

**Memorandum of Understanding
between
Trent University
and
Fleming College of Applied Arts and Technology**

**Regarding the Offering of a Joint Degree/Diploma
Honours Bachelor of Science, Ecological Restoration
and
Ecological Restoration Technician**

*Revised, September 2014
Updated – January 2016 to Appendix B for TCEQ's and Course Titles*

1.0 Purpose

The purpose of this Memorandum of Understanding (MOU) is to set out the general terms and conditions for the development, implementation and delivery of the four year joint degree/diploma program specializing in Ecological Restoration.

Overview of the Program

The full description of the joint program is included in the 'Proposal to Offer a Joint Degree/Diploma in Ecological Restoration.'

The first two years of the program will be delivered at the School of Environmental & Natural Resource Sciences, Fleming College, in Lindsay, Ontario. The final two years of the program will be delivered at Trent University in Peterborough, Ontario.

Two (2) credentials will be conferred to the graduate upon successful completion of all four years of the program – an Ontario College Diploma in Ecological Restoration as well as an Honours Bachelor of Science Degree in Ecological Restoration.

The first intake of students into the joint program was September 2008.

2.0 Term and Termination

2.1 The terms of this MOU govern the program from its inception in Fall 2008, when program and funding approvals were received from the Board of Governors of Fleming College, the Senate of Trent University and the Ministry of Training, Colleges & Universities.

2.2 Process for Review and Amendment

This MOU will be reviewed annually by the Joint Steering Committee and may be amended at any time by consent of both parties, by written addendum.

2.3 Termination

This Agreement may be terminated by either party. In this case, notice of two years is required. In the event of termination of the Agreement, every effort will be made to ensure that students currently enrolled in the program will not be affected.

3.0 Joint Steering Committee

A joint steering committee will continue to oversee the curriculum and administration of the program. Steering committee members from each institution are as follows:

- Vice President Academic, Trent University
- Vice President Academic, Fleming College
- Dean representation from all programs, Trent University
- Dean representation from all programs, Fleming College
- Director, Centre for Learning and Development, Fleming
- Manager, Articulation Agreements, Trent University
- Registrar representation from Trent and Fleming

The Joint Steering Committee will meet at least once per year. Sub-groups of the committee and/or additional college/university personnel may be called on to meet on an ad hoc basis, to address specific issues. Responsibilities include:

- Review and update the MOU, as required
- Planning joint staffing and/or sharing of resources
- Enrolment management, student tracking and retention
- Develop the agenda for meetings of the External Program Advisory Committee
- Review the program model and curriculum annually and implement approved changes to curriculum
- Provide input into program review and curriculum renewal process as per each institution's Program Quality Assurance mechanisms.
- Plan student activities such as orientation, guest lectures, events

5.0 Enrolment Planning

Trent University has the capacity to accommodate up to 60 students into Year 3 of the joint program.

6.0 Admissions & Registration

Students will apply and register at Fleming College into the joint degree/diploma program, through the Ontario College Application Service (OCAS).

The minimum Admission requirements to the program are:

OSSD with the majority of credits at the College (C) and Open (O) level, including two English credits in the College (C) stream; two Math credits in the College (C) or University / College (UC) stream and a Science at the senior level in the College (C) or University / College (UC) stream.

After successful completion of the two years at Fleming College, and upon meeting the progression requirements detailed following, students will automatically continue in the program at Trent University in Year 3.

7.0 Academic Regulations and Academic Progression

Students will adhere to the Academic Regulations and Policies of each institution while enrolled at each institution.

7.1 Fleming College Academic Progression (Semester 1 to Semester 2)

To successfully progress to Semester 2 of the joint program, students must achieve a minimum grade of 65% in Semester 1 courses Environmental Science I and Critical Thinking and Communication.

7.2 Trent University (From Year 2, Semester 4 to Year 3, Semester 5)

In February/March each year, the Semester 4 Ecological Restoration students at Fleming College will be required to complete a **Declaration of Intent to Continue and Authorization for Release of Information form (see Appendix A)** to be collected by Fleming College and provided to Trent as the basis on which to create a student record at Trent. Fleming College will provide copies of all secondary and post-secondary transcripts that supported the student's application to semester one of the joint degree/diploma program; an original transcript documenting the student's academic record in years one and two of the program; and copies of all documentation related to the student's academic record in the program. This includes, but is not limited to: records of transfer credit or course exemption assessments, academic appeals or academic dishonesty.

