

# Associate in Applied Science in Agricultural Technology

## Program Overview

Upon completion of this degree students will earn a Certificate in Agricultural Operations from Michigan State University in addition to the AAS degree from Southwestern Michigan College.

## To Learn More About This Program

Contact Dr. Thomas Green at 269-782-1291 or [tgreen10@swmich.edu](mailto:tgreen10@swmich.edu).

## Degree Requirements

To earn this degree, students must have an overall GPA of 2.0 or higher, complete a minimum of 60 credit hours, and fulfill the course requirements of the program listed below. Students are permitted to complete a higher-level math course than shown below. Each general education course, prerequisite course, internship, and capstone course must be completed with a final grade of C or better.

## Course Offerings

Students pursuing an Associate in Applied Science in Agricultural Technology may complete select courses for this program online. Courses within this program may also be offered on-site at our Dowagiac or Niles campus.

## General Education Courses

### COMMUNICATIONS

Course ID	Course	Credits
ENGL 103 or ENGL 103W	Freshman English 2 (or with workshop)	3 to 4 credits
ENGL 104 or SPEE 104	Freshman English 3 or Intro to Human Communication	3 credits

### MATHEMATICS

Course ID	Course	Credits
MATH 127	College Algebra	4 credits

### NATURAL SCIENCE

Course ID	Course	Credits
BIOL 118	Plant Biology	4 credits
CHEM 100 or CHEM 101	Fundamentals of Chemistry or General Chemistry 1	4 to 5 credits

### SOCIAL SCIENCE

Course ID	Course	Credits
ECON 201 or ECON 202	Macroeconomics or Microeconomics	3 credits
POSC 201	American Government	3 credits

### HUMANITIES

Course ID	Course	Credits
HIST 101 or Another Approved Humanities Course	Western Civilization 1	3 to 4 credits

### Major-Specific Required Courses

Course ID	Course	Credits
EDUC 120	Educational Exploration and Planning	1 credit
BUSI 200 or ISYS 110	Small Business Management or Introduction to Computer Technology	3 credits

### Complete MSU Certificate

Course ID	Course	Credits
MSU	Completed MSU Certificate in Agricultural Operations	34 credits

**Total Program Credits: 65**

## Additional Notes About the A.A.S. in Agricultural Technology Program

- A prerequisite course may be needed prior to enrollment in some courses within this program. Specific prerequisite requirements are listed in the Course Description section in the Course Catalog. A summary of the prerequisites is listed below in the Example Course Sequence.
- This program as outlined does NOT meet MTA requirements. Students would need another humanities course. If interested in the MTA, students should seek help from an advisor for course selection.
- Courses taken out of sequence may delay a student's ability to complete the program in a timely manner. Please consult your advisor regularly.
- Each student should submit a graduation application at least one full semester before they plan to graduate.
- This program is subject to change. Students should consult with their advisor for program updates.

## Example Course Sequence

The following is a sample of a semester-by-semester approach to completing this program.

### FIRST SEMESTER

Courses	Credits	Prerequisites (Minimum Grade of C Required)
EDUC 120 Educational Exploration and Planning	1 credit	ENGL 115, ENGL 103W, ENGL 103, ENGL 104, or English test score (Level 2 or higher); concurrent enrollment in ENGL 115 allowed
ENGL 103 or ENGL 103W Freshman English 2 (or with workshop)	3 to 4 credits	ENGL 103W: English test score (Level 2 or higher) ENGL 103: ENGL 115 or English test score (Level 3); concurrent enrollment in ENGL 115 allowed
BIOL 118 Plant Biology	4 credits	ENGL 115, ENGL 103W, ENGL 103, ENGL 104, or English test score (Level 2 or higher); concurrent enrollment in ENGL 115 allowed
MSU Certificate Courses	6 credits	See Program Coordinator for details

### SECOND SEMESTER

Courses	Credits	Prerequisites (Minimum Grade of C Required)
CHEM 100 Fundamentals of Chemistry or CHEM 101 General Chemistry 1	4 to 5 credits	See Program Coordinator for details
BUSI 200 Small Business Management or ISYS 110 Introduction to Computer Technology	3 credits	See Program Coordinator for details
MSU Certificate Courses	6 to 9 credits	See Program Coordinator for details

### SUMMER SEMESTER

Courses	Credits	Prerequisites (Minimum Grade of C Required)
MSU Internship	3 credits	See Program Coordinator for details

### THIRD SEMESTER

Courses	Credits	Prerequisites (Minimum Grade of C Required)
MATH 127 College Algebra	4 credits	MATH 114 (minimum grade of B-), Math test score (Level 3 or higher), or concurrent enrollment in MATH 127C
ECON 201 Macroeconomics or ECON 202 Microeconomics	3 credits	None
MSU Certificate Courses	8 credits	See Program Coordinator for details

### FOURTH SEMESTER

Courses	Credits	Prerequisites (Minimum Grade of C Required)
ENGL 104 Freshman English 3 or SPEE 104 Intro to Human Communication	3 credits	See Program Coordinator for details
POSC 201 American Government	3 credits	ENGL 115, ENGL 103W, ENGL 103, ENGL 104, or English test score (Level 2 or higher); concurrent enrollment in ENGL 115 allowed
HIST 101 Western Civilization 1 or Another Humanities Course	3 to 4 credits	HIST 101: ENGL 115, ENGL 103W, ENGL 103, ENGL 104, or English test score (Level 2 or higher); concurrent enrollment in ENGL 115 allowed
MSU Certificate Courses	6 credits	See Program Coordinator for details