



# AGRICULTURE

## BANTING MEMORIAL HIGH SCHOOL

### PROGRAM OVERVIEW

The demand for professionals in the agriculture sector in Ontario continues to increase as Canada's population grows and the demand for food and renewable resources increases. The Agriculture Specialist High Skills Major (SHSM) at Banting Memorial High School provides students with a strong foundation for a wide variety of careers in the Agriculture sector, including those focusing on urban agriculture, horticulture, soil sciences or veterinary studies. Emphasis is placed on growing food in spaces that are available and caring for animals. At Banting Memorial High School, students will have the opportunity to work with animals housed on site, manage school gardens and grounds, utilize the Banting greenhouse facility, visit local farms, and experiment with farming systems designed to feed a growing population.

#### Experiential Learning Opportunities

- Presentations related to different careers within the sector
- Opportunity to work with and care for animals housed on Banting property
- Complete two cooperative education credits
- Complete experiences related to math, coding or the design thinking process related to the agriculture sector

#### Related Careers

- Agricultural Chemist
- Veterinarian
- Horticultural Technician
- Animal / Pet Groomer
- Professional Grower
- Farmer
- Crop Advisor
- Agricultural Equipment Technician
- Soil Scientist
- Sales Representative
- Agronomist
- ...and more

#### Certifications & Training

- Standard First Aid
- CPR Level C with AED
- WHMIS - GHS
- Leadership Skills
- Animal First Aid
- Pest Management
- Soil Classification
- Seed Saving
- Advanced Plant Identification
- Herbicide / Pesticide Use
- Portfolio Development
- Fall Protection
- ...and more

# CREDITS

## Course Package

Each SHSM program offers students a bundle of eight to ten credits. These courses are regular Ontario secondary school courses that allow students to work towards their Ontario Secondary School Diploma, but have been bundled as the most relevant courses to prepare students for a future in the agriculture sector.

### The Bundle includes:

- **4 “major” credits** in Agriculture in Grade 11 and 12
- **Supporting credits**, which provide opportunities for students to learn the subject in the context of the agriculture sector:
  - One Grade 11 or 12 English credit
  - One Grade 11 or 12 math credit
  - One Grade 11 or 12 science or business credit
  - Two cooperative education credits to experience life in the agriculture sector

### Applying to the Agriculture SHSM:

All students in Simcoe County are able to attend the Agriculture SHSM at Banting Memorial High School in Grades 11 and 12. Each student’s goals will be assessed and course selection will be determined based on their needs.

### If you want to learn more about this program:

- Check out the Agriculture SHSM at [ontario.ca/SHSM](https://www.ontario.ca/SHSM)
- Talk to Liz Greflund in the Science Department
- Speak to a guidance counsellor or co-op teacher
- Visit Banting Memorial High School on a parent/guardian information night

## CONTACT

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