

KINESIOLOGY - BS, EXERCISE SCIENCE TRACK, APPLIED EXERCISE PHYSIOLOGY CONCENTRATION

Program Requirements

This degree plan has been laid out showing students the number of hours they must take each semester in order to complete the degree in four years without attending summer school. This is a suggested plan and does not have to be followed as laid out below. Students should use this information in conjunction with advising documents available from their advisor or the department website when scheduling courses each semester to ensure they are meeting all prerequisites, taking courses for admission to professional phase in a timely manner and meeting all grade requirements.

First Year

Fall		Semester Credit Hours
BIOL 111	Introductory Biology I ¹	4
ENGL 104 or ENGL 103	Composition and Rhetoric ¹ or Introduction to Rhetoric and Composition	3
KINE 121	Physical and Motor Fitness Assessment ^{1,2}	2
Select one of the following: ¹		3-4
MATH 140	Mathematics for Business and Social Sciences	
MATH 148	Calculus II for Biological Sciences	
MATH 152	Engineering Mathematics II	
MATH 168	Finite Mathematics	
MATH 172	Calculus II	
Language, philosophy and culture (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture) ^{3,4}		3
Semester Credit Hours		15

Spring

BIOL 112	Introductory Biology II ¹	4
CHEM 119	Fundamentals of Chemistry I ¹	4
KINE 213	Foundations of Kinesiology ¹	3
American history elective (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history) ^{3,4}		3
Professional development elective ^{1,3,5}		3
Semester Credit Hours		17

Second Year

Fall		Semester Credit Hours
CHEM 120	Fundamentals of Chemistry II ¹	4
PBSI 107	Introduction to Psychology	3
Select one of the following: ¹		3-4
MATH 142	Business Calculus	
MATH 147	Calculus I for Biological Sciences	

MATH 151	Engineering Mathematics I	
MATH 171	Calculus I	
American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history) ^{3,4}		3
Creative arts (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts) ^{3,4}		3
Semester Credit Hours		16

Spring

BIOL 319	Integrated Human Anatomy and Physiology I ^{1,2}	4
KINE 199	Required Physical Activity ^{1,2,6}	1
PHYS 201	College Physics ¹	4
POLS 207	State and Local Government	3
Professional development elective ^{1,3,5}		3
Semester Credit Hours		15

Third Year

Fall		Semester Credit Hours
BIOL 320	Integrated Human Anatomy and Physiology II ^{1,2}	4
KINE 318	Athletic Injuries ¹	3
PHYS 202	College Physics ¹	4
POLS 206	American National Government	3
Select one of the following: ¹		3
COMM 203	Public Speaking	
COMM 205	Communication for Technical Professions	
COMM 243	Argumentation and Debate	
ENGL 210	Technical and Professional Writing	
Semester Credit Hours		17

Spring

KINE 199	Required Physical Activity ^{1,2,6}	1
KINE 307	Lifespan Motor Development ¹	3
KINE 433	Physiology of Exercise ¹	3
KINE 435	Physiology of Exercise Lab ^{1,7}	1
KINE 439	Exercise Evaluation and Prescription ^{1,7}	4
Professional development elective ^{1,3,5}		3
Semester Credit Hours		15

Fourth Year

Fall		Semester Credit Hours
KINE 406	Motor Learning and Skill Performance ¹	3
KINE 426	Exercise Biomechanics ¹	4
KINE 427	Therapeutic Principles ¹	3
KINE 483	Practicum in Kinesiology ¹	3
Professional development elective ^{1,3,5}		3
Semester Credit Hours		16

Spring

KINE 484	Internship in Kinesiology ¹	9
Semester Credit Hours		9
Total Semester Credit Hours		120

¹ Must make a grade of C or better.

² Must be taken at Texas A&M University.

³ Course selection should meet the International and Cultural Diversity (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/>) (ICD) and/or Cultural Discourse (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/>) (CD) graduation requirement, if needed.

⁴ Must meet Core Curriculum requirements.

⁵ To be chosen in consultation with your academic advisor from: BICH 410, BICH 411, BICH 412; BIOL 206, BIOL 213, BIOL 351, BIOL 405, BIOL 434/NRSC 434, BIOL 454; CHEM 227, CHEM 228, CHEM 237, CHEM 238; COMM 370; GENE 301, GENE 312 or GENE 320/BIMS 320, GENE 310; HLTH 231, HLTH 335, HLTH 353, HLTH 354; KINE 285, KINE 305, KINE 340, KINE 485, KINE 491; NUTR 202 or NUTR 203, NUTR 300-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/nutr/>); PHIL 111, PHIL 251, PHIL 480; PSYC 300-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/psyc/>); PBSI 225 or PBSI 307; VTPB 409, VTPP 425; KINE 240/HLTH 240 or ISTM 209 or ISTM 210; PBSI 304 or SPMT 304; SOCI 205; STAT 302 or STAT 303.

⁶ Must take Majors Aerobic Movement and Majors Res/Flex. Participation in band or athletics cannot be used for KINE 199 credit. KINE 199 activities cannot be repeated for credit and must be taken for a grade.

⁷ Meets Core Curriculum writing requirement.