



Department of Kinesiology

Bachelor of Science in Kinesiology

Kinesiology Major

Concentration in Pre-Physical Therapy

B.S. Kinesiology Program Core Requirements (42-46 semester hours)

Dept/No	Course Title & Prerequisite(s)	Semester Hours	Term	
BIOL 205	Human Anatomy and Physiology I	4	F	
BIOL 206	Human Anatomy and Physiology II	4	SP	
BIOL 225	Molecules, Cells, and Organisms	4	F	
KINS	Any 300-400 Level Elective	4	F/SP	
KINS 277	Foundations of PE	2	F/SP	
KINS 380	Exercise Physiology	4	F	
KINS 478	Motor Learning and Human Performance	4	F	
KINS 486	Applied Biomechanics and Kinesiology	4	SP	
KINS 495	Internship (SR)	4	SP	
KINS 499	Capstone: Senior Seminar (SR)	4	SP	
STATS 231/232	Introductory Statistics/Intro to Psychology Stats	4	SP	
Total Semester Hours		42		

Concentration in Pre-Physical Therapy (30-31 semester hours)

Dept/No	Course Title & Prerequisite(s)	Semester Hours	Term	
BIOL 226	Genes, Evolution, Diversity, and Ecology	4	SP	
Need 8-9 credits from the following:				
CHEM 105	Chemistry of Life	4	SP	
CHEM 115	General Chemistry I with lab	4	F	
CHEM 116	General Chemistry II with lab	4	SP	
CHEM 331	Organic Chemistry I	4	F	
with CHEM 333 (lab)	Organic Chemistry Lab I	1	SP	
PHYS 125 with PHYS 135 (lab)	College Physics I	4	F	
and	College Physics Lab I	1	F	
PHYS 126 with PHYS 136 (lab)	College Physics Lab II	4	SP	
	College Physics Lab II	1	SP	
PSYC 101	Introduction to Psychology	4		
Psych 320 OR	Developmental Psychology OR	4	F/SP	
Psych 415	Abnormal Psychology	4	F/SP	
Total Semester Hours		30-31		

~ ALL students must have current First Aid and CPR certification prior to internship



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****Four Year Plan**

- All students must earn 128 credits, of which 40 must be upper division level courses. This degree does not contain 40 upper division credits. Students need to acquire at least 8 upper division credits in addition to the major requirements (these may be General Education courses).

Year	Fall	J-Term	Spring
1			
	BIOL 225 Principles of Biology I (4)	General Education Course (4)	BIOL 226 Principles of Biology II (4)
	PSYC 101 Introduction to Psychology (4)		CHEM 105 Chemistry of Life* (4)
			<i>MATH 128</i> Linear Models (4) or above
			KINS 277 Foundations of Physical Education (2)
2			
	BIOL 205 Human Anatomy & Phys I (4)		BIOL 206 Human Anatomy & Phys II (4)
	CHEM 115* General Chemistry I (4) or CHEM 331 Organic Chemistry I (4)		CHEM 116* General Chemistry II (4)
	CHEM 333* Organic Chemistry Lab* (1)		STATS 231 or 232 Introductory Statistics (4) (Prerequisite for Psych 415)
3			
	KINS 380 Exercise Physiology (4)	General Education Course (4)	KINS 486 Applied Biomechanics/Kinesiology (4)
	PSYC 320 Developmental Across the Lifespan Psychology (4) (Fall) OR →		PSYC 415 Abnormal Psychology (4) (Spring) ← OR
	KINS 300-400 Elective (4) (Fall or Spring)		
4			
	PHYS 125 Physics I (4) + PHYS 135 Physics Lab (1)	General Education Course (4)	
	KINS 478 Motor Learning (4)		KINS 499 Capstone: Senior Seminar (4)
	KINS 495 Internship (SR) (4)		PHYS 126 Physics II (4) + PHYS 136 Lab (1)

Courses in italics represent a partial list of recommended General University Requirements

- Select 2 chemistry classes (8 to 9 hours)