



















PRE-PHYSICAL THERAPY, EMPHASIS (KINESIOLOGY)

The Pre-Physical Therapy area of emphasis is designed for students wishing to apply for professional physical therapy programs. Adding this area of emphasis may require students to take beyond 15 hours per semester or to take summer classes in order to complete their degree program in four years.

Course Requirements

 - General Education Course

 - Milestone course: a key success marker for your major. See your advisor to discuss the importance of this course in your plan of study.


Code	Title	Credit Hours
Math Requirements for Physics: Select from the Following ¹		5-8
MTH 127  & MTH 122 	College Algebra-Expanded and Plane Trigonometry	
MTH 130  & MTH 122 	College Algebra and Plane Trigonometry	
MTH 132 	Precalculus with Sci Applica	
BSC 120 	Principles of Biology I	3
BSC 120L 	Principles of Biology I Lab	1
BSC 121 	Principles of Biology II	3
BSC 121L 	Prin of Biology II Lab	1
CHM 211 	Principles of Chemistry I ²	3
CHM 217 	Principles of Chem Lab I	2
CHM 212 	Principles Chemistry II	3
CHM 218 	Principles of Chem Lab II	2
PHY 201 	College Physics I	3
PHY 202 	General Physics I Laboratory	1
PHY 203 	College Physics II	3
PHY 204 	General Physics 2 Laboratory	1
PSY 311	Child Development	3
PSY 312	Adult Development	3
Total Credit Hours		37-40

¹ Course selection based on pre-requisites or placement exam.





² CHM 111 may be required based on pre-requisites or placement exam.

Semester Plan






 - General Education Course

 - Milestone course: a key success marker for your major. See your advisor to discuss the importance of this course in your plan of study.








First Year

First Semester		Credit Hours
HS 200 	Comp Medical Terminology (CT)	3
HS 201	Intro Appl Anat & Physiol	3
ENG 101 	Beginning Composition	3
FYS 100	First Yr Sem Critical Thinking	3
MTH 127  or MTH 130 	College Algebra-Expanded or College Algebra	3-5
UNI 100	Freshman First Class	1
Credit Hours		16-18




Second Semester

BSC 227	Human Anatomy	3
BSC 227L	Human Anatomy Lab	1
ENG 201 	Advanced Composition	3
PSY 201 	Introductory Psychology (CT)	3
MTH 122 	Plane Trigonometry	3
CHM 211  & CHM 217 	Principles of Chemistry I and Principles of Chem Lab I ¹	5
Credit Hours		18

Second Year








First Semester		Credit Hours
BSC 228 	Human Physiology	3
BSC 228L 	Human Physiology Lab	1
SFT 235 	Intro to Occup Safety (CT)	3
HS 222	Hlth Prov First Aid/CPR/AED	3
CHM 212  & CHM 218 	Principles Chemistry II and Principles of Chem Lab II ¹	5
PHY 201  & PHY 202 	College Physics I and General Physics I Laboratory ¹	4
Credit Hours		19

Second Semester

HS 365	Functional Kinesiology	3
HS 365L	Functional Kinesiology Lab	1
SFT 372	Safety & Industrial Tech	3
PSY 223 	Elem Behavioral Stat	3
DTS 210	Nutrition	3
PHY 203  & PHY 204 	College Physics II and General Physics 2 Laboratory	4
Credit Hours		17

Third Year

First Semester		Credit Hours
HS 215	Intro to Athletic Training	3
SFT Minor Restricted Elective		3
Humanities Elective		3
PSY 311	Child Development	3

BSC 120 	Principles of Biology I	4
& BSC 120L 	and Principles of Biology I Lab	
Credit Hours		16
Second Semester		
ESS 345	Exercise Physiology	3
PSY 405	Sport Psychology	3
SFT 375	Construction Safety I	3
SOC 200 	Understanding Society (CT)	3
BSC 121 	Principles of Biology II	4
& BSC 121L 	and Prin of Biology II Lab	
Credit Hours		16
Fourth Year		
First Semester		
HS 410	Organ Admin in Kines	3
ESS 442	Princ of Strength & Cond	3
ESS 443	Prin of Strength Cond Lab	1
SFT 499	Dev & Mgt of Occup Safety Prog	3
Core II Fine Arts		3
CMM 103 	Fund Speech-Communication	3
Credit Hours		16
Second Semester		
ESS 491 	Internship Exercise Science	6
HS 220	Personal Health	3
HS 369	Motor Learning	3
PSY 312	Adult Development	3
Credit Hours		15
Total Credit Hours		133-135

¹ May be taken in Summer.