


PRE-PHYSICIAN ASSISTANT, EMPHASIS (EXERCISE SCIENCE)

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 355	Organic Chemistry I	3
CHM 356	Organic Chemistry II	3
CHM 361	Intro Organic Chm Lab	3
Microbiology: 4-5 hours of BSC 302 and 304, OR 4 hours of BSC 250 and BSC 250L.		4-5
Total Credit Hours		13-14

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
MTH 121 	Concepts and Applications (CT) (or higher)	3
FYS 100	First Yr Sem Critical Thinking	3
UNI 100	Freshman First Class	1
Credit Hours		16

Second Semester



BSC 227	Human Anatomy	3
BSC 227L	Human Anatomy Lab	1
ENG 201 	Advanced Composition	3
PSY 201 	Introductory Psychology (CT)	3
Fine Arts Elective		3
CMM 103 	Fund Speech-Communication	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
ESS 215	Intro to Exercise Science	3
HS 222	HLth Prov First Aid/CPR/AED	3
PSY 223 	Elem Behavioral Stat	3
Restricted Elective		3
CHM 212 	Principles Chemistry II	5
& CHM 218 	and Principles of Chem Lab II ¹	
Credit Hours		21

Second Semester

HS 365	Functional Kinesiology	3
HS 365L	Functional Kinesiology Lab	1
HS 410	Organ Admin in Kines	3
BSC 120 	Principles of Biology I	3
BSC 120L 	Principles of Biology I Lab	1
DTS 210	Nutrition	3
Credit Hours		14

Third Year

First Semester


ESS 345	Exercise Physiology	3
PSY 440	Physiological Psychology	3
BSC 121 	Principles of Biology II	3
BSC 121L 	Prin of Biology II Lab	1
Restricted Elective		3
Humanities Elective		3
CHM 355	Organic Chemistry I ¹	3
Credit Hours		19

Second Semester


ESS 386	Adult Fitness	3
ESS 478	Energy Sources Body Comp	3
Restricted Elective		3
CHM 356	Organic Chemistry II ¹	3
CHM 361	Intro Organic Chm Lab	3
Credit Hours		15

Fourth Year

First Semester

ESS 375	Fitness Assess & Exerc Prescr	3
ESS 442	Princ of Strength & Cond	3
ESS 443	Prin of Strength Cond Lab	1
SOC 200 	Understanding Society (CT)	3
Microbiology: 4-5 hours of BSC 302 and 304, OR 4 hours of BSC 250 and BSC 250L.		4-5
Credit Hours		14-15

Second Semester

ESS 491 	Internship Exercise Science	6
HP 240	Intro to Human Diseases in HS	3
Restricted Elective		3
Credit Hours		12
Total Credit Hours		132-133

¹ May be taken in Summer.