

This degree plan packet is meant to be a resource for current students at Texas A&M University.

If you are a prospective freshman or transfer student and would like to see if the courses listed in this packet coincide with courses you have taken or are looking to take outside of Texas A&M, please utilize one of the following resources:

Texas A&M University Transfer Course Equivalency Site

https://compass-ssb.tamu.edu/pls/PROD/bwxkwtes.P_TransEquivMain

Texas Common Course Numbering System

<https://www.tccns.org/>

**TEXAS A&M UNIVERSITY
DEPARTMENT OF HEALTH & KINESIOLOGY
B.S. DEGREE PLAN IN KINESIOLOGY – EXERCISE SCIENCE
APPLIED EXERCISE PHYSIOLOGY (AEP)**

STUDENT _____ UIN# _____
(Last) (First) (MI)

Writing Requirement **KINE 435 & KINE 439** Foreign Language (2 yrs HS or 2 semesters University) _____

International and Cultural Diversity* (6 hours) _____ e-mail _____

COURSE #	HRS	GRD	COURSE #	HRS	GRD
ENGLISH & SPEECH (6)			KINESIOLOGY (37)		
ENGL 104 – Composition & Rhetoric	3		KINE 199 Majors Resist/Flex # ^	1	
ENGL/COMM ^	3		KINE 199 Majors Aero Movement # ^	1	
MATH (6)			KINE 121 # – Phys & Motor Fitness Assess	2	
MATH 140/141	3		KINE 213 – Foundations of Kinesiology	3	
MATH 131 – Math Concepts – Calculus	3		KINE 318 – Athletic Injuries	3	
SCIENCE (32)			KINE 426 – Exercise Biomechanics	4	
BIOL 111 –Introductory Biology I	4		KINE 427 – Therapeutic Principles	3	
BIOL 112 – Introductory Biology II	4		KINE 433 – Exercise Physiology	3	
CHEM 101/111 – Fund of Chemistry I	4		KINE 435 – Physiology of Exercise Lab +	1	
CHEM 102 /112– Fund of Chemistry II	4		KINE 439 – Exerc Eval & Prescription +	4	
PHYS 201 – College Physics I	4		KINE 483 – Practicum **	3	
PHYS 202 – College Physics II	4		KINE 484 – Internship	9	
BIOL 319 # –Integ Hum Anat & Phys I	4				
BIOL 320 # –Integ Hum Anat & Phys II	4				
HISTORY (6)					
HIST*	3		PROFESSIONAL DEVELOPMENT (18)		
HIST*	3		HLTH 335 – Human Diseases	3	
POLITICAL SCIENCE (6)			STAT 302 – Statistical Methods	3	
POLS 206 – American National Govt	3		^ Prof Dev ELECTIVE	3	
POLS 207 – State and Local Govt	3		^ Prof Dev ELECTIVE	3	
SOCIAL SCIENCE (3)			^ Prof Dev ELECTIVE	3	
PSYC 107 – Intro to Psychology	3		^ Prof Dev ELECTIVE	3	
CREATIVE ARTS (3) *					
	3				
LANG, PHIL & CULTURE (3) *					
	3				

Courses outlined in **BOLD** indicate classes that **MUST** be taken before admittance to the Professional Phase (shaded area) of the program.

Courses **SHADED** indicate classes in the **PROFESSIONAL PHASE** of the program.

* Refer to core.tamu.edu. All electives **MUST** satisfy University Core Curriculum. Some electives may meet International and Cultural Diversity requirements.

^See General Rules and/or Spreadsheet for list of acceptable courses.

#These courses must be taken at Texas A&M.

+KINE 439-900 will fulfill the first University Core Curriculum Writing Requirement; Select KINE 435 section numbers starting with 900 to meet the second Writing Requirement.

Pre-internship course which **MUST be taken the last semester (including summer) before Internship (KINE 484).

STUDENT _____ DATE _____ MINIMUM HOURS REQUIRED: 120

ADVISOR _____ DATE _____ PROPOSED GRAD. DATE: _____

CHAIR, KINE _____ DATE _____

Applied Exercise Physiology Catalog 141

This guide is intended to assist students in scheduling. Update as advisor indicates.

