

# Exercise Science (2010-2011)

## Clinical Exercise Science Emphasis with GVSU PT requirements

This is a **general curriculum** guide and is not applicable to every student and is not a replacement for meeting with your advisor.

-Assumes the student is beginning in MTH 110-

Fall Semester – Year One	Credits	Winter Semester- Year One	Credits
BIO 120: General Biology I ( <i>Gen Ed</i> )	4	<b>BMS 208: Human Anatomy<sup>2</sup></b>	<b>3</b>
CHM 109: Introductory Chemistry ( <i>Gen Ed</i> )	5	CHM 231: Introductory Organic Chemistry	4
MTH 110: Algebra	4	PSY 101: Introductory Psychology ( <i>Gen Ed</i> )	3
MOV 101: Foundations of Physical Ed	3	WRT 150: Strategies in Writing	4
		MTH 122: College Algebra ( <i>Gen Ed, Needed PHY 220</i> )	3
<i>Total</i>	<i>16</i>	<i>Total</i>	<i>17</i>
Fall Semester – Year Two	Credits	Winter Semester – Year Two	Credits
CHM 232: Biological Chemistry	4	BMS 105: Basic Nutrition	3
STA 215: Intro Applied Statistics ( <i>Gen Ed</i> )	3	<b>MOV 304: Physiology of Activity<sup>2</sup></b>	<b>3</b>
BMS 290: Human Physiology Lecture	3	PED 217: Principles of Athletic Training.	3
BMS 291: Human Physiology Lab	1	MOV 309: Measurement and Evaluation	2
MTH 123: Trigonometry ( <i>Needed PHY 220</i> )	3	Gen Ed.	3
Gen Ed.	3		
<i>Total</i>	<i>17</i>	<i>Total</i>	<i>15</i>
Spring Semester – Year Three		Summer Semester – Year Three	
PHY 220: General Physics I	5	PHY 221: General Physics II	5
<i>Note: PHY 220 and 221 substituted for PHY 200*</i>		<i>Note: PHY 220 and 221 substituted for PHY 200*</i>	
<i>Total</i>	<i>5</i>	<i>Total</i>	<i>5</i>
Fall Semester – Year Three	Credits	Winter Semester – Year Three	Credits
BMS 306: Advance Human Nutrition <sup>3</sup>	3	BMS 415: Nutrition and Physical Performance <sup>3</sup>	3
MOV 300: Kinesiology	3	<b>MOV 420: Lab Practicum in Movement Sci.<sup>2</sup></b>	2
<b>MOV 320: Fitness Assess. and Exercise Rx<sup>2</sup></b>	<b>3</b>	PSY 310: Behavior Modification	3
<b>MOV 321: Exercise Testing Lab</b>	<b>1</b>	MOV 102: First Aid	2
MOV 365: Clinical Exercise Physiology	3	Gen Ed/WRT 305: Writing in the Disciplines <sup>1</sup>	3
Gen Ed. or Theme	3	Gen Ed. or Theme	3
<i>Total</i>	<i>16</i>	<i>Total</i>	<i>16</i>
Fall Semester – Year Four	Credits	Winter Semester – Year Four	Credits
MOV 470: Exercise for Special Populations	3	<b>MOV 490: Internship in Movement Science</b>	<b>6-12</b>
<b>MOV 475: Fieldwork in Movement Science<sup>2</sup></b>	<b>2</b>		
MOV 495: Professionalism in Exercise Sci.	3		
Gen Ed. or Theme	3		
Gen. Ed. or Theme	3		
<i>Total</i>	<i>14</i>	<i>Total</i>	<i>6-12</i>

**Additional Courses for PT Admission:** 1) BMS 309 Laboratory In Human Anatomy; 2) PSY 364 Life Span Developmental Psychology; 3) SOC 201 Introduction to Sociology (*Gen Ed*) or SOC 280 Social Problems (*Gen Ed*) or ANT 204 Introduction to Cultural Anthropology (*Gen Ed*)

### Notes:

<sup>1</sup>Students who pass out of WRT 305 have room to take a GenEd, Theme, or elective course in this semester.

<sup>2</sup>Courses that are bolded have to be taken in sequence

<sup>3</sup>Students can substitute courses for BMS 306 and BMS 415 after consultation with their Exercise Science Advisor.

### Special Notes:

- This is a **general** curriculum guide and will not work for everyone, especially those students who have AP or CLEP credit.
- Courses that have (*Gen Ed*) written after them are classes that are required in the major and also fulfill a section of the general education program.
- Remember to fulfill your 2 SWS requirements; 1 can be taken in the gen ed program and 1 in your major.
- Some classes are in multiple sections within the gen ed. If you take a course that can be counted in two categories, you can open up 1-2 more spots for major electives.
- You must have **120 credits** to graduate from Grand Valley State University.

**It is imperative to meet with your faculty advisor or an advisor in the CLAS Academic Advising Center early in your career. The CLAS Academic Advising Center is located in C-1-140 MAK, 616-331-8585.**

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

Prepared by CLAS Academic Advising Center – 10/11/10