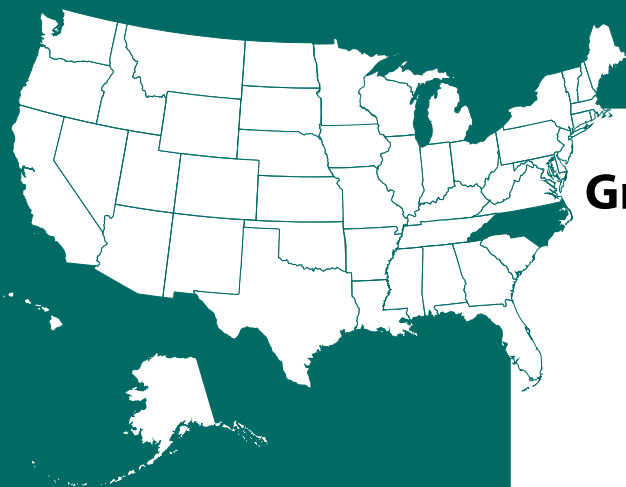


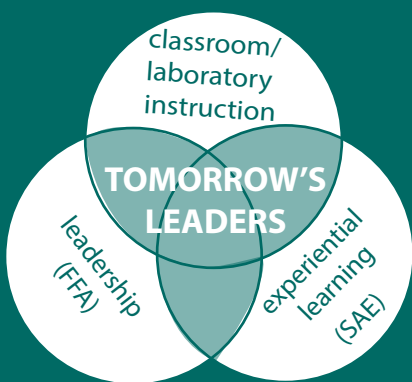
Agricultural Education

in North Carolina



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.



www.naae.org

Grades 7-12

53,813 students in Agriculture Science & Technology courses

480 agriculture teachers

256 high school agricultural education programs

63 middle school agricultural education programs

Courses offered

Agriculture Mechanics I	CTE Advanced Studies
Agriculture Mechanics II	CTE Internship
Agriculture Mechanics III	Environmental & Natural Resources I
Small Animal	Environmental & Natural Resources II
Agriculture Production I	Equine Science I
Agriculture Production II	Equine Science II
Agriscience Applications	Exploring Agriculture Science (middle grades)
Animal Science I	Exploring Biotechnology in Ag. (middle grades)
Animal Science II	Horticulture I
Animal Science III	Horticulture II
Small Animal	Horticulture II - Landscaping
Biotechnology & Ag. Research I	Horticulture II - Turf Grass Management
Biotechnology & Ag. Research II	Veterinary Assisting

Postsecondary

32 two-year postsecondary institutions offer degrees in some area of agriculture.

4 four-year postsecondary institutions offer traditional agriculture degrees.

Economic Impact of Agriculture

The North Carolina agriculture and natural resource industry has an annual economic impact of over \$77 billion.

- 1st nationally in tobacco production
- 1st nationally in poultry and eggs
- 2nd nationally in hogs and pigs
- 2nd nationally in turkeys
- 2nd nationally in cut Christmas trees