

Diploma to Degree Pathways Program in Environmental Science at Western University

Below are the courses students will need to take towards their degree/module at Western University from a **2-year Environmental Technician Diploma** and a **3-year Environmental Technology Diploma from Centennial College**.

Course descriptions, course nomenclature (e.g. F/G) and breadth categories (e.g. category A course) can be found in the Academic Calendar – <http://westerncalendar.uwo.ca>

The Environmental Science course list can be found here: <http://www.westerncalendar.uwo.ca/2014/pg684.html#33078>

It is highly recommended that you plan course/year progression with the Environmental Science Academic Counsellor.

College Program - Environmental Technician Diploma – 2 year

Common courses taken by students in all modules	Degree Program/ Module	Courses taken towards module or graduation requirements	Notes
<ul style="list-style-type: none"> • 1.0 course from: Calculus 1000A/B, or 1500A/B, 1301A/B or 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B, must be completed during the first year of enrollment • 0.5 course: Chemistry 2210A/B. • 0.5 course from: Biology 2244A/B, Statistical Sciences 2141A/B, 2143A/B, 2244A/B, Psychology 2810 (Module will be 8.0 courses if Psychology 2810 is taken). • 0.5 course: a Geography half-course from the Environmental Science Course List. • 0.5 course at the 2000-level from Earth Sciences courses in the Environmental Physical Sciences Subject Courses List. • 1.0 course: Environmental Science 3300F/G, 3350F/G. • 1.5 additional courses from the 'Environmental Science Course List', 	B.Sc. Environmental Science Major – 3 year degree	<ul style="list-style-type: none"> • 4.0 option courses (3.5 option courses if Psychology 2810 is taken): • Of these courses, ensure 1.0 courses are senior courses; 1.0 are first year courses, of which 0.5 course must be a category B course 	<ul style="list-style-type: none"> • A total of 9.5 courses will be taken for this module • To achieve graduation requirements, of all courses taken at Western, ensure 2.0 are essay courses and 4.5 courses are Science courses
	B.Sc. Environmental Science Major – 4 year	<ul style="list-style-type: none"> • 9.0 option courses (8.5 option courses if Psychology 2810 is taken): • Of these courses, ensure 6.0 courses are senior courses; 1.0 are first year courses, of which 0.5 course must be a category B course • Environmental Science 4970F/G may be taken as an option but will not be counted towards module requirements. 	<ul style="list-style-type: none"> • A total of 14.5 courses will be taken for this module • To achieve graduation requirements, of all courses taken at Western, ensure 2.0 are essay courses and 7.5 courses are Science courses
	B.Sc. Environmental Science Specialization – 4 year	<ul style="list-style-type: none"> • 0.5 course from: Environmental Science 4949F/G, Biology 4230A/B, 4243G, 4405F/G, Earth Sciences 4431A/B. • 2.5 additional courses at the 3000 level or above from Environmental Science 	<ul style="list-style-type: none"> • A total of 14.5 courses will be taken for this module • To achieve graduation requirements, of all courses taken at Western, ensure 2.0

including at least 0.5 from each of the 3 subject areas (physical, life science and philosophy/policy/political science group)		<p>4970F/G or the 'Environmental Science Course List'.</p> <ul style="list-style-type: none"> • 6.0 option courses (5.5 option courses if Psychology 2810 is taken): • Of these courses, ensure 3.5 courses are senior courses; 1.0 are first year courses, of which 0.5 course must be a category B course 	are essay courses and 7.5 courses are Science courses
	B.Sc. Environmental Science Honors Specialization – 4 year	<ul style="list-style-type: none"> • 1.5 course: Environmental Science 4999E • 0.5 course from: Environmental Science 4949F/G, Biology 4230A/B, 4243G, 4405F/G, Earth Sciences 4431A/B. • 1.0 additional courses at the 3000 level or above from the 'Environmental Science Course List' • 6.0 option courses (5.5 option courses if Psychology 2810 is taken): • Of these courses, ensure 3.5 courses are senior courses; 1.0 are first year courses, of which 0.5 course must be a category B course 	<ul style="list-style-type: none"> • A total of 14.5 courses will be taken for this module • To achieve graduation requirements, of all courses taken at Western, ensure 2.0 are essay courses and 7.5 courses are Science courses

- For all modules no more than 7.0 first year courses will be counted towards degree, including advanced standing credits.
- 'Option courses' are courses that can be taken from any Faculty or Department as long as you have taken/have credit for the pre-requisite course and they meet your graduation requirements, as listed.

