










PRE-PHYSICIAN ASSISTANT, EMPHASIS (STRENGTH AND CONDITIONING)

The Pre-Physician Assistant 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
CHM 211 	Principles of Chemistry I ¹	3
CHM 217 	Principles of Chem Lab I	2
CHM 212 	Principles Chemistry II	3
CHM 218 	Principles of Chem Lab II	2
CHM 355	Organic Chemistry I	3
CHM 356	Organic Chemistry II	3
CHM 361	Intro Organic Chm Lab	3
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
Microbiology: 4-5 hours of BSC 302 and 304, OR 4 hours of BSC 250 and BSC 250L.		4-5
Total Credit Hours		31-32

¹ 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
FYS 100	First Yr Sem Critical Thinking	3
ENG 101 	Beginning Composition	3
MTH 130 	College Algebra	3
UNI 101	New Student Seminar	1
Credit Hours		13

Second Semester



BSC 227	Human Anatomy	3
BSC 227L	Human Anatomy Lab	1
HS 265 	Fund Video Analysis Mvmt (CT)	3
ENG 201 	Advanced Composition	3
PSY 201 	Introductory Psychology (CT)	3
MTH 122 	Plane Trigonometry	3
CHM 211 	Principles of Chemistry I	5
& CHM 217 	and Principles of Chem Lab I ¹	
Credit Hours		21

Second Year

First Semester


BSC 228 	Human Physiology	3
BSC 228L 	Human Physiology Lab	1
HS 365	Functional Kinesiology	3
HS 365L	Functional Kinesiology Lab	1
HS 222	Hlth Prov First Aid/CPR/AED	3
Chemistry 100 or 200 level course		4
CHM 212 	Principles Chemistry II	5
& CHM 218 	and Principles of Chem Lab II ¹	
BSC 120 	Principles of Biology I	4
& BSC 120L 	and Principles of Biology I Lab	
Credit Hours		24

Second Semester

CMM Elective		3
Physics 100 or 200 level course		4
ESS 442	Princ of Strength & Cond	3
ESS 443	Prin of Strength Cond Lab	1
Elective		3
ESS 345	Exercise Physiology	3
BSC 121 	Principles of Biology II	4
& BSC 121L 	and Prin of Biology II Lab	
Credit Hours		21

Third Year

First Semester

HS 465	Biomechanical Analy of Mvmt	3
PSY 223 	Elem Behavioral Stat	3
ESS 478	Energy Sources Body Comp	3
Humanities Elective		3
CHM 355	Organic Chemistry I ¹	3
Credit Hours		15


Second Semester

PSY 405	Sport Psychology	3
PSY 440	Physiological Psychology	3
Fine Arts Elective		3
ESS 375	Fitness Assess & Exerc Prescr	3
CHM 356	Organic Chemistry II ¹	3
CHM 361	Intro Organic Chm Lab	3
Credit Hours		18

Fourth Year

First Semester

ESS 492	Strength & Condit Clin Fld Exp	3
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HS 369	Motor Learning	3
HS 410	Organ Admin in Kines	3
DTS 210	Nutrition	3
Microbiology: 4-5 hours of BSC 302 and 304, OR 4 hours of BSC 250 and BSC 250L.		4-5
Credit Hours		16-17
Second Semester		
ESS 491 	Internship Exercise Science	6
ESS 450	Drug and Sport	3
Elective		3
Core II Social Science		3
Credit Hours		15
Total Credit Hours		143-144

¹ May be taken in Summer.