

Welcome to Agriculture!



What do we offer? In Horticulture or Plant Science, students get to work in our Greenhouse, growing, selling and caring for plants. Some of the food we grow feeds our class pets.

"Horticulture Science prepares students for future careers in the management of greenhouse operations, horticulture production, landscape design and maintenance, and turf management. Content covered in this program of study includes principles of plant health, growth, reproduction, and biotechnology, principles of hydroponics and aquaponics, greenhouse structures, growing media, site analysis and planning, principles of design, and plant selection and care techniques."*

After successfully completing the four core courses, students are eligible to take an exam to obtain college credit in Animal Sciences and job ready certificates in various Tennessee animal-related agricultural industries.

Classes include:

- Agriscience (1 elective science credit)
- Plants and Hydroculture
- Greenhouse Management
- Landscape and Turf Management (also earns fine arts credit)
- Supervised Agricultural Experience



What do we offer? Knox County's first Animal Science Pre-Veterinary Pathway!

"Veterinary and Animal Science is designed for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. In this program of study, course content covers such topics and skills as principles of health and disease, basic animal care and nursing, clinical and laboratory procedures, and the anatomical/physiological systems of a range of small and large animals. Upon completion of this program of study, students will be prepared to pursue further study in the veterinary and animal sciences at the postsecondary level."*

After successfully completing the four core courses, students are eligible to take an exam to obtain college credit in Animal Sciences and job ready certificates in various Tennessee animal-related agricultural industries.

Classes include:

- Agriscience (1 elective science credit)
- Small Animal Science
- Large Animal Science
- Veterinary Science
- Supervised Agriculture Experience



Agriscience is the prerequisite for upper level animal and plant classes.

SIGN UP NOW!

Students are automatically enrolled in FFA and eligible to participate in competitions and awesome leadership activities!

*Tennessee Department of Education; Career & Technical Education; Agriculture, Food & Natural Resources