

KINESIOLOGY EXERCISE SCIENCE/PRE-PT, BACHELOR OF SCIENCE

Requirements

General Requirements

Code	Title	Credits
Core Curriculum		42
Required Support Courses		16
Major Courses		46
Electives		16
Total Credits		120

- 36 advanced credit hours required for degree
- 30 upper-division hours and 25% of total semester hours required for this degree must be completed at A&M-SA to satisfy residency requirement
- CIP Code: 31.0505

All students must complete the University's Core Curriculum (<https://catalog.tamusa.edu/undergraduate/academic-policies-procedures/core-curriculum/>) and the specific requirements of the major. In some cases, a course that is required for a major may also be counted towards the Core Curriculum.

Code	Title	Credits
Core Curriculum ¹		
ENGL 1301	Composition I	3
ENGL 1302	Composition II	3
MATH 1314	College Algebra	3
BIOL 2401	Anatomy & Physiology I	4
BIOL 2402	Anatomy & Physiology II	4
Language/Philosophy/Culture		3
Creative Arts		3
American History		3
American History		3
Government/Political Science		3
Government/Political Science		3
PSYC 2301	General Psychology	3
EDKN 1301	Foundations of Kinesiology	3
EDKN 1338	Fitness and Wellness	3
Subtotal:		44
Required Support Courses		
UNIV 1301	First Year Seminar	3
Fitness Activity		1
Fitness Activity		1
EDKN 1304	Personal/Community Health	3
EDKN 1306	First Aid	3
EDKN 1322	Nutrition	3
BIOL 2401	Anatomy & Physiology I (Lab Credit)	
BIOL 2402	Anatomy & Physiology II (Lab Credit)	

Subtotal:		14
Major Courses ^{2,3}		
EDKN 3315	Functional Anatomy	3
EDKN 3316	Medical Terminology	3
EDKN 3445	Msrmnt & Eval in Kinesiology	4
<i>Elective (Choose Elective Options Below)</i>		
EDKN 3332	Program Development and Management in the Fitness Industry	3
EDKN 3426	Basic Physiology of Exercise	4
EDKN 4325	Biomechanics	3
MATH 3301	Biostatistics	3
<i>Elective (Choose Elective Options Below)</i>		
EDKN 4320	Motor Dev and Motor Learning	3
EDKN 4334	Research Proj in Exerc Sci	3
EDKN 4401	Exercise Test and Prescription	4
EDKN 4344	Health and Aging	3
<i>Elective (Choose Elective Options Below)</i>		
EDKN 4324	Exercise in Chronic Disease and Disabilities	3
EDKN 4328	Internship I	3
EDKN 4417	Adv Physiology of Exercise	4
Subtotal:		46

Elective Course Options		
Select sixteen hours from the following: ⁴		16
BIOL 1306	Gen Biology I-Attr Living Sys	
BIOL 1307	Gen Biology II-Biol Organisms	
CHEM 1311	General Chemistry I	
CHEM 1312	General Chemistry II	
PHYS 1301	General Physics I	
PHYS 1302	General Physics II	
MATH 1316	Trigonometry	
ENGL 2311	Technical Writing	
CISA 1305	Business Computer Applications	
Select one of the following:		
PSYC 2314	Lifespan Growth & Development	
PSYC 3325	Abnormal Psychology	
PSYC 3304	Psychology of Learning	
Total Credits		120

- 1 Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements and are recommended in the core to expedite degree completion.
- 2 Courses are listed in suggested order of completion
- 3 'C' or higher required in EDXX courses
- 4 The following are required or recommended for admission to most physical therapy programs.

Plan of Study

This suggested plan of study is intended to be used as a guide in conjunction with official degree requirements outlined in the catalog. While this plan demonstrates a course of study that covers eight semesters, each student's academic path is unique and your timeline may look different. Students

should regularly consult with academic advisors as they plan their course schedules as course offerings may vary.

First Year		
First Semester		
UNIV 1301	First Year Seminar	3
MATH 1314	College Algebra	3
ENGL 1301	Composition I	3
HIST 1301	US History to 1865	3
	Language, Philosophy, and Culture	3
Credits		15
Second Semester		
ENGL 1302	Composition II	3
HIST 1302	US History from 1865	3
EDKN 1301	Foundations of Kinesiology	3
BIOL 2401	Anatomy & Physiology I	4
Credits		13
Third Semester		
PSYC 2301	General Psychology	3
GOVT 2305	Federal Government	3
Credits		6
Second Year		
First Semester		
BIOL 2402	Anatomy & Physiology II	4
EDKN 1338	Fitness and Wellness	3
EDKN 1322	Nutrition	3
Credits		10
Second Semester		
GOVT 2306	Texas Government	3
EDKN 1306	First Aid	3
EDKN 3315	Functional Anatomy	3
EDKN 1304	Personal/Community Health	3
	Creative Arts	3
Credits		15
Third Semester		
EDKN 3316	Medical Terminology	3
	Elective	3
Credits		6
Third Year		
First Semester		
EDKN 3332	Program Development and Management in the Fitness Industry	3
EDKN 3445	Msrmnt & Eval in Kinesiology	4
EDKN 3426	Basic Physiology of Exercise	4
	Elective	1
	Fitness Activity	1
Credits		13
Second Semester		
EDKN 4334	Research Proj in Exerc Sci	3
EDKN 4325	Biomechanics	3
SOCI 3330	Statistics for Sociology	3
	or MATH 3301 or Biostatistics	
	Elective	3

	Fitness Activity	1
Credits		13
Third Semester		
EDKN 4344	Health and Aging	3
	Elective	3
Credits		6
Fourth Year		
First Semester		
EDKN 4401	Exercise Test and Prescription	4
EDKN 4417	Adv Physiology of Exercise	4
	Elective	3
Credits		11
Second Semester		
EDKN 4320	Motor Dev and Motor Learning	3
EDKN 4324	Exercise in Chronic Disease and Disabilities	3
EDKN 4328	Internship I	3
	Elective	3
Credits		12
Total Credits		120