COURSE	PREREQ	CLASS	SUBSTITUTE	MAJOR	ESSENTIAL INFORMATION!!!
ENGL 104		U1, U2	ENGL 103	EDKI	Needed to apply to Professional Phase; Must have a "B/C" combination in ENGL 104/103 & ENGL/COMM
ENGL/COMM				EDKI	Needed to apply to Professional Phase; Choose from ENGL 210 <u>OR</u> COMM 203, 205, 243
MATH 140/141			MATH 166	EDKI	Needed to apply to Professional Phase; Must make a "C" or better
MATH 131			MATH 142	EDKI	Needed to apply to Professional Phase; Must make a "C" or better
BIOL 111				EDKI	Needed to apply to Professional Phase; Must make a "C" or better
BIOL 112	BIOL 111		BIOL 107	EDKI	Must make a "C" or better
CHEM 101/111				EDKI	Needed to apply to Professional Phase; Must make a "C" or better
CHEM 102/112	CHEM 101/111			EDKI	Must make a "C" or better
PHYS 201				EDKI	Needed to apply to Professional Phase; Must make a "C" or better
PHYS 202	PHYS 201			EDKI	Must make a "C" or better
BIOL 319	BIOL 111 & 112 or 107			EDKI	Needed to apply to Professional Phase; Must make a "C" or better Must be taken at Texas A&M
BIOL 320	BIOL 319			EDKI	Needed to apply to Professional Phase; Must make a "C" or better Must be taken at Texas A&M
**HIST - 3 hrs				EDKI	See core.tamu.edu. Some courses may meet International & Cultural Diversity requirements.
**HIST - 3 hrs				EDKI	See core.tamu.edu. Some courses may meet International & Cultural Diversity requirements.
POLS 206			NONE	EDKI	
POLS 207			NONE	EDKI	
PSYC 107				EDKI	
**Creative Arts Elective				EDKI	See core.tamu.edu. Some courses may meet International & Cultural Diversity requirements.
**Language, Phil & Culture Elective				EDKI	See core.tamu.edu. Some courses may meet International & Cultural Diversity requirements.
KINE 199 Majors Resist Flex				EDKI	MUST NOT TAKE PASS/FAIL (S/U). Must be Majors Resistance Flex. Must make a "C" or better. Must be taken at Texas A&M
KINE 199 Majors Aerobic Movement				EDKI	MUST NOT TAKE PASS/FAIL (S/U). Must be Majors Aero Movement. Must make a "C" or better. Must be taken at Texas A&M
KINE 121			NONE	EDKI	Needed to apply to Professional Phase; Must make a "C" or better Must be taken at Texas A&M
KINE 213				EDKI	Needed to apply to Professional Phase; Must make a "C" or better
KINE 318		U3/U4		EDKI	Must make a "C" or better
KINE 426		U3/U4		KINE	Must be accepted to Professional Phase; Must make a "C" or better
KINE 427		U3/U4		KINE	Must be accepted to Professional Phase; Must make a "C" or better
KINE 433		U3/U4		KINE	Must be accepted to Professional Phase; Take before or concurrently with KINE 439; Must make a "C" or better
KINE 435+	KINE 433	U3/U4		KINE	Must be accepted to Professional Phase; Take concurrently with KINE 433; Must make a "C" or better
KINE 439+	KINE 433	U3/U4		KINE	Must be accepted to Professional Phase; Take immediately prior to KINE 483; Must make a "C" or better
KINE 483	KINE 439	U3/U4		KINE	Must be accepted to Professional Phase; Take immediately prior to KINE 484; Must make a "C" or better
KINE 484	KINE 483	U3/U4		KINE	Internship Semester; Completion of ALL coursework before enrollment; Must make a "C" or better
HLTH 335	BIOL 320			KINE	Must be accepted to Professional Phase; Must make a "C" or better
STAT 302	MATH 141/EQUIV		STAT 303	EDKI	Must make a "C" or better
Professional Development Electives -- 12 hours					Select from Directed Electives on General Rules Sheet; Must make a "C" or better

**Course may satisfy International & Cultural Diversity requirement. See icd.tamu.edu

+ Core Curriculum Writing Requirement.

