









### >> Course Overview

This course further delves into agriscience as a core global business. Students will explore fundamental business operations and structures as well as financial considerations. Students will understand the nutritional needs of livestock in order for them to be free from disease and be able to thrive in good health. Plants are heavily dependent on proper fertilization, irrigation, and nutrition to prosper. Thus, students will take a comprehensive look at the systems necessary to produce bountiful crops. The course will be rounded out learning about the tools and techniques needed to run an agriscience business and harvest crops.

### >> Course Outline by Module

<b>Module 1</b>	The Agriscience Industry
<b>Module 2</b>	Agriculture Cooperatives and Agribusiness Finance
<b>Module 3</b>	Animal Health and Nutrition
<b>Module 4</b>	Plant Production Services
<b>Module 5</b>	Plant and Crop Fertilization and Irrigation
<b>Module 6</b>	Plant Pest Control
<b>Module 7</b>	Maintenance of Facilities, Tools, and Equipment
<b>Module 8</b>	Harvesting

### >> 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.