

Agriculture

Is Agriculture for You?

Texas State's College of Applied Arts Academic Advising Center is a helpful resource if you are considering an agriculture major. Visit the center online at www.advising.appliedarts.txstate.edu.

Admission to Texas State

For more information on Texas State and how to apply for admission, visit www.txstate.edu/prospective.html or contact the Office of Undergraduate Admissions at admissions@txstate.edu or 512.245.2364.

Scholarships

The Department of Agriculture offers a number of scholarships and awards based on different criteria. For more information visit <http://ag.txstate.edu/resources/scholarships.html>.

Texas State offers many scholarships that are open to all majors. For more information on other Texas State scholarships, visit www.finaid.txstate.edu, or contact the Financial Aid and Scholarships office at finaid@txstate.edu or 512.245.2315.



TEXAS STATE
UNIVERSITY

The rising STAR of Texas

Department of Agriculture
College of Applied Arts
Texas State University-San Marcos
601 University Drive
San Marcos, TX 78666
Phone: 512.245.2130
Fax: 512.245.3320
<http://ag.txstate.edu>

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www.txstate.edu

A member of The Texas State University System

If you enjoy working outdoors and being involved with the land, a career in one of the many fields of agriculture may be for you.

The Department of Agriculture at Texas State University-San Marcos offers an undergraduate curriculum that prepares students for today's agriculture careers. Agriculture is being transformed in almost every phase of the process, and this dynamic, global industry uses new technologies to improve the production, management, manufacture and distribution of food and agricultural products.

As a Texas State agriculture student you will enjoy a unique educational experience with practical, hands-on classes combined with valuable business insight. You will be able to take classes in landscape design, animal science and farm management to build a strong foundation in agriculture. You also will have the opportunity to participate in instructor-guided laboratories, as well as group and individual projects.

Facilities and Programs

Just a short drive from the main Texas State campus, the 3,500-acre Freeman Ranch serves as an outdoor classroom. The ranch's livestock operation, which includes cattle and goats, provides animals for teaching and research programs.

Rooftop greenhouses around the Agriculture Building and laboratory facilities are available to horticulture students.

Horticulture students have developed Bobcat Blend, a composting project on campus that combines food waste and cardboard from campus dining halls, paper packaging materials and invasive plant species gathered from the San Marcos River. The project also has placed composting bins on campus, increasing student recycling at Texas State.

Bobcat Bloom, another project of horticulture students, offers floral design and greenhouse and nursery sales.



Degree Program

The Department of Agriculture offers programs reflecting the diversity of choices available and skills required in modern agriculture and its related professions.

As an agriculture major you will have a choice of four different degree tracks:

- Agriculture
- Agriculture-Teacher Certification
- Agriculture-Animal Science
- Agriculture-Business and Management

Agriculture

Agriculture majors receive broad exposure to a variety of agriculture topics. With this degree track, students may expect to manage a ranch or a farm, or work in any career that requires a general agriculture education such as county extension agents, banking or government service.

Agriculture with Teacher Certification

Emphasis is on production techniques and managerial skills that prepare agricultural scientists, educators or agricultural managers for today's complex agricultural industry. Agricultural science teachers are certified to teach in grades six through 12 in Texas public schools.

Agriculture-Animal Science

Students study all aspects of the livestock and poultry industries, including commercial production and management; food processing; and animal feed/animal health including nutrition, biotechnology and veterinary medicine. Students are involved in ongoing faculty research, preparing them for careers in research and industry as well as further education in professional or graduate schools.

Agriculture-Business and Management

This major reaches beyond the farm to encompass the activities involved in bringing food and fiber to consumers. Students may pursue three specializations with this major:

- **Agribusiness management**, which focuses on the acquisition and use of capital, the workings of the marketplace, financial institutions and the effect of government policies on agriculture.
- **Agricultural systems management**, which integrates and applies engineering technology, agricultural sciences and business.
- **Horticultural business**, which teaches management of commercial establishments and institutions that produce ornamental plants such as greenhouses, nurseries, floral shops and even plant therapy businesses.



Pre-Professional Program in Pre-Veterinary Science

The department supervises the pre-veterinary science program, which provides two years of specialized course work for students planning to enter veterinary school.

Minors

The Department of Agriculture offers four minors: agriculture, animal science, horticulture and plant and soil science.

Internships

Students are encouraged to apply for internships after their junior year. The department will assist them in securing internships in agricultural-related businesses or agencies.

Student Organizations

As a student in the Department of Agriculture, you will have countless opportunities to interact with fellow agriculture students and get to know members of the faculty. Regardless of your area of interest, you'll find an organization just for you where you'll learn more about your field and find fun and camaraderie.

These are the organizations affiliated with the Department of Agriculture:

- Agriculture Ambassadors
- Agriculture Business and Marketing Association
- Agriculture Systems Association
- Block and Bridle
- Collegiate FFA
- Delta Tau Alpha
- Hortus Colere Horticulture Club
- Livestock Judging Team
- Pre-Veterinary Society
- Pi Alpha Xi National Floriculture and Horticulture honor society

