

# 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  
3 Hours of English*

*Genetics, Animal Nutrition, Biochemistry,  
must be taken at a 4 Year University, and  
may not be taken at a community college*

*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*

*Strongly encouraged that candidates 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

### \*\*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](mailto:Healthcareers@unt.edu)

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

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