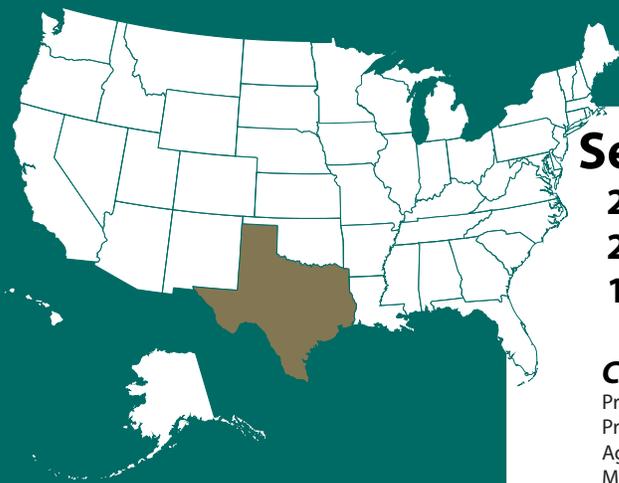


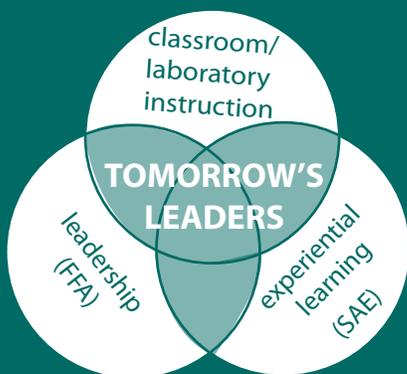
Agricultural Education

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.



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

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

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.