



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



Southeast Community College

DEGREE:
Livestock 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			
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages & Cultures Physical Education Health Education Information Technology Applications I Entrepreneurship Horticulture Food Science Agribusiness	Intro to Environmental and Ag Sciences Animal Science Plus two from the following: Advanced Animal Science Companion Animals Equine Science Veterinary Science Biotechnology in Animal Science	<i>School Activities:</i> FFA, HOSA <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						
SOUTHEAST COMMUNITY COLLEGE		COMMUNICATIONS	MATH/SCIENCE	SOCIAL SCI/HUMANITIES	COMPUTER TECHNOLOGY	CORE COURSES		FOCUS COURSES			
	13 and 14	Public Speaking	Business Mathematics	Personal Finance	Microsoft Applications	Agribusiness Careers	Agribusiness Management	Livestock Management & Selection	Agricultural Marketing	Livestock Nutrition	Live Animal Selection & Carcass Eval
		Written Communications	Thinking Mathematically	Intro to Psychology	Computer Literacy	Crop & Food Science	Agribusiness Intern Seminar I & II	Principles of Livestock Feeding	Animal Breeding	Animal Health	Basic Fertilizer Management
			General Biology			Ag Technology	Agribusiness Cooperative Internship	Agriculture Analysis	Harvesting Equipment	Grain Management	Advanced Beef Production
			Basic Nutrition			Enterprise Analysis	Ag Business Sales	Intro to Equine Management	Advanced Swine		