

## Agriculture and Food Systems, AAS

The Agriculture and Food Systems program prepares students to develop and manage a small farm or pursue careers in the agricultural and horticultural sciences, agronomy, or crop production. Students learn the fundamentals of crop production, soil management, and farm operations. The program focuses on the integration of food and farming in small-scale systems that enhance the well-being of the environment and communities. Through laboratory courses, field trips, and internships on the FVCC campus farm and in the community, the Agriculture and Food Systems program provides students with a fun, hands-on, multidisciplinary experience in agriculture and food systems.

### Flathead County, MT

Search new location



### Salary Range

50th Percentile (Median)



## Overview

 **533**

Currently Employed

 **\$34,289**

Average Salary

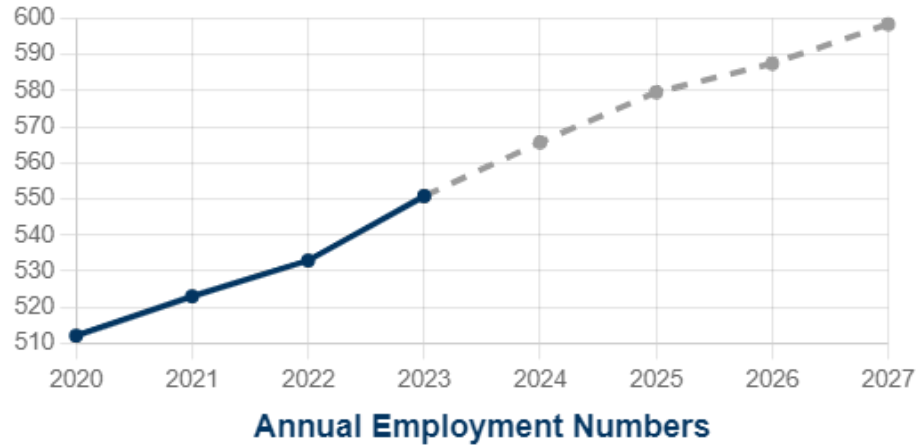
## Employment Trends

**7.6%**

**Past Growth**  
2020-2023

**8.7%**

**Projected Growth**  
2023-2027



## Top Occupations by Income

› Farmers, Ranchers, and Other Agricultural Managers

[i About this data](#)

## Program Outcomes

Upon completion of this program, students will be able to

- Demonstrate knowledge of crop and soil management practices;
- Describe the components and complexities of our modern food system;
- Identify, diagnose, and manage pests and diseases of crop plants;
- Consider the whole-farm implications of their management decisions;
- Safely and effectively operate farm machinery and equipment;
- Describe various marketing opportunities in small and large-scale agriculture; and
- Identify the necessary steps to start and operate a small-scale business.

# Required Courses

---

## First Year

---

### Fall Semester

---

- [AGSC 202z - Small Acreage Farm Production: Fall](#) Credit(s): 4
- [BIOB 110N - Plant Science](#) Credit(s): 3
- [SFBS 146 - Introduction to Sustainable Food and Bioenergy Systems](#) Credit(s): 3
- Elective Credit(s): 5

**First Semester Total: 15**

---

### Spring Semester

---

- [AGSC 202y - Small Acreage Farm Production: Spring](#) Credit(s): 4 <sup>R</sup>
- [AGSC 298y - Internship: Campus Farm](#) Credit(s): 3
- [AGSC 298z - Internship: Agricultural Enterprise](#) Credit(s): 3 \*
- [AGSC 265 - Building Community Food Systems](#) Credit(s): 2
  
- [BMGT 205C - Professional Business Communication](#) Credit(s): 3 \* <sup>R</sup>
- OR
- [WRIT 101W - College Writing I](#) Credit(s): 3 \* <sup>R</sup>

**Second Semester Total: 15**

---

## Second Year

---

### Fall Semester

---

- [AGSC 200 - Soil Nutrient Management](#) Credit(s): 3 \*
- [AGSC 230 - Agricultural Pest Management](#) Credit(s): 4
- [COMX 115C - Introduction to Interpersonal Communication](#) Credit(s): 3 <sup>R</sup>
- [M 095~ - Intermediate Algebra](#) Credit(s): 4 \* <sup>R</sup>

## First Semester Total: 14

---

### Spring Semester

---

- [AGSC 241 - Field Crop Production](#) Credit(s): 3 \*
- [ANSC 100N - Introduction to Animal Science](#) Credit(s): 3
- [BMGT 210 - Small Business Entrepreneurship](#) Credit(s): 3
- [ENSC 245NL - Soils](#) Credit(s): 4
- Elective Credit(s): 3

## Second Semester Total: 16

---

## Total Credits: 60

---

<sup>R</sup> Indicates Related Instruction requirement.

\*Indicates prerequisite and/or corequisite needed. Check course description.

## Program Information

---

- An internship is required for this program. Students must apply for internship placements for this program the prior semester. For more information and application deadlines, contact Cathy Allard, Career Advisor, at (406) 756-3803 or callard@fvcc.edu.

## Opportunities after Graduation

---

- Graduates can expect to find employment in a variety of agricultural jobs, including as plant/soil/animal science technicians, in agricultural sales/marketing, or as farm managers. Small-scale farming is one of the fastest growing sectors in agriculture, which presents opportunities for graduates to be self-employed farmers.

## Advising Information:

---

For more information about this program, contact an advisor.

Academic Advisor
Russ Lamson
LRC 129
(406) 756-3885

**Academic Advisor**

rlamson@fvcc.edu

---