GENERAL RULES
APPLIED EXERCISE PHYSIOLOGY (AEP)
CATALOG 141

I. REQUIREMENTS FOR ADMISSION TO THE PROFESSIONAL PHASE OF THE PROGRAM

The Professional Phase pre-requisites indicate “preparedness” for upper level coursework.

1. Complete a minimum of **45 credit hours** of degree plan coursework, 30 of which must be University Core Curriculum requirements with a minimum of 15 hours completed at Texas A&M.
2. Complete ENGL 104 and the ENGL/COMM requirement with a minimum “B/C” grade combination.
3. Complete the following **bold** courses with a grade of “C” or better:

KINE 121# MATH 131/142 BIOL 111 CHEM 101/111 PHYS 201

KINE 213 MATH 140/141 BIOL 319# BIOL 320#

#These courses must be taken at Texas A&M University.

4. Minimum GPR requirement: 2.5 overall at Texas A&M.
5. Submit Application Form, Math & Science Worksheet and a professional resume by deadline during the semester all above criteria will be met (during the semester you are enrolled in your last **BOLD** classes). *Application deadlines may change and will be posted on the MyCEHD website as well as emailed out each semester by your academic advisor.* Forms are available on the MyCEHD website (<http://mycehd.tamu.edu/students/undergraduate-forms/#hlkn>).

No handwritten or late applications will be accepted.

NOTE: Approximately 3 weeks after the deadline you will be able to check <http://myrecord.tamu.edu> to see that your status has been changed from “Kinesiology (Lower)” to “BS KINE Applied Exercise Physiology”. This will allow you to register for Professional Phase courses. You will receive official notification of your acceptance or denial into the Professional Phase of the program approximately two weeks after TAMU grades are posted for the semester.

II. PROGRESS TOWARDS DEGREE- Students must show progress towards their degree by completing a combined total of 24 credit hours on their degree plan during the fall and spring semesters. At the end of the spring semester, students who did not complete 24 credit hours on their degree plan will be placed on probation. They must complete at least 12 hours on their degree plan plus make up any additional hours not completed the year before during the next fall semester. Failure to do so will result in dismissal from the department.

III. DESIGNATED ELECTIVES FOR APPLIED EXERCISE PHYSIOLOGY OPTION

Careful selection of electives can allow you to fulfill Professional School requirements. Check with the Office of Professional School Advising for these requirements at 979-847-8938 or <http://www.opsa.tamu.edu>

BICH 410 – Comp Biochemistry I (3)

BICH 411 – Biochemistry II (3)

BIOL 206 – Introductory Microbiology (4)

BIOL 213 – Molecular Cell Biology (3)

BIOL 351 – Fundamentals of Microbiology (4)

CHEM 227/237 – Organic Chemistry I & Lab (4)

CHEM 228/238 – Organic Chemistry II & Lab (4)

HLTH 216 – First Aid (2)

#HLTH 353 – Drugs & Society (3)

HLTH 354 – Medical Terminology (3)

“*” = **Must have instructor approval**

“#” = **Must be in Professional Phase**

HLTH 240 COMP Tech in HLTH/KINE **or**
ISTM 209 BUSN INFO System Concept (3)

KINE 305 – Sport Nutrition (3)

KINE 306 – Functional Anatomy for Coaches (1)

KINE 307 – Lifespan Motor Development (3)

KINE 285 – **Learning Community Section Only** (1)

*KINE 485 – Directed Studies (VC)

*KINE 491 – Undergrad Research (VC)

NFSC 202 – Fund of Human Nutrition (3)

SPMT 304 – Psychology of Sport (3)

VTPP 425 Pharmacology (3)

Any 300-400 level NUTR or PSYC class

Please note some electives may have course restrictions that must be met in order to enroll in the class.

IV. KINE 199 REQUIREMENTS FOR AEP

All AEP students must take KINE 199 Majors Resist Flex and KINE 199 Majors Aerobic Movement only to fulfill their KINE 199 graduation requirements.

V. REQUIREMENTS FOR INTERNSHIP

1. Submit *Intent to Graduate* form (<https://mycehd.tamu.edu/academic-services/undergraduate-advising/forms>) must be submitted in the **semester when enrolled in KINE 483**. The form must be submitted no later than the end of the first week of class.
2. Minimum GPR Requirement: 2.5 Overall at Texas A&M.
3. Approval of Internship Application by Internship Coordinator during the Pre-Internship course (KINE 483).
4. Must have successfully completed all coursework prior to Internship.

