









### >> Course Overview

In this course, students will explore the various components of agriscience careers and agricultural living. Beginning with career exploration, students will become familiar with the vast array of opportunities that exist in agriscience. They will discover what is necessary for the proper care and management of livestock from keeping living quarters clean to caring for newborn animals. Students will understand the ways in which plants, crops, and vegetation thrive in varying conditions. They will explore the fundamentals of running a successful agriscience operation as well as how agriscience affects and is affected by global economic conditions.

### >> Course Outline by Module

<b>Module 1</b>	The Agriscience Industry, Health, and Nutrition
<b>Module 2</b>	Livestock Reproduction
<b>Module 3</b>	Livestock Management
<b>Module 4</b>	Plant Production Systems Part I
<b>Module 5</b>	Plant Production Systems Part II
<b>Module 6</b>	Agribusiness
<b>Module 7</b>	Global Economy Part I
<b>Module 8</b>	Global Economy Part II

### >> Course Elements

-  Video Instruction
-  Interactives
-  Reading
-  Projects
-  Reflections
-  Concept Checks
-  Quizzes and Exams
-  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.