The following progression requirements apply to students entering the program in Fall 2011 and beyond. In order to progress to Year 3 of the program, students must pass all courses and achieve a 70% overall program average in Years 1 and 2.

Fleming College will provide Trent University with final transcripts for all students who have declared their intent to continue within two weeks of release of final grades. Upon receipt of the final transcript following Semester 4 and confirmation that the student meets the requirements for progression to Semester 5, Trent University will send a 'confirmation of eligibility to continue' letter to eligible students, outlining the process for accessing the MyTrent account and course registration. Students will be eligible for the early registration process for upper level students at Trent. Students wishing to take courses in the summer term will be instructed to request an expedited review process.

Transfer credits will be recorded on the student's Trent record as outlined in Appendix B.

7.3 Course Exemptions

It is the responsibility of each partner to review transcripts and course outlines as required to make assessments for course exemptions in the curriculum components under their responsibility. A record of all such exemptions must be thoroughly documented and included in the student's file. Documentation to include: originating institution, name and number of course considered for exemption, course weight, numerical grade and the Fleming or Trent equivalent course for which the exemption is given. Back-up documents, such as course descriptions and outlines should be included where relevant. Parties agree that exemptions will be made only on the basis of academic courses completed in post-secondary institutions. Under no circumstances will transfer credit be awarded on the basis of PLAR. All requests for exemptions will be assessed with a dual focus on ensuring that students are appropriately prepared for success in subsequent courses in the program and ensuring that the program integrity and outcomes are maintained.

8.0 Tracking of Students

Trent and Fleming agree to design a process that enables cross institutional tracking so that student performance, retention, graduation and graduate success statistics can be attained. **Both institutions will work toward a process that obtains student permission for sharing of records at the start of the program to support seamless transition and tracking of student performance over the program. Proposed language is, "By accepting this offer of admission, I understand and agree that details of my academic record will be shared with Trent University while I am enrolled at Fleming, and with Fleming College while enrolled at Trent."**

9.0 Program Staffing/Academic Credentials

The process for any new full-time hires dedicated to the Ecological Restoration program shall be collaborative, including both Fleming/Trent input into the hiring process including job ads, screening of applicants and where possible, the interview and selection process.

All Fleming “U” level courses will be staffed by a professor who has, at minimum, a Masters Degree in the field of study. If the course is jointly delivered, only the ‘lead’ professor will require this credential.

Trent & Fleming professors will have opportunities to participate in all field courses / field study / field camps throughout the program. Both partners agree to a deliberate intent to involve students in both the Fleming and Trent environments throughout the curricular and co-curricular aspects of program.

10.0 Program Funding and Reporting

The program is funded through the Ministry of Training, Colleges & Universities as per existing funding mechanisms. Students registered in the first two years will be counted on the Fleming College audit and funded accordingly, with the final two years counted on the Trent University audit.

11.0 Access to Student Supports and Services

As a principle, students will have regular access to student supports and services at each institution while enrolled at that location. Students will have access to Library resources at both Fleming and Trent throughout the program. Ecological Restoration students will have access to OSAP, bursaries and scholarships as per standard eligibility policies at each institution where they are enrolled. **Partners agree to work toward the introduction of a joint student ID card.**

12.0 Faculty Access to Resources

Trent and Fleming professors associated with this joint program will have access to program resources at each institution for initiatives in support of this program, such as the Centre for Alternative Wastewater Treatment, Oliver Centre and the Institute for Watershed Science.

13.0 Convocation

The joint nature of the program will be recognized on the degree and diploma parchments students receive. The convocation ceremony for the joint degree/diploma program will take place at Trent University, as a distinct program within the B.Sc. (Honours) graduates. The Dean, School of Natural and Environmental Resource Science and program faculty will be invited to participate in the convocation ceremony at Trent. Convocation details are outlined in Appendix C. Ecological Restoration graduates will also be listed in the Fleming College convocation program and mention will be made of the joint program graduates during Fleming’s convocation ceremony.

