

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	3
BIOL 2402	Anatomy & Physiology II	3
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:		42
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
EDHL 1322	Nutrition	3
BIOL 2401	Anatomy & Physiology I (Lab Credit)	1
BIOL 2402	Anatomy & Physiology II (Lab Credit)	1

Subtotal: 16

Major Courses^{2,3}

EDKN 3315	Functional Anatomy	3
EDKN 3316	Medical Terminology	3
EDKN 3445	Msrmnt & Eval in Kinesiology	4

Elective (Choose Elective Options Below)

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

Elective (Choose Elective Options Below)

EDKN 4320	Motor Dev and Motor Learning	3
EDKN 4334	Research Proj in Exerc Sci	3
EDKN 4401	Exercise Test and Prescription	4
EDHL 4344	Health and Aging	3

Elective (Choose Elective Options Below)

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

Biology I
Biology II
General Chemistry I (science majors)
General Chemistry II (science majors)
Physics I
Physics II
Trigonometry
Computer Literacy
Technical Writing
Select one of the following:
Child Psychology
Abnormal Psychology
Lifespan Development

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		Credits
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
EDHL 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

EDHL 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