

# Agriculture, Modern Food Production and the Environment - AAS

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Related programs:

Ag. MFP & Environment - Certificate  
Ag. MFP & Environment - Diploma  
Ag. MFP & Environment - AAS  
Ag. MFP & Environment (Online) - Certificate  
Ag. MFP & Environment (Online) - Diploma  
Ag. MFP & Environment (Online) - AAS

The 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 and Row Crop Operations](#), [Animal Science](#), [Conservation and Natural Resources](#), and [Specialty Crop](#). Students may also select from a fully [Online](#) for [Face-to-Face](#) format.

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, AGB-437, DRF-113, AGN-130, AGB-466, AGC-936, AGS-270, AGS-319, AGT-250, and AGS-331.

In Spring II semester, students must take eight - nine credit hours from the elective grouping AGB-451, AGM-155, AGM-203, AGP-333, AGN-244, AGS-216, AGS-242, and PHS-165 and two courses from the elective grouping ECN-130, PSY-111, HUM-287, and SOC-114.

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.

\*The Modern Food Production Certificate can be earned one time.

\*The Agriculture, Modern Food Production and the Environment Diploma can be earned one time.

## 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

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*Southeastern Community College values diversity in all its forms. Please visit <https://www.scciova.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.scciova.edu/admissions/costaid/finaid/gainemp.aspx>*

## West Burlington Campus

### Program Requirements

Fall Semester	Credit	Spring Semester II	Credit
AGB-336 Agricultural Selling	3	AGM-203 Agricultural Welding	2
AGC-216 Career Seminar	2	AGP-333 Precision Farming Systems	3
AGB-330 Farm Business Management	3	AGN-244 Wildlife Management	3
<b>Take 1 of 2 courses:</b>		AGS-216 Equine Science	3
AGA-181 Introduction to Crop Science	3	AGS-242 Animal Health (online)	3
AGH-221 Principles of Horticulture	3	PHS-165 Introduction to Meteorology	3
<b>Take 1 of 2 courses:</b>		<b>Take 2 of these courses.:</b>	
AGB-235 Introduction to Agriculture Markets	3	ECN-130 Principles of Microeconomics	3
BUS-102 Introduction to Business	3	HUM-287 Leadership Development Studies	3
<b>Take 1 of 2 courses:</b>		PSY-111 Introduction to Psychology	3
AGH-131 Greenhouse Management (online)	3	SOC-114 Conflict Resolution in the Workplace	3
AGS-113 Survey of the Animal Industry	3	Semester Total.....	14-15
Semester Total.....	17	Program Total.....	64-66
Spring Semester I	Credit		
AGA-182 Introduction to Soil Science	3		
<b>Take at least 9 credit hours from these courses:</b>			
AGA-376 Integrated Pest Management	3		
AGB-331 Entrepreneurship in Agriculture (online)	3		
AGC-420 Issues in Agriculture	3		
AGS-225 Swine Science	3		
AGS-226 Beef Cattle Science	3		
<b>Take at least 3 credit hours from these courses:</b>			
ENG-105 Composition I	3		
ENG-110 Writing for the Workplace	3		
SPC-112 Public Speaking	3		
Semester Total.....	15		
Summer Semester	Credit		
AGC-936 Occupational Experience	3		
Semester Total.....	3		
Fall Semester II	Credit		
AGA-390 Introduction to Renewable Resources	3		
SOC-115 Social Problems	3		
<b>Choose 2 courses from group 6 or Choose 3 if AGC-936 was not taken in summer:</b>			
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-319 Animal Nutrition (online)	3		
AGS-331 Animal Reproduction (online)	3		
<b>Take 1 of 4 courses:</b>			
MAT-120 College Algebra	3		
MAT-156 Statistics	3		
MAT-702 Introduction to Math Applications	3		
CHM-165 General Chemistry I	4		
Semester Total.....	15-16		
Spring Semester II	Credit		
<b>Take 8-9 credits from these courses:</b>			
AGB-451 Agricultural Law	3		
AGM-155 Farm Equipment Management	2		