

## **SPECIALIST HIGH SKILLS MAJOR (SHSM) IN THE ENVIRONMENT**

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?**

- Employment in the environment sector has boomed in recent years and there are actual *labour shortages* in this sector!
- You select a bundle of 9 required credits focused on knowledge and skills that are *valued by the environment sector and postsecondary educational institutions!*
  - choose from a variety of newly designed college diploma 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.*
- 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 Grades 11 and 12 credits (see the chart on the next page)
  - 4 “environment major” credits
  - 3 other required credits in English and mathematics
  - 2 co-operative education credits
- 7 certifications and training courses
  - 4 compulsory (First Aid, CPR, GPS, WHMIS)
  - 3 electives (such as Habitat Restoration, Paddling Techniques, Watershed Management, Map and Compass Use, Species Identification, Knots Technique, Hike Ontario, etc.)
- experiential learning activities (such as attending the Groundwater Festival, maintaining the Courtice Millennium Trail, 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.)

## AVAILABLE CREDITS FOR THE SHSM - The Environment

<b>The Environment SHSM at Courtice SS</b>	<b>Apprenticeship Training Pathway</b>		<b>College Pathway</b>		<b>University Pathway</b>		<b>Workplace Pathway</b>	
	GRADE 11	GRADE 12	GRADE 11	GRADE 12	GRADE 11	GRADE 12	GRADE 11	GRADE 12
<b>Major credits</b>	2 of: SBI 3C1 PAD 3O1	2 of: SCH 4C1 PAD 4O1	2 of: SVN 3M1 SBI 3C1 PAD3O1	2 of: CGR 4M1 SCH 4C1 PAD 4O1	2 of: SVN 3M1 SBI 3U1 SCH 3U1	2 of: CGR 4M1 SBI 4U1 SCH 4U1	SVN 3E1 PAD 3O1	CGR 4E1 PAD 4O1
<b>English credit(s)</b>	ENG 3C1	ENG 4C1	ENG 3C1	ENG 4C1	ENG 3U1	ENG 4U1	ENG 3E1	ENG 4E1
<b>Math credit</b>	MEL 3E1 or MBF 3C1		MEL 3E1 or MBF 3C1 or MCF 3M1		MCR 3U1 or MCF 3M1		MEL 3E1 or MBF 3C1	
<b>Co-op credits</b>	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	



