

### Other Benefits

Students will also receive seven industry recognized certifications, including CPR and First Aid, WHMIS, and GPS Certification.

### Experiential Learning and Reach Ahead Activities

Students will:

- Visit post-secondary institutions.
- Work with Food Sharing agencies to learn about nature and food connections, and developing small scale school gardens.
- Develop relationships with sector partners including Black Creek Community Farms, Toronto and Area Conservation Authority, Evergreen BrickWorks, Ecosparks, World Wildlife Fund, Recycle Love, the David Suzuki Foundation, and more!
- Visit sector-specific workplace environments.
- Participate in a variety of hands on activities including watershed management, species identification, habitat restoration, gardening, wilderness survival and more!



### George S. Henry Academy

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## Environment SHSM



George S. Henry  
Academy



## What is an Environmental Specialist High Skills Major (SHSM)?

Employment in the environmental sector has increased significantly over the past few years.

Our environmental SHSM has been created to help link our students to those careers.

Whether a student is interested in starting an apprenticeship, attending college or university, or entering the workforce upon graduation, there is an Environmental SHSM stream for them.

The SHSM program will help students to develop the knowledge and skills they need to be environmentally active and responsible citizens. Through experiential learning opportunities, students will learn how to apply their learning at a workplace in the community.



Apprenticeship	College
Occupations will emerge as the sector matures	Conservation Officer Environmental Technician Land Surveyors Soil Testing Technologist Pollution Control Technician
University	Workplace
Climatologist	Canoeing Guide
Environmental Biologist	Life Guard
Geological Engineer	Recreation Program Leader
Landscape Architects	Recycled Paper Handler
Meteorologist	

### Required Courses

Students must complete specific course requirements in order to complete the SHSM program and obtain a red seal on their diploma.

GRADE 11 COURSES	
ENGLISH (Choose 1)	◇ NBE3C ◇ NBE3E ◇ NBE3U
MATH (Choose 1) <small>Note: Students can use a grade 11 or 12 math to meet the SHSM requirements</small>	◇ MBF3C   ◇ MAP4C ◇ MEL3E   ◇ MDM4U ◇ MCF3M   ◇ MHF4U ◇ MCR3U   ◇ MCV4U
COOPERATIVE EDUCATION	◇ COOP2 (2 credits)

### GRADE 11/12 SHSM COURSES

Major Courses (Choose any 4 – 2 per year) <small>Must take at least one Grade 11 and one Grade 12 course</small>		
◇ BAF3M	◇ BAT4M	
◇ CGG30	◇ BBB4M	
◇ CLU3M	◇ BOH4M	
◇ GPP30	◇ CGW4U	
◇ PAF30	◇ CLN4U	
◇ PAL30	◇ CPW4U	
◇ PPL30	◇ PAD40	
◇ SBI3C/U	◇ PAF40	
◇ SCH3U	◇ PAL40	
◇ SPH3U	◇ PPL40	
	◇ PSK4U	
	◇ SBI4U	
	◇ SCH4C/U	
	◇ SNC4M	
	◇ SPH4U	

### GRADE 12 COURSES

ENGLISH (Choose 1)	◇ ENG4C ◇ ENG4E ◇ ENG4U
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### SHSM Course Code Decoder

BAF/BAT- Accounting	
BBB- International Business	
BOH- Business Management	
CGG- Travel and Tourism	
CGW- World Issues	
CLU/CLN- Law	
CPW- Politics	
GPP- Leadership	
PAD- Outdoor Education	
PAF- Fitness	
PAL/PPL- Physical and Health Education	
PSK- Introduction to Kinesiology	
SBI- Biology	
SCH- Chemistry	
SPH- Physics	
SNC- Forensic Science	
C- College Level	O- Open Level
E- Workplace Level	U- University Level