

Diploma to Degree Pathways Program in Environmental Science at Western University

Below are the transfer credits students will receive towards their degree/module at Western University from a *2-year Environmental Technician Diploma from Algonquin College*.

Admission criteria for all programs below: 75% cumulative average for all college courses with no single course under 60%; No longer than 3 years should have elapsed between conferral of diploma and admission to Western (exceptions will be considered on an individual basis).

College Program	Degree Program/ Module	Number of credits granted	Minimum credits to be completed	Actual credits granted
Environmental Technician Diploma – 2 year	B.Sc. Environmental Science Major – 3 year degree	5.5	9.5	Introductory Science <ul style="list-style-type: none"> • 1.0 course: 1000-level Biology: Biology 1001A and 1002B • 1.0 course: 1000-level Chemistry: Chemistry 1301A/B and 1302B • 0.5 course: Environmental Science 1021F/G
	B.Sc. Environmental Science Major – 4 year degree	5.5	14.5	Environmental Content/Field Skills <ul style="list-style-type: none"> • 0.5 course: Biology 2483A • 1.0 course: 2000-level course from Environmental Science course list
	B.Sc. Environmental Science Specialization – 4 year degree	5.5	14.5	Social Science <ul style="list-style-type: none"> • 0.5 course: 2000-level Social Science credit Other Credits <ul style="list-style-type: none"> • 0.5 course: 1000-level Communications (Arts)
	B.Sc. Environmental Science Honors Specialization – 4 year degree	5.5	14.5	Electives <ul style="list-style-type: none"> • 0.5 course: 2000-level Science credit

Note: A one semester course is typically 0.5 credits.

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 Algonquin 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>

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’, including at least 0.5 from each of the 3 subject areas (physical, life science and philosophy/policy/political science group) 	<p>B.Sc. Environmental Science Major – 3 year degree</p>	<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
	<p>B.Sc. Environmental Science Major – 4 year</p>	<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
	<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. • 2.5 additional courses at the 3000 level or above from Environmental Science 4970F/G or the ‘Environmental Science Course List’. 	<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

		<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 	
	<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. • 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 or above from Environmental Science 	<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>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.