

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

		Semester Credit Hours
Fall		
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
MATH 140	Mathematics for Business and Social Sciences ^{1,3}	3
	Language, philosophy and culture (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture) ^{4,5}	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) ^{4,5}	3
	Professional development elective ^{1,4,6}	3
Semester Credit Hours		17

Second Year

		Semester Credit Hours
Fall		
CHEM 120	Fundamentals of Chemistry II ¹	4
PBSI 107	Introduction to Psychology	3
MATH 142	Business Calculus ^{1,7}	3
	American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history) ^{4,5}	3
	Creative arts (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts) ^{4,5}	3
Semester Credit Hours		16

Spring

BIOL 319	Integrated Human Anatomy and Physiology I ^{1,2}	4
KINE 199	Required Physical Activity ^{1,2,8}	1
PHYS 201	College Physics ¹	4
POLS 207	State and Local Government	3
	Professional development elective ^{1,4,6}	3
Semester Credit Hours		15

Third Year

		Semester Credit Hours
Fall		
BIOL 320	Integrated Human Anatomy and Physiology II ^{1,2}	4
KINE 318	Care of the Athlete 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 ^{1,2,8}	1
KINE 307	Lifespan Motor Development ¹	3
KINE 433	Physiology of Exercise ¹	3
KINE 435	Physiology of Exercise Lab ^{1,9}	1
KINE 439	Exercise Evaluation and Prescription ^{1,9}	4
	Professional development elective ^{1,4,6}	3
Semester Credit Hours		15

Fourth Year

		Semester Credit Hours
Fall		
KINE 406	Motor Learning and Skill Performance ¹	3
KINE 426	Exercise Biomechanics ¹	3
KINE 427	Therapeutic Principles ¹	3
KINE 428	Exercise Biomechanics Laboratory ¹	1
KINE 483	Practicum in Kinesiology ¹	3
	Professional development elective ^{1,4,6}	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 MATH 148, MATH 152, MATH 168, or MATH 172 will be accepted in lieu of MATH 140.

⁴ 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.

⁵ Must meet Core Curriculum (<http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/>) requirements.

⁶ 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 257, CHEM 258; COMM 370; GENE 301, GENE 312 or GENE 320/BIMS 320, GENE 310; HLTH 354/PHLT 354; KINE 285, KINE 216/HLTH 216, 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; PBSI 225, PBSI 300-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/pbsi/>); SPMT 304; VTPB 409, VTPP 425; HLTH 240 or ISTM 209 or ISTM 210; SOCI 205; STAT 302 or STAT 303.

⁷ MATH 147, MATH 151, or MATH 171 will be accepted in lieu of MATH 142.

⁸ 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.

⁹ Meets Core Curriculum (<http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/>) writing requirement.