



## Agriculture, Food, and Natural Resources Career Pathway Program of Study

**The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products / resources.**



<b>Careers</b>	<b><u>Certification/Associates Degree:</u></b>			
	Animal Control Officer	Environmental Technician	Genetic Technologist	Quality Food Control Specialist
	Arborist	Farrier	Golf Course Manager	Recycling Technician
	Bio-tech Lab Technician	Feed Sales Representative	Greenhouse Manager	Veterinary Technician
	Botanist	Fish and Game Officer	Landscape Designer	
	Crop &/or Livestock Farmer	Forestry Technician	Poultry Farm Supervisor	
	<b><u>Bachelors or Higher Degree:</u></b>			
	Agricultural & Food Scientist	Conservation Scientists & Foresters	Geneticist	Plant Pathologist
	Agricultural Commodities Broker	Ecologist	Greenhouse Operator	Soil Geologist
	Agricultural Educator	Entomologist	Health & Safety Sanitarian	Toxicologist
	Agricultural Engineer	Env. Compliance-Assurance	Horticulturist	USDA Inspector
	Animal Husbandry	Environmental Engineer	Livestock Geneticist	Veterinarian
	Aquaculturalist	Fish and Game Warden	Livestock Management	Wildlife Biologist
	Biochemist	Forester	Marine Biologist	Zoologist

<b>High School Courses</b>	9th Grade	10th Grade	11th Grade	12th Grade
	English	English	English	English
	Math	Math	Math	Math
	Science	Science	Science	Physics/ Ap Physics
	Social Science	Social Science	Economics/ AP Economics	AP Psychology
	Physical Education	Physical Education/ Health Con. Education/ Com. Arts	Physical Education	Physical Education
<b>Recommended Pathway Courses</b>				
Introduction to Business Biology, Chemistry, Environmental Science			Marketing	

<b>School Activities</b>	<b>Career Enhancement Tools / Work-based Learning</b>			
	Naviance		Volunteer at The Talking Farm (Edible Acre Projects)	
	Career Cruising		<a href="http://mycaert.com">mycaert.com</a> (Careers in Agriculture, Plant & Animal Science, etc.)	
	Internships, Job Shadowing			
	Check out careers at <b>Inspire Your Future</b> . Log-in with your Career Cruising info.			

<b>Pathways</b>	Animal Systems	Natural Resource Systems
	Agribusiness Systems	Plant Systems
	Environmental Service Systems	Power Structural & Technical Systems
	Food Products & Processing Systems	

<b>College &amp; University Majors</b>	<b>College &amp; University Majors</b>	
	Agricultural and Domestic Animal Services	Agrology
	Agricultural Animal Breeding	Biotechnology
	Agricultural Education Services	Dairy Husbandry Science
	Agricultural Education Services	Equine Studies
	Agricultural Sciences	Horticulture Science
	Animal/Livestock Husbandry Science	Veterinary Science
	Agricultural Communication/Journalism	

<b>Oakton Community College Programs</b>	<b>Certificates</b>	<b>Degrees</b>	<b>Dual Credit</b>	<b>Four-Year Universities Transfer Programs</b>
	<b><u>Horticulture Therapy</u></b>			
	Horticulture Therapy (12 cr)			

**For comprehensive programs in the area of Agriculture, Food, and Natural Resources contact:**

**[University of Illinois College of Agricultural, Consumer and Environmental Sciences \(ACES\)](#)**

**[Illinois State University Department of Agriculture](#)**