14.0 Signing Officers

For Fleming College:

No signature required
 Laurel Schollen
 Vice-President Academic

No signature required
 Date

For Trent University:

No signature required
 Gary Boire
 Provost and Vice-President Academic

No signature required
 Date

Appendix B

Students successfully completing Years 1 and 2 of the Ecological Restoration degree/diploma program at Fleming College will receive the following transfer credits on their Trent transcript:

Fleming Course	Trent Equivalent/Transfer Credit
University Level Courses	
SCIE 118 – Environmental Science I	0.5 ERSC 1010H
SCIE 119 – Environmental Science II	0.5 ERSC 1020H
ECOS 027 – Introduction to Ecology	0.5 SCIENCE-ERY2 @ 2000 level + pre-req waived; also precludes taking ERSC-BIOL 2260H
COMM 137 – Readings in Environment and Restoration	0.5 ENGL @ 1000 level (excludes ENGL-ERST 2705H)
ECOS 031 – Introduction to Indigenous Environmental Studies: History and Culture	1.0 ERST-INDG 2601Y
ECOS 030 – Introduction to Indigenous Environmental Studies: Culture and the Environment	
SCIE 120 – Introductory Chemistry I	0.5 CHEM 1000H
SCIE 121 – Introductory Chemistry II	0.5 CHM 1010H
SCIE 136 – Methods in Environmental Science	See ERSC 2230H/2240H below
FSTY 075 – Intro to Plant Community Systematics	0.5 BIOL @ 2000 level
MATH 086 – Math I	MATH 1051H
MATH 087 – Math II	MATH 1052H
APST 083 – Restoration Ecology Field Camp	ERSC 3860H
College Level Courses	
ECOS 007 – Ecosystem Monitoring and Assessment	0.5 ERSC 2230H
ECOS 013 – Ecosystem Skills	0.5 ERSC 22240H
SCIE 136 – Methods in Environmental Science	Requirement for ERSC 2220H waived because have intro Chemistry
GEOM 036 – Geospatial techniques (GIS)	GEOG 2090H GEOG 2110H
GEOM 021 – GIS Principles	
SURV 018 – Geomatics in Surveying	
GEOM 041 – Remote Sensing III	
GEOL 021 – Principles of Hydrogeology	GEOG 3530H
COMM 131 – Critical Thinking and Communication	X
MATH 063 – Applied Mathematics in Natural Resources	X
SCIE 135 – Applied Chemistry in Ecological Restoration	X
FSTY 50 – Trees and Shrubs of Ontario	X
	1.0 SCIENCE @ 1000 level
	0.5 SCIENCE @ 2000 level

To complete the joint degree/diploma in Ecological Restoration, students will have to complete 10 Trent University credits, as follows:

