

Agriculture, Modern Food Production and the Environment: AAS

SCC's Agriculture, Modern Food Production, and the Environment program provides students with the opportunity to prepare for a lifetime of learning through classroom and internship positions limited only by students' initiative and imagination. This program prepares students to serve the food production and processing industries through operation of feed mills, fertilizer plants, elevators, retail farm supply stores, and farm equipment dealers. The program is also designed to provide improved skills in the areas of crop and livestock production, agriculture equipment, and farm business management.

Students may choose to pursue the Pathway most relevant to their desired career. Pathways include Agriculture Business, Agronomy, Animal Science, Online, or Specialty Crop.

In Spring I semester students must take at least 9 credit hours from the elective grouping AGA-376, AGB-331, AGC-420, AGS-225, and AGS-226.

In Fall II semester, students must take at least 6 credit hours from the elective grouping AGA-158, AGA-211, AGB-437, DRF-113, AGN-130, AGB-466, AGC-936, AGS-270, AGS-319, AGT-250, AGS-331, and AGH-112.

In Spring II semester, students must take eight to nine credit hours from each of the two elective groups.

The Modern Food Production certificate is awarded after successful completion of first semester courses.

The Agriculture, Modern Food Production, and The Environment Diploma is awarded after successful completion of the first two semesters.

Where will this take me?

Animal Handler
Agricultural Crop Worker
Farm Business Management
Horticultural Worker
Soil and Water Conservationist
Nursery or Greenhouse Manager
Farm Product Buyer or Purchasing Agent

Instructor and Staff

Sabrina Pidgeon
Assistant Professor

Southeastern Community College values diversity in all its forms. Please visit <https://www.scciowa.edu/non-discrimination-statement.aspx> to view our non-discrimination statement.

For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit SCC's financial aid website at <http://www.scciowa.edu/admissions/costaid/finaid/gainemp.aspx>

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Program Requirements

Fall Semester	Credit	Fall Semester II	Credit
AGB-336 AGRICULTURAL SELLING	3	MAT-702 INTRODUCTION TO MATH APPLICATIONS	3
AGC-216 CAREER SEMINAR	2	CHM-165 GENERAL CHEMISTRY I	4
AGB-330 FARM BUSINESS MANAGEMENT	3	Semester Total.....	12-13
Take 1 of 2 courses:		Spring Semester II	Credit
AGA-181 INTRODUCTION TO CROP SCIENCE	3	Take 8 credits from these courses:	
AGH-221 PRINCIPLES OF HORTICULTURE	3	AGB-210 AGRICULTURE LAW	2
Take 1 of 2 courses:		AGH-260 FRUITS AND VEGETABLES	3
AGB-235 INTRODUCTION TO AGRICULTURE MARKETS	3	AGM-155 FARM EQUIPMENT MANAGEMENT	2
BUS-102 INTRODUCTION TO BUSINESS	3	AGM-203 AGRICULTURAL WELDING	2
Take 1 of 2 courses:		AGP-333 PRECISION FARMING SYSTEMS	3
AGH-131 GREENHOUSE MANAGEMENT (ONLINE)	3	AGN-244 WILDLIFE MANAGEMENT	3
AGS-113 SURVEY OF THE ANIMAL INDUSTRY	3	AGS-216 EQUINE SCIENCE	3
Semester Total.....	17	AGS-242 ANIMAL HEALTH (online)	3
Spring Semester I	Credit	ELE-130 HOME AND FARM ELECTRICITY	2
AGA-182 INTRODUCTION TO SOIL SCIENCE	3	PHS-165 INTRODUCTION TO METEOROLOGY	3
Take at least 9 credit hours from these courses:		Take 3 of these courses.:	
AGA-376 INTEGRATED PEST MANAGEMENT	3	ECN-130 PRINCIPLES OF MICROECONOMICS	3
AGB-331 ENTREPRENEURSHIP IN AGRICULTURE (online)	3	HUM-287 LEADERSHIP DEVELOPMENT STUDIES	3
AGC-420 ISSUES IN AGRICULTURE	3	PSY-102 HUMAN AND WORK RELATIONS	3
AGS-225 SWINE SCIENCE	3	PSY-111 INTRODUCTION TO PSYCHOLOGY	3
AGS-226 BEEF CATTLE SCIENCE	3	SOC-114 CONFLICT RESOLUTION IN THE WORKPLACE	3
Take at least 3 credit hours from these courses:		SOC-115 SOCIAL PROBLEMS	3
ENG-105 COMPOSITION I	3	Semester Total.....	17
ENG-110 WRITING FOR THE WORKPLACE	3	Program Total.....	64-65
SPC-112 PUBLIC SPEAKING	3		
Semester Total.....	15		
Summer Semester	Credit		
Take AGC-936 in Summer semester or Fall II Semester:			
AGC-936 OCCUPATIONAL EXPERIENCE	3		
Semester Total.....	3		
Fall Semester II	Credit		
AGA-390 INTRODUCTION TO RENEWABLE RESOURCES	3		
Choose 2 courses from group 6 or Choose 3 if AGC-936 was not taken in summer:			
AGA-158 SOIL FERTILITY	3		
AGB-437 COMMODITY MARKETING	3		
DRF-113 FUNDAMENTALS OF TECHNICAL DRAFTING	3		
AGN-130 SOIL AND WATER CONSERVATION	3		
AGB-466 AGRICULTURAL FINANCE (online)	3		
AGC-936 OCCUPATIONAL EXPERIENCE	3		
AGS-270 FOODS OF ANIMAL ORIGIN (online)	3		
AGS-319 ANIMAL NUTRITION (online)	3		
AGS-331 ANIMAL REPRODUCTION (online)	3		
AGH-112 INTRODUCTION TO TURF GRASS MANAGEMENT (ONLINE)	3		
Take 1 of 4 courses:			
MAT-120 COLLEGE ALGEBRA	3		
MAT-156 STATISTICS	3		