

Are you considering Environmental SHSM next year?

*If you're interested in making the community sustainable and environmentally friendly for everyone, this is the program for you! It's never too early to plan your Pathway. Many of the courses associated with this SHSM (Specialist High Skills Major) are **already** requirements for your Diploma. By selecting a total of 7 of the following courses **and** Co-op, you are on your way to completing the Environmental SHSM.*

What Will I Gain from an Enviro SHSM?

- **Certificates and Training** – including CPR training, Map Global Positioning system (GPS), First Aid and WHMIS training
- **Experiential learning and Career Exploration** – can include Co-op placement, job shadowing, trade shows, trail maintenance, participating in Envirothon, guest speakers, field trips (i.e. hiking, camp, climbing, outdoor learning)
- **Reach Ahead Experiences** – visiting universities, colleges and workplaces to explore the available opportunities
- **Setor Partnered Contextualized Experience (SPCE)** – can include ICE (Innovation, Creativity and Entrepreneurship), Coding, and/or Mathematical Literacy. This is a 6 hour experiential activity that will be delivered by a Environmental partner
- **Skills** – gain leadership skills while exploring environmental issues and potential solutions to make a global difference



Potential Careers:

- Biologist, Scientists, Biological technologists
- Chemical/Civil/Geological Engineer/Technologists
- Geoscientists & Oceanographers
- Landscape architects/technicians
- Forestry professionals
- Urban and land use planners
- Water and waste treatment plant operators
- Outdoor sport and recreational guides



Grade 11 Course Options

Major Credits

- SVN3M/3E– Environmental Studies*
- SBI3C/3U – Biology*
- SCH3U – Chemistry
- HRT3M/HRF3O – World Religion

** Required for this SHSM*

Grade 12 Course Options

Major Credits

- SBI4U – Biology
- SCH4C/4U – Chemistry

English*

- ENG3U/ENG3C/ENG3E

**Required for OSSD*

English*

- ENG4U/ENG4C/ENG4E

**Required for OSSD*

Math*

- MBF3C
- MCR3U
- MCF3M
- MEL3E

**ONE Math credit (grade 11 OR 12) required for OSSD*

Math*

- MEL4E
- MAP4C
- MCT4C
- MHF4U
- MDM4U
- MCV4U

**ONE Math credit (grade 11 OR 12) required for OSSD*

Cooperative Education – NGC 3OC/NGC 4OC – 2 credits

All students can benefit from participating in cooperative education. In their experiences in cooperative education, students will develop:

- a reflective habit of mind to derive meaning from their experiences;
- the ability to apply (e.g., transfer) their learning to influence decisions and actions in various aspects of their lives;
- the skills, knowledge, and habits of mind required to become competent and confident education and career/life planners.

For more information email Ms. Ambroszkiewicz at ambroszkiewicz1@hcdsb.org OR visit your **Guidance Counsellor**