

# Texas State University – San Marcos

## Department of Agriculture

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### Systems Management

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The Agricultural Systems Management option of the Agricultural Business and Management major integrates and applies engineering technology, agricultural sciences and business. The curriculum prepares graduates for careers in technical and engineering fields such as agricultural machinery and power systems, electrical energy systems, agricultural structures, surveying and environmental systems including water utilization and quality.

#### Examples of Course Work

- ✓ Introduction to Agricultural Engineering
- ✓ Computer Applications in Agriculture
- ✓ Agricultural Structures and Environment
- ✓ Land Surveying
- ✓ Agricultural Electrification
- ✓ Internal Combustion Engines

#### Employment Opportunities

- ✓ Research and Development Specialists
- ✓ Machinery & Equipment Sales and Service
- ✓ Service Managers
- ✓ Equipment Manufacturers
- ✓ Troubleshooters
- ✓ Production Managers

#### Career Preparation

Students in the Agricultural Systems Management program have numerous opportunities to prepare themselves for a successful career after graduation. Students can take part in an internship program that allows them to gain experience while still completing their degree here at Texas State. Internships allow students to apply their education, gain work experience and network with potential employers. Students in the Department of Agriculture at Texas State are also encouraged to actively participate in student organizations sponsored by the department and university. Participation in student activities is an excellent way to develop leadership and teamwork skills. When students are close to completing their degree, the Texas State Career Services Office and department faculty are there to provide assistance and advice for students during the job search process.

#### 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. Faculty also develop personal relationships with their students, so students often seek advice from their faculty advisor. 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.