

Associate in Applied Science in Agricultural Technology

Program Overview

Upon completion of this degree, students will earn either a Certificate in Agricultural Operations or a Certificate in Fruit and Vegetable Crop Management from Michigan State University in addition to the A.A.S. degree from Southwestern Michigan College.

To Learn More About This Program

Contact Dr. Thomas Green at 269-782-1291 or 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	30 to 34 credits

Total Program Credits: 61

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 test score (concurrent enrollment in ENGL 115 allowed)
ENGL 103 or ENGL 103W Freshman English 2 (or with workshop)	3 to 4 credits	ENGL 103W: Test score ENGL 103: ENGL 115 or test score (concurrent enrollment allowed)
BIOL 118 Plant Biology	4 credits	ENGL 115, ENGL 103W, ENGL 103, ENGL 104, or test score (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	CHEM 100: MATH 101, MATH 102, or test score (concurrent enrollment allowed); ENGL 115, ENGL 103W, ENGL 103, ENGL 104, or test score (concurrent enrollment in ENGL 115 allowed) CHEM 101: MATH 127 or test score (concurrent enrollment allowed); CHEM 100, or one year of high school chemistry with minimum grade of B taken within the last 5 years, or test score; ENGL 115, ENGL 103W, ENGL 103, ENGL 104, or test score (concurrent enrollment in ENGL 115 allowed)
BUSI 200 Small Business Management or ISYS 110 Introduction to Computer Technology	3 credits	BUSI 200: ENGL 115, ENGL 103W, ENGL 103, ENGL 104, or test score (concurrent enrollment in ENGL 115 allowed) ISYS 110: None
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 101 or test score
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	ENGL 104: ENGL 103 or 103W SPEE 104: ENGL 115, ENGL 103W, ENGL 103, ENGL 104, or test score (concurrent enrollment in ENGL 115 allowed)
POSC 201 American Government	3 credits	ENGL 115, ENGL 103W, ENGL 103, ENGL 104, or test score (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 test score (concurrent enrollment in ENGL 115 allowed)
MSU Certificate Courses	6 credits	See Program Coordinator for details