



**Program of Study**  
**Career Field: Environmental and Agricultural Systems**  
**Career Cluster: Agriculture, Food, and Natural Resources**  
**Career Pathway: Plant Systems**



**Southeast Community College**

DEGREE:  
Crop Focus

<http://www.southeast.edu/programs/Ag/default.aspx>

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES			
<b>HIGH SCHOOL</b>	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages & Cultures Physical Education Health Education Information Technology Applications I Entrepreneurship Animal Science Agribusiness	Intro to Environmental and Ag Sciences Plant Science  <i>Plus two from the following:</i> Advanced Plant Science Floriculture Horticulture Landscape and Nursery Management Biotechnology in Plant Science Turf Management	<i>School Activities:</i> FFA  <i>Community Activities:</i> 4-H, Grow your own garden, Recycle, Tour an agribusiness, Work on a farm during the summer, Join professional organizations in this career cluster, Part-time employment available within this career cluster, Internships available within this career cluster			
	10	English/Language Arts II	Geometry	Biology	World History						
	11	English/Language Arts III	Algebra II	Chemistry	American History						
	12	English/Language Arts IV	Intro to Statistics Discrete Math Pre-Calc	Physics or other science course	American Government or Economics						
<b>SOUTHEAST COMMUNITY COLLEGE</b>		<b>COMMUNICATIONS</b>	<b>MATH/SCIENCE</b>	<b>SOCIAL SCI/HUMANITIES</b>	<b>COMPUTER TECHNOLOGY</b>	<b>CORE COURSES</b>		<b>FOCUS COURSES</b>			
	13 and 14	Public Speaking	Business Mathematics	Personal Finance	Microsoft Applications	Agribusiness Careers	Agribusiness Management	Basic Fertilizer Management	Livestock Management & Selection	Soils & Plant Nutrition	Agricultural Marketing
		Written Communications	Thinking Mathematically	Intro to Psychology	Computer Literacy	Crop & Food Science	Agribusiness Intern Seminar I & II	Farm & Ranch Management	Ag Chemicals and Equip Application	Harvesting Equipment	Planting and Tillage Equipment
			General Biology			Ag Technology	Agribusiness Cooperative Internship	Irrigation and Water Management	Advanced Marketing	Advanced Ag Technology	Ag Machinery Maintenance
			Basic Nutrition			Enterprise Analysis	Ag Business Sales	Grain Management			