

# ENVIRONMENT

## SPECIALIST HIGH SKILLS MAJOR (SHSM)

Are you interested in the Environment and the Outdoors?

Are you looking for a competitive edge to get a job or to enrol in a college or university program in this field?

Do you enjoy getting out of the classroom and experiencing first-hand what you just learned about?

If you answered “Yes” to any of the above questions, read on . . .

### What are the advantages of earning a SHSM in the Environment?

- You select a bundle of 9 required credits focused on knowledge and skills that are *valued by the environment sector and postsecondary educational institutions!*
- Possible post-secondary pathways include college programs such as Environmental Technician and Ecosystem Management Technology OR university degree programs such as Environmental Engineering and Environmental Management
- You will explore, identify, and refine career goals and make more informed decisions about your postsecondary *options within the environment sector*. (arborist, landscape horticulture, landscape architect, resource drilling technician)
- You will have *access to resources, equipment, and experiences* not always available in a traditional classroom or course.

### What are the required components for the SHSM in the Environment?

- 9 required Grade 11 and 12 credits (see the chart on the next page)
  - 4 “environment major” credits
  - 3 other required credits in English (grade 11 &12) and mathematics (grade 11)
  - 2 co-operative education credits
- 7 certifications and training courses
  - 4 compulsory (First Aid, CPR, GPS, WHMIS)
  - 3 electives (such as Habitat Restoration, Hike Ontario, Knots Technique, Map and Compass Use, Species Identification, Watershed Management ,.etc.)
- **experiential learning activities** (such as attending the Groundwater Festival, Bee Club, competing in Envirothon, etc.)
- **“reach ahead” experiences** connected with the student’s postsecondary pathway (e.g. class trip to Fleming’s Frost Campus, touring a water treatment facility, etc.)
- **Sector-Partnered Experience (SPE)** an experiential activity that will be delivered with a sector partner and have an experiential and assessment component.

## Program Pathways - The Environment

The Environment SHSM at Courtice SS	Apprenticeship Training Pathway		College Pathway		University Pathway		Workplace Pathway	
	GRADE 11	GRADE 12	GRADE 11	GRADE 12	GRADE 11	GRADE 12	GRADE 11	GRADE 12
Major credits (need 4)	Choose 4: PAD301 PPL401 PPL301 SCH4C1 SBI3C1 TCJ4E2 SVN3E1 TCJ3E2 THJ3E1		Choose 4: PAD301 PPL401 SVN3M1 SCH4C1 SBI3C1 TCJ4E2 TCJ3E2		Choose 4: CLU3M1 CLU4U1 SVN3M1 SBI4U1 SBI3U1 SCH4U1 SCH3U1		Choose 4: PAD301 PPL401 PPL301 TCJ4E2 SVN3E1 TCJ3E2 THJ3E1	
English credit(s) (need 2)	NBE3C1	ENG4C1	NBE3C1	ENG4C1	NBE3U1	ENG4U1	NBE3E1	ENG4E1 OLC4OL
Math credit (need 1)	MEL3E1 or MBF3C1 or MCF3M1		MBF3C1 or MCF3M1		MCR3U1 or MCF3M1		MEL3E1	
Co-op credits	2 Credit Co-op tied to SHSM Sector		2 Credit Co-op tied to SHSM Sector		2 Credit Co-op tied to SHSM Sector		2 Credit Co-op tied to SHSM Sector	

