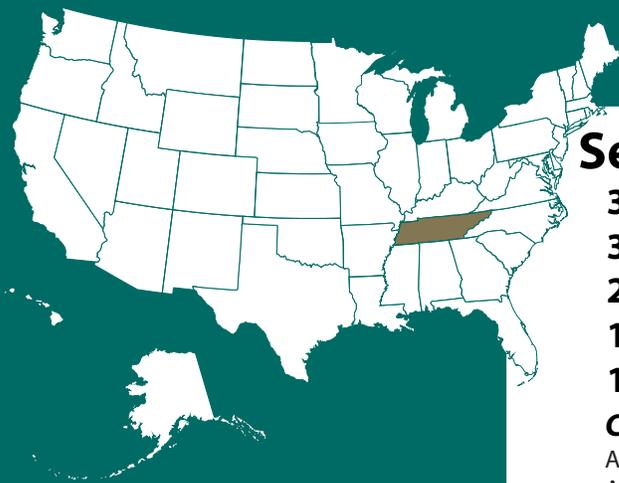


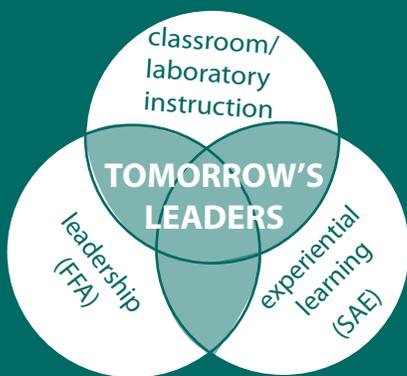
# Agricultural Education

## 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](http://www.tn.gov/education/cte) or [www.naae.org](http://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.