

North Carolina Career Pathway

(for academic years prior to 2009-2010)

Agriculture and Natural Resources Technologies

This pathway deals with sales and marketing of agricultural products; agricultural economics; conservation and protection of our natural resources; forests and forest machinery management; production of plants, trees, and shrubs for home and businesses; horticultural business management; crop, poultry, and livestock production and management; animal health care; and providers of supplies and services for all mentioned areas.

Select from the Agriculture and Natural Resources Technologies classes listed below. A student must pass four related vocational classes in a pathway. One of these four courses must be an upper level starred course*.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I	English II	English III	English IV
Math*	Math*	Math*	Math*
Science	Science	Science	Elective
Social Studies	Social Studies	Social Studies	Elective
Health and PE	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective

*Math Suggestions for the three Courses of Study listed below

Career Prep	College Tech Prep	College/University Prep
<p>3 credits Including Algebra I (This requirement can be met with Integrated Math I and II when accompanied with the Algebra I EOC)</p>	<p>3 credits Algebra I, Geometry, Algebra II, OR Algebra I, Technical Math I and II, OR Integrated Math I, II, III</p>	<p>4 credits Algebra I, Geometry, Algebra II, AND higher level math course with Algebra II as prerequisite OR Integrated Math I, II, III and a credit above Integrated Math III</p>

Community College Majors

Agronomy, Agriculture Technology, Agriculture Production, Agriculture Science, Agriculture Management, Agribusiness Technology, Fish and Wildlife Management Technology, Floriculture Technology, Floral Design, Forrest Management Technology, Greenhouse and Grounds Maintenance, Horticulture Technology Management, Livestock & Poultry, Poultry Management, Swine Management, Lumber Specialist, Marine Technology, Meat Processing, Park Ranger Technology, Saw Filer, Sawyer, Turf grass Management Technology, Wood Products Technology, Biotechnology-Food Science, Biotechnology Environmental Science Technology, Landscape Architecture Technology, Golf Course Grounds Management Technology

College/University Majors

Agronomy, Agriculture and Extension Education, Agriculture Communications, Agriculture Science, Botany, Food Science, Poultry Science, Agriculture Environment Technology, Equine Science, Soil Science, Agribusiness Management, Applied Sociology, Natural Resources and Wildlife Sciences, Forestry, Horticultural Science, Microbiology, Veterinary Medicine, Animal Science, Environmental Sciences Zoology, Biological Sciences

Electives

Not all classes listed here will be available at each high school.

6235 Sml Business/Entrep BE
6411 Computer Applicats I
6512 Keyboarding (H.S.)
6615 Small Bus/Entrshp ME
6810 Agriscience Applicats
6811 Agr Prod & Mngmnt I
6812 Agr Prod & Mngmnt II*
6821 Animal Science I
6822 Animal Science II*
6841 Horticulture I
6842 Horticulture II*

6851 Env & Ntrl Res Std I
6852 Env & Ntrl Res Std II*
6861 Agr Work Develop I
6862 Agr Work Develop II*
6872 Biotech and Agri Research*
6882 Landscape Const and Maint*
6896 Agr Apprentshp Method*
6897 Agr Co-Op Method
6899 Agr Advanced Studies*