Year 3	Year 4
Required Courses	
Students are referred to the Academic Calendar for university requirements that apply to all degree programs. Specific additional requirements for the B.Sc. (Honours) Ecological Restoration are listed below.	
2.5 credits, as follows:	1.5 credits, as follows:
0.5 ERST-POST 2100H – Environmental science & politics	ERSC 4520H – Restoration ecology
1.0 ERST-PHIL 3300Y – Environmental Ethics OR ERST 3311H – Environmental Risk and the Risk of Society and ERST 3312H: Ecological Risk Assessment	ERSC 4530H – Remediation & Reclamation of Sites
0.5 ERSC 3501H – Environment & Communications: Oral & Visual Presentation OR ERSC 3520H – Environment & Communications: Writing & Reporting	At least 0.5 credit in an approved field course @ the 3000-or 4000-level
0.5 ERST-ECON-CAST 3780H – Canadian Natural Resource Economics & Project Planning	
6.0 additional credits, as follows: 2.5 additional ERS credits, including 1.0 @ 4000 level 3.5 elective credits of choice, including 2.5 @ 3000-or 4000-level Note: 3.5 of the above credits must be SCIENCE credits	
Recommended Elective Courses	
The following environmental science courses, as well as any of the required course options not taken, are recommended for their specific applicability to students in the Ecological Restoration program. Students are also encouraged to explore other course offerings in the ERS Program, as well as those available across the range of Trent departments.	
2000 and 3000 level credits	4000 level credits
ERSC-CHEM 2610H – Atmospheric Environmental Chemistry	ERSC/ERST 3830Y, 3840H – Community based Research Project
ERSC-CHEM 2620H – Aquatic Environmental Chemistry	ERSC/ERST 4010Y, 4020D – Thesis
BIOL 3050H – Limnology	ERSC-BIOL 4030H – Research Design & Data Analysis
ERST 3080Y – Waste Management	ERSC-GEOG 4040H – Hydrochemical Fluxes in the Hydrosphere
ERST-CAST-POST 3100Y – Public policy & the Canadian Environment	ERSC-BIOL-GEOG 4070H – The Fate of Contaminants in the Aquatic Environment
ERST 3250H – Introduction to Environmental Law	ERSC-BIOL 4240H – Fisheries Assessment & Management
ERSC 3510H – Ecology & Management of Wetland Systems	ERST 4250H – Environmental Law & Regulation
ERSC 3550Y – Pollution Ecology	ERSC 4350H – Climatic Change
ERSC-GEORG 3650H – Soil Management & Conservation	ERST-CAST-HIST 4670H – Environmental History
ERSC/ERST-INDG 3730Y – Indigenous peoples Health & the Environment	ERST 4700Y, 4701Y, ERSC 4702Y – Senior Seminar. Pre-req: minimum average of 75% in ERSC/T courses
	ERST-INDG 4730Y – Sustainable Indigenous Communities
	ERST/ERSC 4800Y – Greening the Campus
	ERST 4810H – Ecological Design

AUGUST 2018
ADDENDUM
 TO THE
MEMORANDUM OF UNDERSTANDING
 BETWEEN
FLEMING COLLEGE
 AND
TRENT UNIVERSITY
 REGARDING THE JOINT DIPLOMA/DEGREE OFFERING OF
ECOLOGICAL RESTORATION TECHNICIAN
 AND
BACHELOR OF SCIENCE (HONOURS), ECOLOGICAL RESTORATION

This Addendum recognizes the changes outlined below and shall become effective as of the September 2018 intake and remain effective until a new agreement is entered into.

Trent University has implemented the following degree requirement changes. These changes specifically refer to Section 6 of the Agreement.

BACHELOR OF SCIENCE (HONOURS), ECOLOGICAL RESTORATION: PROGRAM REQUIREMENTS

Upon entering Trent University in Year 3, students are required to complete the following requirements:

Program Requirements	Courses Granted Through Transfer Equivalency	Courses Students Still Need to Take
1.0 ERST credit consisting of ERST 2100H and 3780H	N/A	ERST 2100H and 3780H
1.0 ERSC credit consisting of ERSC 4520H and 4530H	N/A	ERSC 4520H and 4530H
1.0 ERST credit from ERST 3301H, 3302H, 3311H or 3312H (or ERSC/ERST 3300Y or 3310Y)	N/A	1.0 ERST credit from ERST 3301H, 3302H, 3311H or 3312H (or ERSC/ERST 3300Y or 3310Y)
0.5 ERSC credit from ERSC 3501H or 3502H	N/A	ERSC 3501H or 3502H
1.0 ERSC and/or ERST elective credit at the 4000 level in addition to the above	N/A	1.0 ERSC and/or ERST elective credit at the 4000 level in addition to the above
1.5 ERSC and/or ERST elective credits in addition to the above	N/A	1.5 ERSC and/or ERST elective credits in addition to the above

2.5 additional elective credits at the 3000 level or beyond	N/A	2.5 additional elective credits at the 3000 level or beyond
1.5 additional elective credits	N/A	1.5 additional elective credits
General University Requirements		
20.0 total credits for an Honours degree	10.0 credits assigned through transfer, including: CHEM 1000H and 1010H; ERSC 1010H, 1020H, 2230H, 2240H and 3860H; ERST-INDG 2601Y; GEOG 2090H, 2110H and 3530H; MATH 1051H and 1052H; 0.5 ENGL at the 1000 level; 1.0 Science at the 1000 level; 1.5 Science at the 2000 level	10.0 required above
A minimum of 14.0 science credits, including 1.0 MATH	9.5 assigned through transfer credit, including 1.0 MATH	4.5 additional science credits required
A minimum of 7.0 credits at the 3000 or 4000 level	---	Fulfilled through program requirements
A minimum of 3.0 credits with a grade of 60% leading to majors in a different discipline	Fulfilled through transfer credit	---
Maximum of 7.0 credits at the 1000 level	4.5 assigned through transfer credit	Maximum 2.5 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	ERST-INDG 2601Y	---

