

PRE-VETERINARY MEDICINE

Course Requirements for Veterinary Medicine in Texas

A 'C' or better is required in all coursework

****Program requirements may change without notice and vary with each school; you are still responsible for checking schools' websites for admissions information. Please see your academic advisor to further explore the requirements of the school in which you are interested.****

Texas Tech University

BIOL 1710 General Biology I (3hrs)
BIOL 1760 General Biology Lab (2hrs)
BIOL 2041/2042 Microbiology (4hrs)
BIOL 3451 Genetics (3hrs)
Animal Nutrition (3hrs)

***See list of approved transfer courses*

CHEM 1410/1430 General Chemistry I (4hrs)
CHEM 1420/1440 General Chemistry II (4hrs)
CHEM 2370/3210 Organic Chemistry I (4hrs)
BIOC 3621 or 4540 (3 hours)
ENGL 1310 (3 hours)
MATH 1680 Elementary Probability
and Statistics (3hrs)
PHYS 1410/1430 General Physics I (4hrs)

Notes:

Strongly recommended that applicants take a human or animal anatomy (animal preferred) course and a physiology course or a combined anatomy/physiology course

Texas A&M University

BIOL 1710 General Biology I (3hrs)
BIOL 1760 General Biology Lab (2hrs)
BIOL 2041/2042 Microbiology (4hrs)
BIOL 3451 Genetics (3hrs)
Animal Nutrition (3hrs)

***See list of approved transfer courses*

CHEM 1410/1430 General Chemistry I (4hrs)
CHEM 1420/1440 General Chemistry II (4hrs)
CHEM 2370/3210 Organic Chemistry I (4hrs)
CHEM 2380/3220 Organic Chemistry II (4hrs)
BIOC 3621 Principles of Biochemistry (3hrs)
or BIOC 4540 Biochemistry I (3hrs)—
this requirement must be fulfilled by
lecture hours only.
MATH 1680 Elementary Probability and
Statistics (3hrs) or MATH 3680
Applied Statistics (3hrs) or
MATH 4650 Statistics
PHYS 1410/1430 General Physics I (4hrs)
*PHYS 1420/1440 General Physics II (4hrs)
ENGL 1310 College Writing I (3hrs)
*ENGL 1320 College Writing I (3hrs)
COMM 2040 Public Speaking (3hr) or
COMM 2020 Interpersonal
Communication (3hrs)

Notes:

**For EY 2026, TAMU will only require 4 hours of General Physics with Lab and One other English course.*

Genetics, Animal Nutrition and Biochemistry, required to be taken at a 4 Year University only

Org. Chemistry I, Physics, and Biochemistry must be complete or enrolled in by the application deadline

A majority of science prerequisites must be complete prior to the Fall application

Candidates are strongly encouraged that to complete anatomy and/or physiology courses

**Texas Approved Animal Nutrition Courses

ANSC 336—Abilene Christian University
ANSC 3441—Angelo State University
ANS 4324—Lubbock Christian University
ANSC 3503—Prairie View A&M University
AGR 373—Sam Houston State University
ANS 333—Stephen F. Austin State University
ANSC 4303—Sul Ross State University
ANSC 4063—Tarleton State University
ANSC 303—Texas A&M University –
College Station
ANS 308—Texas A&M—Commerce
BIOL 3300—Texas A&M University—
Corpus Christi
ANS 407—Texas A&M University—Kingsville
AG 3325—Texas State University
ANSC 3301, ANSC 3305—Texas Tech
University
ANSC 275—West Texas A&M University
BIOL 3312— UNT Dallas

**Out-of-State Animal Nutrition Courses

ANSI 3543—Oklahoma State University
Contact 405-744-6390
ASI 218—Kansas State University
Contact 800-622-2578
ANSC 221—Purdue University

Scan the QR code for more information on the
Pre-Veterinary Pathway and how to be a competitive applicant for admission



Mapping the Pre-Veterinary Medicine Journey

With the help of your pre-health advisor, use the prerequisite courses listed on the previous page to create an individual plan for your pre-veterinary ambitions. **NOTE: This is not an official plan, advising record, or degree audit. Please review the proposed course timeline with your degree plan advisor to ensure you have the correct courses to graduate.**

FALL _____	Hrs.	SPRING _____	Hrs.

SUMMER I	Hrs.	SUMMER II	Hrs.

FALL _____	Hrs.	SPRING _____	Hrs.

SUMMER I	Hrs.	SUMMER II	Hrs.

FALL _____	Hrs.	SPRING _____	Hrs.

Fall Timeline (before applying)
GRE Preparation

Spring Timeline (before applying)
TMDSAS Application opens in May
GRE Prep/Take Exam

FALL _____	Hrs.	SPRING _____	Hrs.

Spring Timeline
March—Admissions Decision
May 31—All prerequisites must be finished

Need Advising?

To contact your pre-health advisor, please visit:

<https://cos.unt.edu/advising/contact-your-advisor/health-professions-advisors>

General Email: Healthcareers@unt.edu

To schedule an appointment, please visit: <https://unt.navigate.eab.com/>

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