

## Recommended part-time pathway for Environmental Protection Technology diploma

This pathway is for students who wish to complete the program over three years instead of two years. Some students may prefer a lighter academic workload, or intend to work while completing the program.

A *prerequisite* is a requirement that must be on your student file before you can register into a course. A prerequisite may be a secondary or post-secondary course, a test, or departmental permission.

Most ENVI courses are only offered once per calendar year. This schedule works with pre-requisites and course offerings.

### YEAR ONE

<b>Fall 1</b>			
<b>Course number</b>	<b>Course name</b>	<b>credits</b>	<b>Prerequisite(s)</b>
BIOL 1110	Introductory Biology I	4	
ENVI 1106	Environmental Chemistry I	4	Chem 11 C+
ENVI 1121	Environmental Issues	3	
MATH 1117*	Environmental Mathematics	3	Level E1 of Math alternatives table, such as Pre-Calculus 11(C), Foundations of Mathematics 11 (C+)
<b>Spring 1</b>			
BIOL 1210	Introductory Biology II	4	BIOL 1110
ENVI 1206	Environmental Chemistry II	4	Level C1 as defined in the Math Alternatives Table (MATH 1117, or Principles of Math 12 or Pre-Calculus 12 (or equivalent) with a C+ or better), and (ENVI 1106 or CHEM 1110)
ENVI 1216	Introduction to Earth Sciences	4	ENVI 1121
ENVI 1226	Health and Safety	4	ENVI 1106 or CHEM 1110
<b>Summer 1</b>			
BIOL 2322	Ecology	4	BIOL 1110 and BIOL 1210

\*MATH 1117 is not needed if Principles of Math 12 or Pre-Calculus 12 (or equivalent) completed with a C+ or better

YEAR TWO

<b>Fall 2</b>			
<b>Course number</b>	<b>Course name</b>	<b>credits</b>	<b>Prerequisite(s)</b>
COOP 1101	Job Search Techniques	1	
CBSY 1110	Business Problem Solving with Spreadsheets	3	
CMNS 1140	Introduction to Professional Communication	3	
<b>Spring 2</b>			
MATH 1115	Statistics I	3	Level C1 in Math Alternatives Table such as: MATH 1117, Pre-Calculus 12 (C), Pre-Calculus 11 (B)
ENVI 2310	Solid Waste Management	3	Level C1 in Math Alternatives Table such as: MATH 1117, Pre-Calculus 12 (C), Pre-Calculus 11 (B)
PHYS 1400	Environmental Physics	3	Level C1 as defined in the Math Alternatives Table (MATH 1117, or Principles of Math 12 or Pre-Calculus 12 (or equivalent) with a C+ or better)
PHYS 1401	Environmental Physics Lab	1	Level C1 as defined in the Math Alternatives Table (MATH 1117, or Principles of Math 12 or Pre-Calculus 12 (or equivalent) with a C+ or better)
ENVI 2315	Water and Soil Sampling	4	CHEM 1110 or ENVI 1106
<b>Summer 2</b>			
COOP 1150	Co-op Work Semester 1	9 <i>Tuition based on 4.5</i>	COOP 1101, and ideally ENVI 1226 and ENVI 2315

YEAR THREE

<b>Fall 3</b>			
<b>Course number</b>	<b>Course name</b>	<b>Credits</b>	<b>Prerequisite(s)</b>
COOP 2150	Co-op Work Semester 2	9 <i>Tuition based on 4.5</i>	COOP 1150
ENVI 2901	Environmental Research Seminar	1	Both (a) CHEM 1110 or ENVI 1106, and (b) ENVI 2315. Co-requisite: MATH 1115
<b>Spring 3</b>			
ENVI 2305	Environmental Toxicology	3	BIOL 1210 and one of: CHEM 1210 or ENVI 1206
ENVI 2410	Water Resources Protection	3	ENVI 1216 and ENVI 2315
ENVI 2405	Environmental Legislation	3	ENVI 1121
<b>Summer 3</b>			
ENVI 2415	Air Quality Monitoring	4	ENVI 1216
ENVI 2420	Contaminated Site Management	4	Both (a) CHEM 1210 or ENVI 1206, and (b) ENVI 1216
ENVI 2902**	Environmental Research Report	2	ENVI 2901 and MATH 1115

\*\*ENVI 2902 can be taken earlier, in any semester after ENVI 2901.

If you need more credits to meet student permit requirements in Fall #2, one could take MATH 1115 Statistics 1 in that semester.

If you need more credits to meet student permit requirements in any semester, there are complimentary courses which *are not part of the EPT program*, but are of value in the environmental protection industry:

- GEOG 2400 Introduction to GIS, 3 credits, Prerequisite(s): 3 credits from GEOG courses at the 1100 level or higher.
- INDG 1100 Introduction to Indigenous Studies, 3 credits

Revised: May 2024, M. Drury