

AGRICULTURE ACADEMY OVERVIEW



Agriculture Instructor: Mr. Jonathan Anderson

Agriculture Academy Overview: The Agriculture Academy consists of two pathways: Plant Pathway and Animal Pathway. Both pathways prepare students for successful careers and a lifetime of informed choices in the global agriculture, food, and natural resource systems. Students will explore the diverse world of agriculture and how it relates to our local, state, national and world economy. Students in the plant pathway will gain knowledge in plant physiology and soil properties and landscaping techniques. In the animal pathway students will learn about animal anatomy and physiology, nutrition, health, genetics and veterinary science.

Possible Careers: Veterinarian, Livestock Producer, Animal Scientist, Embryo Technologist, Livestock Buyer, Animal Nutritionist, Livestock Geneticist, USDA Inspector, Meat Science Researcher, Feedlot Specialist, Plant Breeder, Soil & Water Specialist, Plant Pathologist, Botanist, Forest Geneticists, Crop Farm Managers, Agronomist

RECOMMENDED COURSE SEQUENCES

Plant Pathway

Freshman	Intro to Agriculture	(required Intro course for academy)
Sophomore	Agriculture Biology	(required core course for academy)
Junior	Plant and Soil Science	(required intermediate course for academy)
Senior	Nursery and Landscaping	(required capstone course for academy)

Animal Pathway

Freshman	Intro to Agriculture	(required Intro course for academy)
Sophomore	Agriculture Biology	(required core course for academy)
Junior	Animal Science I	(required intermediate course for academy)
Senior	* Animal Science II	(required capstone course for academy)

* Dual Credit Courses (Northeast Community College)

Career Student Organization:



Agriculture Academy Partners:

- Northeast Community College
- Dinkel Implement
- Farmer's Pride Coop
- Mitten Brand Cattle
- Monsanto
- Tractor Supply Company