

Agriculture Science Electives



Introduction to Agriculture

What is Agriculture?
How does it apply to your life?
Take this class to learn the basics of agricultural sciences in the domains of animal, plant, soil, and natural resource sciences. Gain hands-on experiences and learn of the various industries and career paths within the Agriculture Industry.

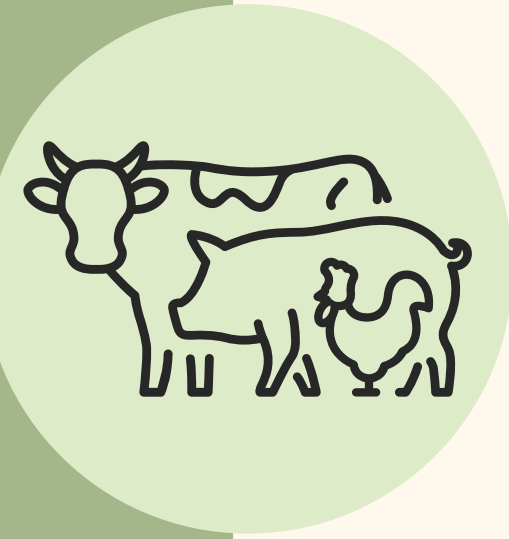
1 Semester



Agriculture 1

Students will participate in hands-on learning experiences including performing basic principles of plant and animal care as well as learn about animal identification, animal industries, feeds & nutrition, and general animal care for livestock. Students will also have the opportunity to participate in our school greenhouse & learn about plant anatomy and physiology.

1 Semester



Agriculture 2

This is an intermediate course for students exploring careers in animal & plant science, veterinary science and/or the forest industries. Students will apply the biology of plant cells to the genetic makeup of animals and correlate how we turn renewable resources into food for our world. Students will apply hands-on learning from their labs to real world application in our greenhouse and animal facilities.

Full-Year



Forestry

College Credit TBD

Study the fundamentals of our natural resources, including forestry, soils, and water. Cover current forest management practices and associated factors. Discover basic biological principles of forestry nursery production that includes interaction with local professional bases. Students will explore forest management techniques including forest herbaceous tree and plant identification, understanding basic forestry tools and their proper uses. Students will also explore basic land and topography map reading skills as well as gain an understanding of wildlife forest fire behavior.

Full-Year



Veterinary Science

Learn all about the ins and outs of working in a veterinary hospital. Students will be proficient in animal behavior and handling, common hospital laboratory and hospital procedures, and clinical examinations for companion animals and livestock animals. Students will be expected to administer vaccinations, simple livestock surgical procedures and all safety and sanitation practices. Learn about surgical and basic animal care, health, and medical terminology.

Full-Year

