

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://compassx-ssb.tamu.edu/HCA/ssb/transferCourseEquivalency#!/>

**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 Cultural Diversity (3) \_\_\_\_\_ Cultural Discourse (3) \_\_\_\_\_ Phone Number \_\_\_\_\_

COURSE #	HRS	GRD	COURSE #	HRS	GRD
ENGLISH & SPEECH (6)			KINESIOLOGY (13)		
ENGL 103 <i>or</i> 104 – Comp & Rhetoric	3		KINE 199 Majors Resist/Flex # ^	1	
ENGL 210 <i>or</i> COMM 203^	3		KINE 199 Majors Aero Movement # ^	1	
MATH (6)			<b>KINE 121# – Phys &amp; Motor Fitness Assess</b>	<b>2</b>	
MATH 140 <i>or</i> 141	3		<b>KINE 213 – Foundations of Kinesiology</b>	<b>3</b>	
MATH 142 – Business Calculus	3		KINE 307 – Lifespan Motor Development	3	
SCIENCE (32)			KINE 318 – Athletic Injuries	3	
<b>BIOL 111 –Introductory Biology I</b>	<b>4</b>		<b>PROFESSIONAL DEVELOPMENT (12)</b>		
BIOL 112 – Introductory Biology II	4		^ Prof Dev ELECTIVE	3	
<b>CHEM 119 – Fund of Chemistry I</b>	<b>4</b>		^ Prof Dev ELECTIVE	3	
CHEM 120– Fund of Chemistry II	4		^ Prof Dev ELECTIVE	3	
<b>PHYS 201 – College Physics I</b>	<b>4</b>		^ Prof Dev ELECTIVE	3	
PHYS 202 – College Physics II	4				
<b>BIOL 319 # –Integ Hum Anat &amp; Phys I</b>	<b>4</b>		<b>KINE-PROFESSIONAL PHASE-NON SEQUENCED (10)</b>		
<b>BIOL 320 # –Integ Hum Anat &amp; Phys II</b>	<b>4</b>		KINE 406 – Motor Learning & Skill Perf	3	
CITIZENSHIP (12)			KINE 426 – Exercise Biomechanics	4	
HIST*	3		KINE 427 – Therapeutic Principles	3	
HIST*	3		<b>KINE-PROFESSIONAL PHASE-SEQUENCED (20)</b>		
POLS 206 – American National Govt	3		SEQUENCE ONE~		
POLS 207 – State and Local Govt	3		KINE 433 – Exercise Physiology %	3	
SOCIAL SCIENCE (3)			KINE 435 – Physiology of Exercise Lab +	1	
PSYC 107 – Intro to Psychology	3		KINE 439 – Exerc Eval & Prescription + %	4	
CREATIVE ARTS (3) *			SEQUENCE TWO~		
	3		KINE 483 – Practicum **	3	
LANG, PHIL & CULTURE (3) *			SEQUENCE THREE~		
	3		KINE 484 – Internship	9	

**Important Information:**

**BOLD** courses indicate classes that **MUST** be taken before admittance to professional phase. **Shaded** courses indicate classes in **Professional Phase**

\*Refer to [core.tamu.edu](http://core.tamu.edu) to select courses to satisfy the University Core Curriculum. Proper selection of courses might meet ICD or CD requirements

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

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

+KINE 439 and KINE 435 will fulfill the first University Core Curriculum Writing Requirement; KINE 435 must be taken with or after KINE 433

~Professional Phase for AEP students take a minimum of three semesters to complete based on the required sequencing of courses

% KINE 439 may be taken concurrently or subsequently with KINE 433/435

\*\*Pre-internship course that **MUST** be taken the Fall, Spring, or Summer semester directly before the Internship course (KINE 484)

