issue Course Prerequisite:	3		
<i>Total</i>	<i>16</i>	<i>Total</i>	<i>16</i>

\*The block tuition rate is for 12-15 credits. You will pay additional tuition for any credits over 15.

**Notes:**<sup>1</sup> Courses that are bolded have to be taken in the sequence that they are displayed on this guide. (see information on back)<sup>2</sup> Students must complete two courses with an SWS attribute<sup>3</sup> MOV 490 – Internship in Exercise Science can be taken for 6, 9 or 12 credits.<sup>4</sup> Students can substitute courses for BMS 306 and BMS 415 with approval from their Exercise Science Faculty Advisor.

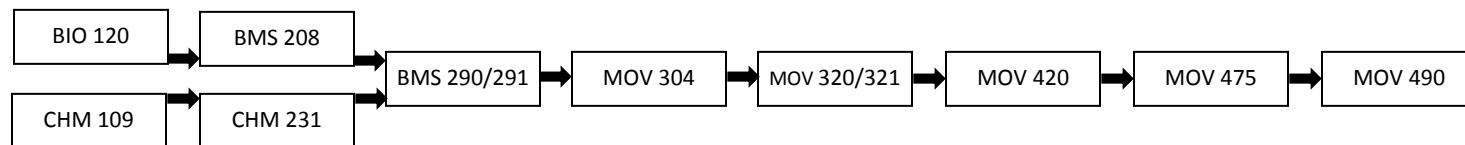
It is imperative to meet with your faculty advisor and an advisor in the CLAS Academic Advising Center regularly.

The CLAS Academic Advising Center is located in C-1-140 MAK, 616-331-8585.

Online at: <http://www.gvsu.edu/clasadvising>

**Declaring the Exercise Science Major with Clinical Exercise Science emphasis:**

1. Log into myBanner from the GVSU homepage
2. Once logged in select "Student," "Student Records," and then "Change Major"
3. Click on the "Change Major 1/Program" box
4. Click on the down arrow in the box next to "New Major 1/Program," from here scroll down and choose "Exercise Science-BS Clinical Exercise Science"
5. Click "Submit" and then click "Change to New Program"

**Prerequisite Sequences in the Major****General Education Overlap****General Education Categories fulfilled by the Major:**

Life Sciences with Lab: BIO 120*	Physical Sciences with Lab: CHM 109*
Mathematical Sciences: STA 215	Social and Behavioral Sciences: PSY 101*

Note: The GVSU PT program requires a choice of SOC 201, SOC 205 or ANT 204. Each of these courses counts in at least one Gen Ed category.

\*BIO 120, CHM 109 and PSY 101 are prerequisites to courses that are required in the major.

**GVSU Doctorate of Physical Therapy (D.P.T.)**

Prerequisite Courses...Students are responsible for completion of prerequisites & bachelor's degree before the start of the program.	School	Course title / Code	Grade
<b>BIO 120</b> General Biology I (GV prerequisites: CHM 109 or 115)			
<b>BMS 208</b> Human Anatomy (GV prerequisites: BIO 120 or BMS 202)			
<b>BMS 309</b> Human Anatomy Lab (GV prerequisite: B- or better in BMS 208)			
<b>BMS 290/291</b> Human Physiology & Lab (GV prerequisites: BMS 208 & 2 semesters of chemistry)			
<b>MOV 304</b> Physiology of Activity (GV prerequisites: BMS 202 or 251 or 290)			
<b>MTH 122 and 123 or MTH 201</b> (GV prereq. MTH 110) College Algebra and Trigonometry or Calculus			
<b>PHY 220 and PHY 221</b> Sequential Physics Courses w/ Labs (GV prerequisites: MTH 122 & 123)			
<b>PSY 101</b> Introduction to Psychology			
<b>PSY 364</b> Life Span Developmental Psychology (GV prerequisite: PSY 101)			
<b>SOC 201 or SOC 205 or ANT 204</b> Intro Sociology or Social Problems or Cultural Anthropology			
<b>STA 215</b> Introductory Applied Statistics (GV prerequisite: MTH 110)			

**Physical Therapy Application Requirements** ~ detailed information available at [www.gvsu.edu/pt](http://www.gvsu.edu/pt)

Application deadline: **October 15, 2013**

**Physical Therapy Centralized Application Service (PTCAS)** - Students MUST apply using PTCAS at [www.ptcas.org](http://www.ptcas.org)

- PTCAS online application and fees
- Official transcripts from ALL colleges and universities attended (except GVSU); **minimum 3.20 cumulative GPA required**
- Two recommendations - submit the names and email addresses of your 2 references on the PTCAS electronic application. Your recommenders complete and return the electronic form to PTCAS. A licensed physical therapist with whom you have worked / job shadowed / volunteered must complete 1 of the 2 recommendations
- Document volunteer / work / job shadow PT hours on the PTCAS application- minimum 50 hours required; 'PTCAS Verification Form' not required for GVSU
- Minimum grade of "C" required in all prerequisite coursework
- Official results from the GRE (Graduate Record Exam). Use PTCAS GRE Code 0282. Go to [www.ets.org](http://www.ets.org) for more information on registering to take the GRE.

**GVSU Admission Materials & Requirements**

- GVSU Physical Therapy Supplemental Admissions Form - the link to this form is ONLY available at the PTCAS website
- \$30 application fee unless previously paid to GVSU
- Students admitted to the GVSU DPT program must submit final transcripts demonstrating completion of all prerequisite coursework and bachelor's degree prior to the start of the program
- Students must meet all Technical Standards as indicated at the PT website

**International Applicants Only**

- Original or certified original transcripts
- Official TOEFL test score minimum 610 score
- Statement of financial support (refer to GVSU Supplemental Form)
- Official credential evaluation (e.g., WES, ECE)

**College of Health Professions ~ Physical Therapy Graduate Office**

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301 Michigan NE, Suite 247 ~ Grand Rapids, MI 49503  
Call us at 616-331-5700 or email us at [chpgrad@gvsu.edu](mailto:chpgrad@gvsu.edu)