VI. REQUIREMENTS FOR GRADUATION

1. Minimum GPR Requirement: 2.5 overall at Texas A&M.
2. Successfully complete of ALL degree plan courses with required grade in each.
3. Apply for Graduation the semester you are **graduating/interning**.
4. Add/Pay Diploma Fee the semester you are **graduating/interning**.
5. Transfer all applicable courses to Texas A&M.
6. A grade of “C” or better must be made in each of the following: ENGL/COMM, Math and Science foundation, and Professional Development Electives courses. This applies to those courses taken at Texas A&M and those courses taken elsewhere and transferred to Texas A&M.
7. Complete all degree plan HLTH and KINE courses with a “C” or better in each. This applies to those courses taken at Texas A&M and those courses taken elsewhere and transferred to Texas A&M.
8. More information can be found on <http://graduation.tamu.edu/>

VII. UNDERGRADUATE DEGREE PLANNER REQUIREMENT

All students entering Texas A&M University in Fall 2013 or later are required by TEC§51.9685 (formerly House Bill 3025) to complete an online undergraduate degree plan. Students are required to complete the Undergraduate Degree Planner before the start date of their second year. The Undergraduate Degree Planner is in Howdy on the My Record tab in the Undergraduate Degree Planner channel. Guides for using the Undergraduate Degree Planner are also available in Howdy.

Texas A&M University
Department of Health and Kinesiology
B.S. Degree Plan in Kinesiology – Exercise Science
Applied Exercise Physiology (AEP) Catalog 136 & <

This degree plan has been laid out showing students the number of hours they can take each semester in order to complete the degree in four years **without taking summer school**. This is a suggested plan and does not have to be followed as laid out below. Students can choose to take some courses during summer sessions to ease the academic burden in Fall/Spring semesters. Students should use this document in conjunction with the degree plan packet (<http://hlknweb.tamu.edu/degrees-and-programs/undergraduate-degree-programs/exercise-science/applied-exercise-physiology>) when scheduling courses each semester to ensure that they are meeting all prerequisites, taking courses for admission to professional phase in a timely manner and meeting all grade requirements.

Please note, if a course has a symbol next to it, please check the legend at the bottom of this page to confirm what the symbol is referring to.

1 st Semester Freshman		2 nd Semester Freshman	
BIOL 111	4	BIOL 112	4
KINE 121	2	CHEM 102 & 112	4
ENGL 104	3	KINE 213	3
CHEM 101 & 111	4	^ENGL/COMM	3
MATH 141/166	3	MATH 131/142	3
16		17	
1 st Semester Sophomore		2 nd Semester Sophomore	
HIST 105/106/226	3	HIST 105/106/226	3
%Humanities Elective/Lang, Phil & Culture & ICD	3	^Prof Dev Elective	3
PHYS 201	4	PHYS 202	4
PSYC 107	3	POLS 206	3
#BIOL 319	4	#BIOL 320	4
17		17	
1 st Semester Junior		2 nd Semester Junior	
+KINE 435	1	# KINE 199M Aero Mvmnt	1
HLTH 335	3	KINE 426	4
KINE 318	3	+KINE 439	4
KINE 433	3	^Prof Dev Elective	3
^Prof Dev Elective	3	^Prof Dev Elective	3
%Visual & Performing Arts/Creative Arts & ICD	3		15
16			
1 st Semester Senior		2 nd Semester Senior	
# KINE 199M Resist Flex	1	KINE 484	9
STAT 302	3		9
KINE 427	3		
KINE 483	3		
<u>POLS 207</u>	3		
13			
		Total	120

#Must be taken at Texas A&M.

^See General Rules and/or Curriculum Spreadsheet for acceptable list of courses.

%This plan is based on students meeting 6 hours of International and Cultural Diversity with courses that also count as Visual and Performing Arts/Creative Arts courses and Humanities/Language, Philosophy & Culture courses. See advisor for details.

+KINE 439-900 will fulfill the University Core Curriculum Writing requirement; Select KINE 435 section numbers starting with 900 to meet second writing requirement.