STUDENT \_\_\_\_\_ DATE \_\_\_\_\_ MINIMUM HOURS REQUIRED: 120

ADVISOR \_\_\_\_\_ DATE \_\_\_\_\_ PROPOSED GRAD. DATE: \_\_\_\_\_

CHAIR, KINE \_\_\_\_\_ DATE \_\_\_\_\_

## Applied Exercise Physiology Catalog 142

THIS GUIDE IS INTENDED TO ASSIST IN SCHEDULING. EVERYTHING IS SUBJECT TO CHANGE.					
COURSE	PRE-REQUISITE	CLASS	SUBSTITUTE	MIN GRADE	Detailed Information
ENGL 104		U1-U2	ENGL 103	Must have a B/C	<b>Needed to apply to Professional Phase; Must take as U1 or U2 at TAMU, otherwise you will have to transfer this course in</b>
ENGL/COMM		U1-U4			
<b>MATH 140 or 141</b>		U1-U4	MATH 148, 152, 166, 172	C	<b>Needed to apply to Professional Phase</b>
<b>MATH 142</b>	MATH 140	U1-U4	MATH 147, 151, 171	C	<b>Needed to apply to Professional Phase; Certain TAMU MPE scores can be used as the pre-req. See Math dept. for details</b>
<b>BIOL 111</b>		U1-U4	NONE	C	<b>Needed to apply to Professional Phase</b>
BIOL 112	BIOL 111	U1-U4	BIOL 107	C	
<b>CHEM 119</b>		U1-U4	NONE	C	<b>Needed to apply to Professional Phase</b>
CHEM 120	CHEM 119	U1-U4	NONE	C	
<b>PHYS 201</b>		U1-U4	NONE	C	<b>Needed to apply to Professional Phase</b>
PHYS 202	PHYS 201	U1-U4	NONE	C	
<b>BIOL 319</b>	BIOL 111 & 112 or 107	U1-U4	NONE	C	<b>Needed to apply to Professional Phase; Must be taken at Texas A&amp;M</b>
<b>BIOL 320</b>	BIOL 319	U1-U4	NONE	C	<b>Needed to apply to Professional Phase; Must be taken at Texas A&amp;M</b>
HIST - 3 hrs		U1-U4		D	See core.tamu.edu
HIST - 3 hrs		U1-U4		D	See core.tamu.edu
POLS 206		U1-U4	NONE	D	
POLS 207		U1-U4	NONE	D	
PSYC 107		U1-U4	NONE	C	
**Creative Arts Elective		U1-U4		D	See core.tamu.edu Some courses may meet International Cultural Diversity and Cultural Discourse requirements
**Language, Phil & Culture Elective		U1-U4		D	See core.tamu.edu Some courses may meet International Cultural Diversity and Cultural Discourse requirements
KINE 199 Majors Resist/Flex		U1-U4		C	Must not take Pass/Fail (S/U). Majors Resist/Flex - See General Rule's for info; Must be taken at Texas A&M
KINE 199 Majors Aerobic Movement		U1-U4		C	Must not take Pass/Fail (S/U). Majors Aerobic Movement - See General Rule's for info; Must be taken at Texas A&M
<b>KINE 121</b>		U1-U4	NONE	C	<b>Needed to apply to Professional Phase; Must be taken at Texas A&amp;M</b>
<b>KINE 213</b>		U1-U4	NONE	C	<b>Needed to apply to Professional Phase</b>
KINE 307		U3-U4	NONE	C	
KINE 318	BIOL 319	U3-U4	NONE	C	
Professional Development Electives - 12 HRS		U1-U4		C	Select from Directed Electives list on General Rules sheet; Work with OPSA to determine specific prereqs needed for admission to professional school <a href="http://careercenter.tamu.edu/Resources/Professional-School">http://careercenter.tamu.edu/Resources/Professional-School</a>
KINE 406	Admission to Pro Phase	U3-U4	NONE	C	Must be accepted to Professional Phase
KINE 426	Admission to Pro Phase	U3-U4	NONE	C	Must be accepted to Professional Phase
KINE 427	Admission to Pro Phase	U3-U4	NONE	C	Must be accepted to Professional Phase
KINE 433	Admission to Pro Phase	U3-U4	NONE	C	Must be accepted to Professional Phase; Take with or before KINE 439
KINE 435+	KINE 433	U3-U4	NONE	C	Must be accepted to Professional Phase; Must take with or after KINE 433; Writing Intensive Course
KINE 439+	KINE 433/435	U3-U4	NONE	C	Must be accepted to Professional Phase; Take during semester immediately prior to 483 (Fall, Spring, or Summer); Writing Intensive Course
KINE 483	KINE 439	U3-U4	NONE	C	Take during semester immediately prior to KINE 484 (Fall, Summer, or Spring)
KINE 484	All other coursework	U3-U4	NONE	C	Internship - Must complete all other coursework before you are enrolled in this course
+Writing Course Requirement					
** Proper selection might also meet International Cultural Diversity and Cultural Discourse requirements - see core.tamu.edu					

**GENERAL RULES**  
**APPLIED EXERCISE PHYSIOLOGY (AEP)**  
**CATALOG 142**

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

The following requirements indicate “preparedness” for upper level coursework.

1. Complete a minimum of 15 hours at Texas A&M
2. Minimum GPR requirement of 2.5 or higher at Texas A&M
3. Complete the following **bold** courses with a grade of “C” or better:  
**ENGL 103 or 104    KINE 121#    MATH 142    BIOL 111    CHEM 119    PHYS 201**  
**ENGL/COMM    KINE 213    MATH 140 or 141    BIOL 319#    BIOL 320#**
  - May be enrolled in these courses during the semester in which you apply
  - Complete ENGL 104 and ENGL/COMM with a minimum “B/C” grade combination
  - # - Courses that must be taken at Texas A&M University
4. Complete and attach a one page Professional Resume
5. Complete and attach Application Form and Math/Science Worksheet
  - Form should be typed and printed then signed. Handwritten forms are not accepted
  - Submit application the semester you are finishing your bolded courses
  - Advisor will email the deadline dates each semester

**Application Decision:** Notifications regarding your application decision will be sent out approximately three weeks after the deadline via email. This notification will include instructions for what you will need to do next, based the decision of your application.

