

Health and Exercise Science with Pre-Physical Therapy Concentration
(Department of Health and Human Performance)

Major Requirements

<u>Major Courses</u>	<u>Credits</u>	<u>Semester Completed</u>
[HEXS 101] Introduction to Health and Exercise Science	1	
[HEXS 220] Health Promotion Management	3	
[HEXS 225] Research Methods and Statistical Analysis	3	
[HEXS 360] Exercise Testing and Prescription	3	
[HEXS 412] Senior Seminar for Health and Exercise Science	3	
[HPED 170] Concepts of Conditioning	1	
[HPED 321] Kinesiology	3	
[HPED 322] Exercise Physiology	3	
[PSYC 101] Introduction to Psychology	3	
One of the following:	0-3	
[HPED 193] Lifeguarding/First Aid/CPR (2) or equivalent competency* (0-2) OR		
[HPED 195] First Aid; CPR (1) or equivalent competency* with [HPED 189] Emergency Water Safety (1) = (1-2) OR		
[HPED 195] First Aid; CPR (1) or equivalent competency* with [HPED 192] Water Safety Instructor (2) = (2-3)		
Pre-Physical Therapy Concentration		
Two of the following:	4	
[ATED 231] Injury Assessment I (2)		
[ATED 232] Injury Assessment II (2)		
[ATED 233] Injury Assessment III (2)		
[BIOL 160] Molecular and Cellular Biology	4	
[BIOL 382] Microbiology for Health Professions	4	
[BIOL 385] Physiology	4	
[BIOL 386] Human Anatomy	4	
[CHEM 105] General Chemistry I	4	
[CHEM 106] General Chemistry II	4	
[PHYS 201] Introductory Physics I	4	
[PHYS 202] Introductory Physics II	4	
One of the following:	3	
[GERO 251] Nutrition, Health, and Biology of Aging (3)		
[PSYC 310] Child Development (3)		
[PSYC 311]/[HDFS 311] Adolescent Development (3)		
One of the following:	3 or 4	
[HPED 232] Teaching Adapted Physical Education (3)		
[ATED 335] Therapeutic Exercise (4)		
[ATED 337] Therapeutic Modalities (4)		
One of the following:	3 or 4	
[MATH 108] Intuitive Calculus with Applications (3)		
[MATH 111] Calculus I (4)		

General Education Requirements on reverse side

*Competency as defined by the Red Cross

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General Education Requirements

<u>Courses</u>	<u>Credits</u>	<u>Semester Completed</u>
First Year Seminar	3	
Oral Communications	3	
Created and Called for Community	3	
Mathematical Sciences ([MATH 108] or [MATH 111])	3-4	<u>met by major</u>
Laboratory Science ([CHEM 105])	3-4	<u>met by major</u>
Science, Technology and the World ([HPED 322])	3	<u>met by major</u>
Two of the following:	6	
Social Science – [PSYC 101] (3)		<u>met by major</u>
European History (3)		
United States History (3)		
Literature	3	
Philosophy and Religion	3	
Arts	3	
Language/Cross Cultural		
First Semester of Language	3	
Second Semester of Language	3	
Third Semester of Language or Cross Cultural	3	
Non-Western Studies	2 or 3	
Bible	3	
Christian Beliefs	3	
Health and Physical Fitness (Wellness and Activity Course)	1-4	<u>met by major</u>
[HPED 170] Concepts of Conditioning (1)		
One of the following:		
[HPED 193] Lifeguarding/First Aid/CPR (2) or equivalent competency = (0-2) OR		
[HPED 195] First Aid & CPR (1) or equivalent competency with HPED 189 (1) = (1-2) OR		
[HPED 195] First Aid & CPR (1) or equivalent competency with HPED 192 (2) = (2-3)		
One of the following:	3	
Ethics (3)		
World Views (3)		
Pluralism in Contemporary Society (3)		
Writing Enriched Course		

SUMMARY OF DEGREE REQUIREMENTS:

General Education	41-42
Major Core	23-26
Concentration	45-47
Electives	8-14
Total	123

Major Requirements on reverse side