Agricultural Education
in Tennessee

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

33,547 students in agriculture, food and natural resource courses
347 agriculture teachers
205 high school agricultural education programs
7 middle school agricultural education programs
163 students enrolled per program on average

Courses offered

- Agriscience
- Principles of Agriculture Science
- Greenhouse Management
- Agricultural Mechanics and Maintenance
- Small Animal Care
- Landscaping and Turf Management
- Wildlife Management and Recreation
- Agricultural Power and Equipment
- Livestock Management
- Advanced Principles of Agricultural Sciences
- Forestry Management
- Principles of Horticultural Sciences
- Veterinary Sciences

- Horse Science
- Agricultural Engineering
- Leadership/Communication
- Floral Design
- Aquaculture/Hydroponics
- Plant and Soil Science
- Plant Biotechnology
- Exploring Agricultural Sciences
- Coop Method/Supervision Periods
- Agricultural Sales and Marketing
- Agricultural Business/Finances
- Animal Biotechnology
- Agricultural Economics

Postsecondary & Adult

Postsecondary Agriculture Programs

6 four-year colleges and 9 community colleges offering postsecondary agriculture courses.

Currently, there are 4403 agriculture or related majors in the state.

166 students enrolled in pre-service Agricultural Education certification at 5 post-secondary colleges in Tennessee.

Economic Impact of Agriculture

Tennessee ranks 2nd nationally in meat goat production,
4th in tobacco production and Top Five in tomatoes, snap beans and hardwood.

The Cattle industry ranks 1st among Tennessee’s agricultural industries.

Over 363,000 people in Tennessee are employed in the agriculture industry.

Agriculture makes up over $3.5 Billion in cash receipts to the state’s economy.

For more information please visit www.tn.gov/education/cte or www.naee.org