**II. DESIGNATED ELECTIVES FOR APPLIED EXERCISE PHYSIOLOGY OPTION**

BICH 410/412 – Comp Biochemistry I and Lab (3/1)	#HLTH 335 – Human Diseases (3)
BICH 411 – Biochemistry II (3)	#HLTH 353 – Drugs & Society (3)
BIOL 206 – Introductory Microbiology (4)	HLTH 354 – Medical Terminology (3)
BIOL 213 – Molecular Cell Biology (3)	KINE 285 – <u>Learning Community Section Only</u> (1)
BIOL 351– Fundamentals of Microbiology (4)	KINE 305 – Sport Nutrition (3)
BIOL 405 – Comparative Endocrinology (3)	*KINE 485 – Directed Studies (0-4)
BIOL 434 – Reg & Behave Neuroscience (3)	*KINE 491 – Undergrad Research (0-4)
BIOL 454 – Immunology (3)	+NFSC 202 – Fundamentals of Nutrition or NFSC 203 (3)
COMM 370 – Health Communication	Any 300-499 level NFSC Course
CHEM 227/237 – Organic Chem I and Lab (3/1)	Any 300-499 level PSYC Course
CHEM 228/238 – Organic Chem II and Lab (3/1)	PHIL 111 – Contemporary Moral Issues (3)
GENE 301/312 – Comprehensive Genetics (3/1) <b>or</b>	PHIL 251 – Introduction to Philosophy (3)
GENE 320 Biomedical Genetics (3)	PHIL 480 – Medical Ethics (3)
GENE 310 – Principles of Heredity (3)	+SPMT 304 – Psychology of Sport or PSYC 304 (3)
+HLTH 240 – COMP Tech in HLTH/KINE (3) <b>or</b>	STAT 302/303 Statistical Methods (3)
ISTM 209 or 210 – BUSN INFO System Concept (3)	VTPB 409 – Introduction to Immunology (3)
HLTH 231 – Healthy Lifestyles (3)	VTPP 425 – Pharmacology (3)
<b>“#” = Must be in Professional Phase</b> <b>“*” = Must have instructor approval</b> <b>“+” = Only one course from the box may be taken</b>	<b>NOTE: SOME ELECTIVES MAY HAVE COURSE RESTRICTIONS OR PREREQUISITES THAT MUST BE MET IN ORDER TO ENROLL IN THE CLASS</b>
Careful selection of electives can allow you to fulfill Professional School requirements. Check with the Professional School Advising office for these requirements at 979-847-8938 or <a href="http://opsa.tamu.edu/">http://opsa.tamu.edu/</a>	

### III. KINE 199 REQUIREMENTS FOR AEP

AEP KINE 199 Requirements	
KINE 199 Majors Resist Flex	KINE 199 Majors Aerobic Movement

Here are the rules that apply to your KINE 199 requirement

1. **You must take both KINE 199's from the chart**
2. **You must take these courses for a grade. They cannot be taken Pass/Fail**
3. **You must take these courses at Texas A&M. These courses cannot be transferred in**
4. **You should complete required KINE 199's before taking others for fun**

### IV. PROGRESS TOWARDS DEGREE

*Student Rule 1.5.1 states, "A student is expected to register for a schedule of courses that follows the program of study for a degree in his or her college. A student who elects not to follow the program of study must obtain approval from his or her academic advisor. A student who fails to obtain approval may be held from registration, removed from the inappropriate course(s) and/or required to register for a prescribed schedule of courses"* Periodically advisors will check to make sure you are taking classes towards your degree. If you are planning on changing majors or taking prerequisites for professional school, please let your advisor know.

### V. UNDERGRADUATE DEGREE PLANNER REQUIREMENT

All students are required by TEC§51.9685 (formerly House Bill 3025) to complete an online undergraduate degree plan once every year until graduation. The Undergraduate Degree Planner and a guide are in Howdy on the My Record tab under the Undergraduate Degree Planner channel. This is not a substitute for advising and approval of your Undergraduate Degree Planner does NOT ensure you are meeting all of the requirements for graduation. The Degree Planner typically opens for submission on March 1<sup>st</sup> and is due for the Health & Kinesiology by August 1<sup>st</sup>. The Degree Planner is accessible at any time to plan future semesters.

### VI. 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.

### VII. 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 and pay diploma fee the semester you are **graduating/interning**.
4. Transfer all applicable courses to Texas A&M by the registrars deadline.
5. A grade of "C" or better must be made in each of the following: ENGL/COMM, Math and Science foundation, HLTH and KINE courses, 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.
6. More information can be found on <http://graduation.tamu.edu/>

*\*Everything in this degree plan packet is subject to change\**

