Agricultural Education in Texas

Agricultural Education implements inquiry-based learning in the classroom and career exploration through work study and supervised agricultural experience programs. It develops leadership skills such as public speaking, teamwork, organization and civic service through the intracurricular implementation of FFA.

Students who participate in agricultural education programs graduate with the skills necessary to become productive citizens who will succeed in postsecondary education or the workforce.

Secondary Education

- 204,000 students in agriculture, food and natural resource courses
- 2,100 agriculture teachers
- 1,300 campuses offer agriculture, food and natural resource courses

Courses offered
- Principles of AFNR
- Professional Standards in Agribusiness
- Agribusiness Management and Marketing
- Mathematical Applications in AFNR (Math credit)
- Equine Sciences
- Livestock Production
- Small Animal Management
- Veterinary Medical Applications
- Advanced Animal Science (Science Credit)
- Energy and Natural Resources Technology
- Advanced Energy and Natural Resources Technology
- Oil and Gas Production I and II
- Food Technology and Safety
- Food Processing
- Wildlife, Fisheries and Ecology Management
- Forestry and Woodland Ecosystems
- Range Ecology and Management
- Floral Design (Fine Arts Credit)
- Landscape Design and Management

Courses offered
- Turfgrass Management
- Horticultural Science
- Greenhouse Operation and Management
- Advanced Plant and Soil Science (Science Credit)
- Agricultural Mechanics and Metal Technologies
- Agricultural Structures Design and Fabrication
- Agricultural Equipment Design and Fabrication
- Agricultural Power Systems
- Agricultural Laboratory and Field Systems
- Practicum in ANR
- Extended Practicum

Postsecondary & Adult

Postsecondary Agriculture Programs

- 16 four-year colleges and 30 community colleges offering postsecondary agriculture courses.

Currently, there are 16,432 agriculture or related majors in the state. 822 students enrolled in pre-service Agricultural Education certification at 11 post-secondary colleges in Texas. 181 students will do their student teaching during the 2019-20 school year in Texas.

Economic Impact of Agriculture

Texas leads the nation in cattle, cotton, hay, sheep, goats, and mohair production.

One in seven Texans work in an agriculture-related job.

Cotton, hay, sheep, goats, mohair and horses production are the Top Five commodities in Texas.

Texas has the highest number of farms and ranches in the United States.

Texas ranks #1 with the highest number of women and minority owner/operators.

For more information please visit www.tea.texas.gov/cte or www.naee.org