Forest Technology, AAS

Award Granted: Associate in Applied Science in Forest Technology Major code: 03/348

Credits/Contacts Required: **63**   CIP Code: 030511

The AAS in Forest Technology will develop technically prepared, career-ready graduates in forest technology. Upon completion, students would also receive a Certificate in Forest Technology through Michigan State University. Through a consortium between Bay College and Michigan State University's Institute of Agricultural Technology, the program goal is to engage students in intensive and practical skill development that will serve to address the changing needs of the forestry workforce. At the conclusion of this program, students will be prepared to collect & manage forestry-related data, plan and perform forest management activities, prepare timber for harvest, administer timber sales, support first management activities, maintain stakeholder relationships, perform administrative tasks, and coordinate forestry workforce.

General Education Requirements

- ENGL 101 - Rhetoric & Composition **Credits: 3**
- FRST 100 - Wildland & Rural Fire Control **Credits: 3**
- GEOG 150 - Map, Compass, & GPS **Credits: 2**
- GIS 201 - Introduction to Geographic Information Systems **Credits: 3**
- HLTH 147 - First Aid/Heart saver for Non-Healthcare Providers **Credit: 1**
- MATH 105 - Intermediate Algebra **Credits: 4**

- MATH 210 - Introduction to Statistics **Credits: 4**
- BIOL 107 - Environmental Science **Credits: 3**
- BIOL 108 - Environmental Science Lab **Credit: 1**

- CIS 130 - Spreadsheet Applications **Credits: 3 OR** CIS 140 - Database Applications **Credits: 3**
- ECON 131 - Macroeconomics **Credits: 3 OR** ECON 132 - Microeconomics **Credits: 3**

Forestry Courses - Completed through Michigan State University - (canr.msu.edu/iat/forest-technology)

- AT 293 - Professional Internship in Agricultural Technology **Credits: 3-6**
- CSS 203 - World of Soils **Credits: 2**
- ENT 110 - Applied Entomology of Economic Plants **Credits: 3**
- FOR 115 - Field Exploration of Topics in Forest Technology **Credit: 1**
- FOR 116 - Career Development in Forest Technology **Credit: 1**
- FOR 117 - Natural Resources Equipment and Worker Safety **Credit: 1**
- FOR 130 - Fundamentals of Forest Management Planning **Credit: 1**
- FOR 135 - Forest Issues and Policy **Credit: 1**

- FOR 204 - Forest Vegetation **Credits: 3**
- FOR 222 - Forestry Field Methods **Credits: 2**
- FOR 250 - Introduction to Forest Ecology & Silviculture **Credits: 3**
- FOR 260 - Applied Forest Management **Credit(s): 3**
- FOR 265 – Crew Leadership & Mgmt in FT: **Credits: 2**
- FOR 270 - Forest Business Operations **Credit(s): 2**
- FOR 275 - Timber Harvest Planning & Systems **Credits: 3**
- PLP 105 - Fundamentals of Applied Plant Pathology **Credits: 2**
- PLP 105L - Fundamentals of Applied Plant Pathology Lab **Credit: 1**

Suggested Sequence Per Semester

First Semester

- CSS 203 - World of Soils **Credits: 2**
- FOR 117 - Natural Resources Equipment and Worker Safety **Credit: 1**
- FOR 204 - Forest Vegetation **Credits: 3**
- FOR 222 - Forestry Field Methods **Credits: 2**
- FRST 100 - Wildland & Rural Fire Control **Credits: 3**
- MATH 105 - Intermediate Algebra **Credits: 4**

Course with early start date:
- FOR 115 - Field Exploration of Topics in Forest Technology **Credit: 1**

First Semester Total - Credit(s): 16

Second Semester

- GEOG 150 - Map, Compass, & GPS **Credits: 2**
- GIS 201 - Introduction to Geographic Information Systems **Credits: 3**
- HLTH 147 - First Aid/Heartsaver for Non-Healthcare Providers **Credit: 1**
- MATH 210 - Introduction to Statistics **Credits: 4**
- FOR 130 - Fundamentals of Forest Management Planning **Credit: 1**
- FOR 250 - Introduction to Forest Ecology & Silviculture **Credits: 3**

Summer after Year One:
- AT 293 - Professional Internship in Agricultural Technology **Credits: 3-6**

Second Semester Total - Credit(s): 14

Third Semester

- CIS 130 - Spreadsheet Applications **Credits: 3 OR** CIS 140 - Database Applications **Credits: 3**
- ENGL 101 - Rhetoric & Composition **Credits: 3**
- ENT 110 - Applied Entomology of Economic Plants **Credits: 3**
- FOR 135 - Forest Issues and Policy **Credit: 1**
- FOR 260 - Applied Forest Management **Credits: 3**
- PLP 105 - Fundamentals of Applied Plant Pathology **Credits: 2**
- PLP 105L - Fundamentals of Applied Plant Pathology Lab **Credit: 1**

Third Semester Total - Credit(s): 15

Fourth Semester

- BIOL 107 - Environmental Science **Credits: 3**
- BIOL 108 - Environmental Science Lab **Credit: 1**
- ECON 131 - Macroeconomics **Credits: 3 OR** ECON 132 - Microeconomics **Credits: 3**
- FOR 116 - Career Development in Forest Technology **Credit: 1**
- FOR 265 - Crew Leadership & Management in Forest Technology **Credits: 2**
- FOR 270 - Forest Business Operations **Credits: 2**
- FOR 275 - Timber Harvest Planning & Systems **Credits: 3**

Fourth Semester Total - Credit(s): 18