

Texas State University – San Marcos

Department of Agriculture

Pre-Veterinary Science

The Department of Agriculture supervises the pre-veterinary science program that provides two years of specialized course work for students planning to enter veterinary school. Students must complete minimal requirements before being considered for admission into veterinary school. Students at Texas State must enroll in a 4-year degree program in order to pursue this track. Even though any major is acceptable, Animal Science and General Agriculture are two programs whose courses are closely aligned with the veterinary school requirements. Students also have access to the Pre-veterinary Society club that works with members to prepare them for acceptance into veterinary school.

Examples of Course Work

- ✓ Animal Health and Disease Control
- ✓ Biochemistry
- ✓ Genetics
- ✓ Animal Nutrition
- ✓ Food Technology: Processing Meats

Employment Opportunities

- ✓ Veterinarians
- ✓ Researchers
- ✓ Professors

Requirements

Students must complete the required courses in order to be considered for admission to the College of Veterinary Medicine at Texas A & M University. Students must also take the Graduate Record Exam (GRE) before applying for admission. The following Texas State courses are those that are required by Texas A & M (Science curriculum changes for the Fall of 2000 will affect the BIO and CHEM courses listed below, please refer to the A&M website for up-to-date information on required courses):

BIO 1430 (Functional Biology)

BIO 1431 (Organismal Biology)

BIO 2400 (Microbiology)

BIO 2450 (Genetics)

AG 3325 (Animal Nutrition)

CHEM 1341/1141 (General Chemistry I)

CHEM 1342/1142 (General Chemistry II)

CHEM 2341/2141 (Organic Chemistry)

CHEM 4375 (Biochemistry)

PHYS 1410 (General Physics I)

PHYS 1420 (General Physics II)

MATH 1329 (Math for Business and Economics I)

or MATH 2471 (Calculus I)

or MATH 3305 (Intro. to Probability and Statistics)

ENG 1310 (College Writing I)

ENG 1320 (College Writing II)

Any 3-hour course with literature in the title

COMM 1310 or COMM 2338 (Fundamentals of Speech Communication)

ENG 3303 (Technical Writing)

Advising

When students arrive in the Department of Agriculture they are assigned a faculty advisor who will help ensure that they complete the appropriate coursework to finish their degree. Students also seek the assistance of the Advising Center in the College of Applied Arts for things relating to their course registration and degree completion.

Department of Agriculture

The Department of Agriculture at Texas State offers students a quality education with personal attention. Students learn from faculty members in a variety of settings on and off campus. A modern Agriculture Building with well-equipped classrooms and laboratories in addition to our 4,200-acre Freeman Ranch and 17-acre horticulture center provide plenty of opportunities for students to learn and apply their knowledge to real world situations.

Experience it Yourself

We invite you to make a trip to the Texas State campus and experience the Department of Agriculture for yourself. We will set up a visit that will suit your interests. Students can visit with department faculty, staff and students in addition to meeting with an admissions counselor, touring campus, visiting residence halls, attending a class and touring the department. When you are ready for the Texas State experience, just contact the Departmental office at 512-245-2130 to set up your appointment.