College Program - Environmental Technology Advanced Diploma – 3 year

Common courses taken by students in all modules	Degree Program/ Module	Courses taken towards module or graduation requirements	Notes
<ul style="list-style-type: none"> • 1.0 course from: Calculus 1000A/B, or 1500A/B, 1301A/B or 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B, must be completed during the first year of enrollment • 0.5 course: Chemistry 2210A/B. • 0.5 course from: Biology 2244A/B, Statistical Sciences 2141A/B, 2143A/B, 2244A/B, Psychology 2810 (Module will be 8.0 courses if Psychology 2810 is taken). • 0.5 course: a Geography half-course from the Environmental Science Course List. • 0.5 course at the 2000-level from Earth Sciences courses in the Environmental Physical Sciences Subject Courses List. • 1.0 course: Environmental Science 3300F/G, 3350F/G. 	<p>B.Sc. Environmental Science Major – 3 year degree</p>	<ul style="list-style-type: none"> • 0.5 additional courses from the 'Environmental Science Course List' from the life science group • 3.0 option courses (2.5 option courses if Psychology 2810 is taken): • Of these courses, ensure 0.5 courses are senior courses; 1.0 are first year courses, of which 0.5 course must be a category B course 	<ul style="list-style-type: none"> • A total of 7.5 courses will be taken for this module • To achieve graduation requirements, of all courses taken at Western, ensure 2.0 are essay courses and 4.5 courses are Science courses
	<p>B.Sc. Environmental Science Major – 4 year</p>	<ul style="list-style-type: none"> • 0.5 additional courses from the 'Environmental Science Course List' from the life science group • 8.0 option courses (7.5 option courses if Psychology 2810 is taken): • Of these courses, ensure 6.0 courses are senior courses; 1.0 are first year courses, of which 0.5 course must be a category B course • Environmental Science 4970F/G may be taken as an option but will not be counted towards module requirements 	<ul style="list-style-type: none"> • A total of 12.5 courses will be taken for this module • To achieve graduation requirements, of all courses taken at Western, ensure 2.0 are essay courses and 7.5 courses are Science courses
	<p>B.Sc. Environmental Science Specialization – 4 year</p>	<ul style="list-style-type: none"> • 0.5 course from: Environmental Science 4949F/G, Biology 4230A/B, 4243G, 4405F/G, Earth Sciences 4431A/B. • 0.5 additional courses from the 'Environmental Science Course List' from the life science group • 2.5 additional courses at the 3000 level 	<ul style="list-style-type: none"> • A total of 12.5 courses will be taken for this module • To achieve graduation requirements, of all courses taken at Western, ensure 2.0 are essay courses and 7.5 courses are Science courses

		<p>or above from Environmental Science 4970F/G or the 'Environmental Science Course List'.</p> <ul style="list-style-type: none"> • 5.0 option courses (4.5 option courses if Psychology 2810 is taken): <ul style="list-style-type: none"> • Of these courses, ensure 2.5 courses are senior courses; 1.0 are first year courses, of which 0.5 course must be a category B course 	
	<p>B.Sc. Environmental Science Honors Specialization – 4 year</p>	<ul style="list-style-type: none"> • 1.5 course: Environmental Science 4999E • 0.5 course from: Environmental Science 4949F/G, Biology 4230A/B, 4243G, 4405F/G, Earth Sciences 4431A/B. • 0.5 additional course from the 'Environmental Science Course List' from the life science group • 1.0 additional courses at the 3000 level or above from the 'Environmental Science Course List' • 5.0 option courses (4.5 option courses if Psychology 2810 is taken): <ul style="list-style-type: none"> • Of these courses, ensure 2.5 courses are senior courses; 1.0 are first year courses, of which 0.5 course must be a category B course 	<ul style="list-style-type: none"> • A total of 12.5 courses will be taken for this module • To achieve graduation requirements, of all courses taken at Western, ensure 2.0 are essay courses and 7.5 courses are Science courses

- For all modules no more than 7.0 first year courses will be counted towards degree, including advanced standing credits.
- 'Option courses' are courses that can be taken from any Faculty or Department as long as you have taken/have credit for the pre-requisite course and they meet your graduation requirements, as listed.