









>> Course Overview

This course will prepare students for careers in agriscience. Agriculture is the world's largest industry, so the critical nature of understanding how agriculture must thrive in unpredictable conditions cannot be overstated. Throughout the modules, students will gain an understanding of some of the fundamental issues in agriscience, including safety, environmental factors such as climate change and extreme-weather conditions, plant and animal science, and food safety. Additionally, students will explore how they can emerge as leaders in such a complex and exciting industry!

>> Course Outline by Module

Module 1	Introduction to Agriculture in the Global Economy
Module 2	Safety, Scientific, and Technological Principles of Agriscience Issues
Module 3	Environmental Principles in the Agricultural Industry
Module 4	Scientific Skills in Plant Science
Module 5	Scientific Skills in Animal Science
Module 6	Agriscience Tools, Equipment, and Instruments
Module 7	Leadership and Citizenship Skills
Module 8	Food Safety and Handling Procedures

>> Course Elements

 Video Instruction	 Reflections
 Interactives	 Concept Checks
 Reading	 Quizzes and Exams
 Projects	 Written Assignments



>> Instructional Components

Pointful Education Courses are structured in a consistent, research-based format utilizing multiple pedagogical concepts such as Understanding by Design, Growth Mindset, and Video and Project-based learning. Through the use of these pedagogical concepts, Pointful Education maintains a consistent and engaging course structure that supports student-centered learning.

>> Course Materials

None Required.