

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

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Learn to grow with some of Southeast Iowa's most valuable land and resources.

Want a career in Agriculture?

SCC's Modern Food Production, Agriculture and the Environment program will prepare you for careers in grain and livestock farming, and agribusiness.

Interested in continuing on to earn a Bachelor's? Check out our 2 + 2 program with Iowa State.

After successful completion of the first semester, the Modern Food Production Certificate will be awarded.

After successful completion of the first two semesters the Introduction to Modern Food Production, Agriculture & The Environment Diploma will be awarded.

In Spring I semester students must take at least 9 credit hours from the elective grouping AGA-376, AGB-331, AGC-420, AGM-157, 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, AGB-466, AGC-937, AGH-112, AGN-130, AGS-270, AGS-319, AGS-331 and AGT-250.

In Spring II semester, students must take at least 6 credit hours from each of the two elective groups.

## 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  
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BS, Iowa State University

Adam Raub  
Professor  
(319) 208-5000 ext. 5103

*Southeastern Community College values diversity in all its forms. Please visit [http://www.scciowa.edu/\\_resources/docs/scc-nondiscrimination-statement.pdf](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>*

araub@scciowa.edu

BS, Western Illinois University

MBA, St. Ambrose University

## West Burlington Campus

### Program Requirements

Fall Semester I	Credit	Fall Semester II	Credit
AGB-336 AGRICULTURAL SELLING	3	PHY-106 SURVEY OF PHYSICS	4
AGC-216 CAREER SEMINAR	2		
AGA-114 PRINCIPLES OF AGRONOMY <u>or</u>	3	Spring Semester II	Credit
AGH-221 PRINCIPLES OF HORTICULTURE	3	AGB-210 AGRICULTURE LAW (online) <u>or</u>	2
AGB-235 INTRODUCTION TO AGRICULTURE	3	AGH-260 FRUITS AND VEGETABLES <u>or</u>	3
MARKETS <u>or</u>		AGM-155 FARM EQUIPMENT MANAGEMENT <u>or</u>	2
BUS-102 INTRODUCTION TO BUSINESS	3	AGM-203 AGRICULTURAL WELDING <u>or</u>	2
AGH-131 GREENHOUSE MANAGEMENT (online) <u>or</u>	3	AGN-244 WILDLIFE MANAGEMENT <u>or</u>	3
AGS-113 SURVEY OF THE ANIMAL INDUSTRY	3	AGS-216 EQUINE SCIENCE <u>or</u>	3
AGP-329 INTRODUCTION TO GPS <u>or</u>	3	AGS-242 ANIMAL HEALTH (online) <u>or</u>	3
DRF-113 FUNDAMENTALS OF TECHNICAL	3	ELE-130 HOME AND FARM ELECTRICITY <u>or</u>	2
DRAFTING		ENV-145 CONSERVATION BIOLOGY	4
		ECN-130 PRINCIPLES OF MICROECONOMICS <u>or</u>	3
Spring Semester I	Credit	HUM-287 LEADERSHIP DEVELOPMENT STUDIES	3
AGA-154 FUNDAMENTALS OF SOIL SCIENCE	3	<u>or</u>	
AGA-390 INTRODUCTION TO RENEWABLE	3	PSY-102 HUMAN AND WORK RELATIONS <u>or</u>	3
RESOURCES		PSY-111 INTRODUCTION TO PSYCHOLOGY <u>or</u>	3
AGA-376 INTEGRATED PEST MANAGEMENT <u>or</u>	3	SOC-110 INTRODUCTION TO SOCIOLOGY <u>or</u>	3
AGB-331 ENTREPRENEURSHIP IN AGRICULTURE	3	SOC-114 CONFLICT RESOLUTION IN THE	3
(online) <u>or</u>		WORKPLACE	
AGC-420 ISSUES IN AGRICULTURE <u>or</u>	3		
AGM-157 MACHINERY MANAGEMENT <u>or</u>	3	Program Total.....	68-76
AGS-225 SWINE SCIENCE <u>or</u>	3		
AGS-226 BEEF CATTLE SCIENCE	3		
ENG-105 COMPOSITION I <u>or</u>	3		
ENG-111 TECHNICAL WRITING (online) <u>or</u>	3		
SPC-112 PUBLIC SPEAKING	3		
Summer Semester	Credit		
AGC-936 OCCUPATIONAL EXPERIENCE	3		
MAT-120 COLLEGE ALGEBRA <u>or</u>	3		
MAT-156 STATISTICS <u>or</u>	3		
MAT-702 INTRODUCTION TO MATH	3		
APPLICATIONS			
Fall Semester II	Credit		
AGB-330 FARM BUSINESS MANAGEMENT	3		
AGB-470 FARM RECORDS, ACCOUNTS, ANALYSIS	3		
AGA-158 SOIL FERTILITY <u>or</u>	3		
AGA-211 GRAIN AND FORAGE CROPS <u>or</u>	3		
AGB-437 COMMODITY MARKETING <u>or</u>	3		
AGB-466 AGRICULTURAL FINANCE (online) <u>or</u>	3		
AGC-937 OCCUPATIONAL EXPERIENCE II <u>or</u>	3		
AGH-112 INTRODUCTION TO TURF GRASS	3		
MANAGEMENT <u>or</u>			
AGN-130 SOIL AND WATER CONSERVATION <u>or</u>	3		
AGS-270 FOODS OF ANIMAL ORIGIN (online) <u>or</u>	3		
AGS-319 ANIMAL NUTRITION (online) <u>or</u>	3		
AGS-331 ANIMAL REPRODUCTION (online) <u>or</u>	3		
AGT-250 FOOD AND BIOSECURITY ISSUES	1		
MAT-110 MATH FOR LIBERAL ARTS <u>or</u>	3		
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>			
PHS-165 INTRODUCTION TO METEOROLOGY <u>or</u>	3		