

KINESIOLOGY - BS, EXERCISE SCIENCE TRACK, MOTOR BEHAVIOR 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
KINE 199	Required Physical Activity ^{1,2,3}	1
KINE 213	Foundations of Kinesiology ¹	3
Select from 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	
American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history) ^{4,5}		3
Semester Credit Hours		14
Spring		
BIOL 112	Introductory Biology II ¹	4
ENGL 103	Introduction to Rhetoric and Composition ¹	3
	or ENGL 104 or Composition and Rhetoric	
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) ^{4,5}		3
Professional development elective ^{1,6}		3
Semester Credit Hours		16

Second Year

Fall		Semester Credit Hours
CHEM 119	Fundamentals of Chemistry I ¹	4
POLS 206	American National Government	3
PBSI 107	Introduction to Psychology	3

Creative arts (<http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts>) ^{4,5} 3

Professional development elective ^{1,6} 3

Semester Credit Hours 16

Spring

CHEM 120	Fundamentals of Chemistry II ¹	4
KINE 121	Physical and Motor Fitness Assessment ^{1,3}	2
PHYS 201	College Physics ¹	4
SOCI 205	Introduction to Sociology ¹	3
Select one of the following: ¹		3
ENGL 210	Technical and Professional Writing	
COMM 203	Public Speaking	
COMM 205	Communication for Technical Professions	
COMM 243	Argumentation and Debate	

Semester Credit Hours 16

Third Year

Fall		Semester Credit Hours
BIOL 319	Integrated Human Anatomy and Physiology I ^{1,3}	4
KINE 199	Required Physical Activity ^{1,2,3}	1
KINE 307	Lifespan Motor Development ¹	3
POLS 207	State and Local Government	3
PBSI 306	Abnormal Psychology ¹	3
Semester Credit Hours		14

Spring

BIOL 320	Integrated Human Anatomy and Physiology II ^{1,3}	4
KINE 318	Athletic Injuries ¹	3
PBSI 307	Developmental Psychology ¹	3
	or PBSI 225 or Lifespan Development	
Language, philosophy and culture (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture) ^{4,5}		3
Professional development elective ^{1,6}		3
Semester Credit Hours		16

Fourth Year

Fall		Semester Credit Hours
KINE 427	Therapeutic Principles ¹	3
KINE 433	Physiology of Exercise ¹	3
KINE 435	Physiology of Exercise Lab ^{1,7}	1
PHYS 202	College Physics ¹	4
STAT 302	Statistical Methods ¹	3
	or STAT 303 or Statistical Methods	
Semester Credit Hours		14
Spring		
KINE 406	Motor Learning and Skill Performance ¹	3
KINE 407	Motor Control and Learning Lab ^{1,7}	1
KINE 426	Exercise Biomechanics ¹	4
Professional development elective ^{1,6}		3

Professional development elective ^{1,6}	3
Semester Credit Hours	14
Total Semester Credit Hours	120

¹ Must make a grade of C or better.

² Activities should be chosen in consultation with your advisor. 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.

³ Must be taken at Texas A&M University.

⁴ Course selection should meet the International and Cultural Diversity (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/>) and/or Cultural Discourse (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/>) graduation requirement, if needed.

⁵ Must meet core curriculum requirements.

⁶ To be chosen in consultation with your academic advisor. Select 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 and GENE 312 or GENE 310 or GENE 320/BIMS 320; HLTH 231, HLTH 335, HLTH 353, HLTH 354; KINE 285, KINE 305, KINE 340, KINE 485, KINE 491, NUTR 202, NUTR 300-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/nutr/>); PHIL 111, PHIL 251, PHIL 480; PSYC 300-305 (<http://catalog.tamu.edu/undergraduate/course-descriptions/psyc/>), PSYC 308-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/psyc/>); SPMT 304 or PBSI 304; VTPB 409, VTPP 425; KINE 240/HLTH 240 or ISTM 209 or ISTM 210.

⁷ Meets University writing requirement.