

Agriculture, Modern Food Production and the Environment - Certificate, Diploma and AAS

The 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

Southeastern Community College values diversity in all its forms. Please visit http://www.scciowa.edu/_resources/docs/scc-nondiscrimination-statement.pdf to view our nondiscrimination 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	Spring Semester II	Credit
AGB-336 AGRICULTURAL SELLING	3	AGS-216 EQUINE SCIENCE <u>or</u>	3
AGC-216 CAREER SEMINAR	2	AGS-242 ANIMAL HEALTH (online) <u>or</u>	3
AGB-330 FARM BUSINESS MANAGEMENT	3	ELE-130 HOME AND FARM ELECTRICITY <u>or</u>	2
AGA-181 INTRODUCTION TO CROP SCIENCE <u>or</u>	3	PHS-165 INTRODUCTION TO METEOROLOGY	3
AGH-221 PRINCIPLES OF HORTICULTURE	3	ECN-130 PRINCIPLES OF MICROECONOMICS <u>or</u>	3
AGB-235 INTRODUCTION TO AGRICULTURE	3	HUM-287 LEADERSHIP DEVELOPMENT STUDIES	3
		<u>or</u>	
BUS-102 INTRODUCTION TO BUSINESS	3	PSY-102 HUMAN AND WORK RELATIONS <u>or</u>	3
AGH-131 GREENHOUSE MANAGEMENT (ONLINE)	3	SOC-114 CONFLICT RESOLUTION IN THE	3
		WORKPLACE <u>or</u>	
AGS-113 SURVEY OF THE ANIMAL INDUSTRY	3	SOC-115 SOCIAL PROBLEMS	3
		Program Total.....	64-68
Spring Semester I	Credit		
AGA-182 INTRODUCTION TO SOIL SCIENCE	3		
AGA-376 INTEGRATED PEST MANAGEMENT <u>or</u>	3		
AGB-331 ENTREPRENEURSHIP IN AGRICULTURE	3		
(online) <u>or</u>			
AGC-420 ISSUES IN AGRICULTURE <u>or</u>	3		
AGS-225 SWINE SCIENCE <u>or</u>	3		
AGS-226 BEEF CATTLE SCIENCE	3		
ENG-105 COMPOSITION I <u>or</u>	3		
ENG-110 WRITING FOR THE WORKPLACE <u>or</u>	3		
SPC-112 PUBLIC SPEAKING	3		
Summer Semester	Credit		
AGC-936 OCCUPATIONAL EXPERIENCE	3		
Fall Semester II	Credit		
AGA-390 INTRODUCTION TO RENEWABLE	3		
RESOURCES			
AGA-158 SOIL FERTILITY <u>or</u>	3		
AGA-211 GRAIN AND FORAGE CROPS (ONLINE) <u>or</u>	3		
AGB-437 COMMODITY MARKETING <u>or</u>	3		
DRF-113 FUNDAMENTALS OF TECHNICAL	3		
DRAFTING <u>or</u>			
AGB-466 AGRICULTURAL FINANCE (online) <u>or</u>	3		
AGC-936 OCCUPATIONAL EXPERIENCE <u>or</u>	3		
AGS-270 FOODS OF ANIMAL ORIGIN (online) <u>or</u>	3		
AGS-319 ANIMAL NUTRITION (online) <u>or</u>	3		
AGT-250 FOOD AND BIOSECURITY ISSUES <u>or</u>	1		
AGS-331 ANIMAL REPRODUCTION (online) <u>or</u>	3		
AGH-112 INTRODUCTION TO TURF GRASS	3		
MANAGEMENT (ONLINE)			
MAT-120 COLLEGE ALGEBRA <u>or</u>	3		
MAT-156 STATISTICS <u>or</u>	3		
MAT-702 INTRODUCTION TO MATH	3		
APPLICATIONS <u>or</u>			
CHM-165 GENERAL CHEMISTRY I	4		
Spring Semester II	Credit		
AGB-210 AGRICULTURE LAW <u>or</u>	2		
AGH-260 FRUITS AND VEGETABLES <u>or</u>	3		
AGM-155 FARM EQUIPMENT MANAGEMENT <u>or</u>	2		
AGM-203 AGRICULTURAL WELDING <u>or</u>	2		
AGP-333 PRECISION FARMING SYSTEMS <u>or</u>	3		
AGN-244 WILDLIFE MANAGEMENT <u>or</u>	3		