

Agriculture, Food and Natural Resources Cluster

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL COURSES
9 TH GRADE	English 9	Algebra I	Physical Science	World History to the Present	<ul style="list-style-type: none"> • Physical Education -1 • Health – ½ • Fine Arts – ½ • Computer Application – ½ • Foreign Language I • Foreign Language II 	<ul style="list-style-type: none"> • Agriscience • Plant Biotechnology • Greenhouse Production and Management • Creative Floral Design • Horticultural Science • Sports Turfgrass Production and Management • Specialty Floral Design and Management • Floral Design and Interiorscaping • Landscape Design and Management • Residential Landscape Establishment and Maintenance • Nursery Production and Management • Introduction to Drafting Design
10 TH GRADE	English 10	Geometry	Biology	United States History to 1877		
11 TH GRADE	English 11	Algebra II with Trig	Chemistry	United States History from 1877 to the Present		
12 TH GRADE	English 12	Pre-Calculus or Calculus or Statistics	Physics or Botany	Economics/ United States Government		
COMMUNITY COLLEGE	<ul style="list-style-type: none"> • Cluster/Degree/Certification Course Work 		<ul style="list-style-type: none"> • Cluster/Degree/Certification Course Work 		<ul style="list-style-type: none"> • Cluster/Degree/Certification Course Work 	
	<ul style="list-style-type: none"> • Degree completion requirements 		<ul style="list-style-type: none"> • Degree completion requirements 		<ul style="list-style-type: none"> • Degree completion requirements 	
HIGHER EDUCATION	<ul style="list-style-type: none"> • Degree completion requirements 		<ul style="list-style-type: none"> • Degree completion requirements 		<ul style="list-style-type: none"> • Degree completion requirements 	

Plant Systems Pathway Sample Education Plan