



# CAREERS IN FORESTRY

- Chemical technologists and technicians
- Forestry technologists and technicians
- Technical occupations in geomatics and meteorology
- Landscape and horticulture technicians and specialists
- Biologists and related scientists
- Forestry professionals
- Land surveyors
- Chain saw and skidder operators
- Logging and forestry labourers
- Nursery and greenhouse workers
- Silviculture and forestry workers



For more information on the Specialist High Skills Major Forestry program, contact your school guidance counsellor, SHSM board lead or visit [Ontario.ca/SHSM](http://Ontario.ca/SHSM)



YOUR SKILLS, FUTURE.



YOUR SKILLS, FUTURE.

FORESTRY







### Sector Overview

Home to 2% of the world's forest, Ontario is one of Canada's most forested regions. Ontario's forests consist of a variety of valued species that are used to produce lumber, pulp, furniture, flooring, plywood, veneer and wood pellets.

Ontario's forest industry generated \$18 billion in total revenues in 2018 – and there is room for growth.

## THE EXPERIENCE

### Students in the Forestry Specialist High Skills Major program will:

- Visit and learn about local sawmill operations
- Develop innovative skills that support forestry operation advancements locally, provincially and nationally
- Network with local industry partners to learn about all aspects of the Forestry Industry
- Participate in training and certifications that employers are seeking in their recruitment



## CREDITS

### Course Package

Each SHSM program offers students a bundle of 8 - 10 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 Forestry sector.

Two credits in this bundle include Cooperative Education where students pursue a work placement in a field of interest.



### The bundle includes:

- **4 “major” credits** in Forestry in grade 11 and 12
- **Supporting credits:**
  - > 1 Grade 12 English credit or 1 Grade 11 English credit
  - > 1 Grade 11 Math credit or 1 Grade 12 Math credit
  - > 1 Grade 11 or 12 Science or Canadian & World Studies credit
  - > 2 Cooperative Education credits to experience life in the Forestry sector

### Achievements in the Program

- **Certifications and Awareness Training:** Students complete selected sector-recognized certifications related to the major
- **Experiential Learning Opportunities:**
  - > Have the opportunity to job-shadow industry professionals
  - > Complete 2 Cooperative Education credits and get work experience in the Forestry sector
  - > See guest speakers, go on field trips to explore careers in Forestry
- Gain a **Sector Partnered Experience** (SPE) component that includes one of the following options: Innovation Creativity and Entrepreneurship (ICE) training; sector-delivered contextualized coding; or, sector-delivered mathematical literacy. The SPE will require a 6 hour activity, delivered with a sector partner and have an experiential and an assessment component.
- **Reach Ahead Experiences:** Explore the field and postsecondary education opportunities in the Forestry sector
- Completing the SHSM program prepares students for their pathway to **apprenticeship, college, university or work**