

Environmental SHSM

Overview of SHSM Requirements:

- Required Credits
- CLA's
- Coop
- Certifications
- Reach Ahead and Experiential Learning

Required Credits:

Environment

Major Credits

BAF3M	CLU3E	PAF4O	SBI4U	SNC4E	TDJ3M
BTA3O	CLU3M	PPL3O	SCH3U	SNC4M	TDJ3O
CGG3O	GPP3O	PPL4O	SCH4C	SPH4C	TDJ4M
CGR4E	HRT3M	SBI3C	SCH4U	SVN3E	TFJ4C
CLN4U	PAD3O	SBI3U	SES4U	SVN3M	

English Complete a CLA in both grade 11 and 12 English

Math Complete a CLA in grade 11 or grade 12 Math

Coop 2 period coop

CLA (Contextualized Learning Activity):

An activity that involves a minimum of six hours of learning, based on the curriculum expectations, that is contextualized to the SHSM sector. The Environment SHSM requires the completion of 3 CLA's, one in grade 11 English, one in grade 12 English, and one in Math.

Coop:

Each SHSM pathway requires that students complete a minimum of two cooperative education credits in a work placement in the sector. The WHMIS certification will be completed in your coop training.

Certifications to be completed:

Four (4) compulsory			
Cardiopulmonary Resuscitation (CPR) Level C – includes automated external defibrillation (AED)	compass/map global positioning system (GPS)	Standard First Aid	Workplace Hazardous Materials Information System (WHMIS) – generic (i.e., not site-specific) instruction

Three (3) electives from the list below			
advanced training in a technique (e.g., knots techniques)	animal and plant management	Below Zero	chainsaw safety
customer service	fire safety and fire extinguisher use	geographic information system (GIS)	habitat restoration
Hike Ontario	Innovation, Creativity and Entrepreneurship (ICE)	introduction to stream assessment protocol	ladder safety training
leadership skills	Leave No Trace	life-saving (Bronze Cross or higher)	Ontario Hunter Education
paddling techniques	Pleasure Craft Operator	portfolio development	project management
Project Wild	radio operator	search and rescue	sector-specific vehicle operation and safety
species identification (e.g., fish, birds, plants, trees, small mammals)	water/ice safety	watershed management	wilderness first aid
wilderness survival	Working at Heights		

Reach Ahead and Experiential Learning Opportunities:

Reach ahead experiences enable students to gain confidence in their ability to be successful, refine skills and work habits, and make informed choices about future careers and next steps. Experiential learning opportunities are planned learning activities that take place outside the traditional classroom setting.

Examples of reach ahead and experiential activities are:

- attending a conference or workshop held by the sector
- a day-long observation of a person working in the sector
- participating in a sector activity
- a career talk by a local sector representative
- interviewing an employee in the sector
- interviewing a college or university student enrolled in a program related to the sector
- attending a college or university class in the student's area of interest