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.

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

Secondary Education

38,452 students in agriculture, food and natural resource courses
379 agriculture teachers
209 high school agricultural education programs
14 middle school agricultural education programs
183 students enrolled per program on average

Courses offered
- Advanced Food Science
- Agricultural and Biosystems Engineering
- Agricultural Leadership and Finance
- Agricultural Power and Equipment
- Agriscience
- Applied Environmental Science
- Food Science and Safety
- Greenhouse Management
- Introduction to Agricultural Sciences
- Landscaping and Turf Science
- Large Animal Science
- Natural Resource Management
- Organizational Leadership and Communications
- Plant and Soil Science
- Principles of Agribusiness
- Principles of Agricultural Mechanics
- Principles of Food Production
- Principles of Plant Science and Hydroculture
- Small Animal Science
- Supervised Agricultural Experience
- Veterinary Science

Postsecondary & Adult

Postsecondary Agriculture Programs
6 four-year colleges and 9 community colleges offering postsecondary agriculture courses.
Currently, there are 4500 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, and 2nd in tobacco production and 5th in Hay, Other production.

The cattle and calf industry ranks 1st among Tennessee’s agricultural industries.
Approximately 52 percent of Tennessee is covered in forest or close to 14 million acres.
Agriculture makes up over $74.8 Billion to the state’s economy each year.