APPENDIX C
Ecological Restoration Joint Degree/Diploma
Summary of Transfer Credits and Degree/Diploma Program Completion Requirements
for the class entering Trent in September 2019

Progression Requirements:

In order to progress to Year 3 of the program, students must have passed (50%) all courses in Year 1 and Year 2 and have an average of 70 across all Fleming courses.

Part I: Students successfully completing Years 1 and 2 of the Ecological Restoration degree/diploma program at Fleming College will receive the following transfer credits on their Trent transcript:

Fleming Course	Trent Equivalent/Transfer Credit
SCIE 118 – Environmental Science I	0.5 ERSC 1010H
SCIE 119 – Environmental Science II	0.5 ERSC 1020H
ECOS 27 – Introduction to Ecology	0.5 SCIE-ERS Y2 (serves as pre-req. equivalency for ERSC-BIOL 2260 and precludes taking ERSC-BIOL 2260H)
COMM 137 – Readings in Environment and Restoration	0.5 ENGL @ 1000 level (excludes ENGL-ERST 2705H -- Literature and the Environment)
ECOS 31 – Introduction to Indigenous Environmental Studies: History and Culture	1.0 ERST-INDG 2601Y
ECOS 30 – Introduction to Indigenous Environmental Studies: Culture and the Environment	
SCIE 120 – Introductory Chemistry I	0.5 CHEM 1000H
SCIE 121 – Introductory Chemistry II	0.5 CHEM 1010H
FSTY 75 – Introduction to Plant Community Systematics	0.5 BIOL @ 2000 level
FSTY 50 – Trees and Shrubs of Ontario	
MATH 86 – Math I	0.5 MATH 1051H
MATH 87 – Math II	0.5 MATH 1052H
APST 83 – Restoration Ecology Field Camp	ERSC 3860H
ECOS 13 – Ecosystems Skills	0.5 ERSC 2230H
SCIE 136 – Methods in Environmental Science	0.5 ERSC 2240H
GEOM 36 – Geospatial Techniques	GEOG 2090H
GEOM 21 – GIS Principles	
GEO 21 – Principles of Hydrogeology	GEOG 3530H
COMM 131 – Critical Thinking and Communication	X
MATH 63 – Applied Mathematics in Natural Resource Sciences	X
SCIE 135 – Applied Chemistry in Ecological Restoration	X
ECOS 36 – Ecological Land Classification	0.5 Year 2 ERSC
Successful completion of years 1 and 2	1.0 SCIENCE @ 1000 level
	0.5 SCIENCE @ 2000 level

Part II: To complete the joint degree/diploma in Ecological Restoration, students will have to complete 10 Trent University credits, as follows:

Year 3	Year 4
Required Courses	
Students are referred to the Academic Calendar for university requirements that apply to all degree programs. Specific additional requirements for the B.Sc. (Honours) Ecological Restoration are listed below.	
2.5 credits, as follows:	1.5 credits, as follows:
0.5 ERST-POST 2100H – Environmental Science and Politics	ERSC 4520H – Restoration Ecology
1.0 ERST-PHIL 3300Y-- Environmental Ethics OR ERSC/ERST 3310Y – Environmental and Ecological Risk Assessment	ERSC 4530H – Remediation and Reclamation Of Sites
0.5 ERST 3501H-Environment and Communications : Oral & Visual Presentation OR ERST 3502H-Environment and Communications : Writing & Reporting	At least 0.5 credit in an approved Field Course @ the 3000 or 4000 level
0.5 ERST-ECON-CAST 3780H-Canadian Natural Resource Economics and Project Planning	
6.0 additional credits, as follows: 2.5 additional ERS credits, including 1.0 at the 4000 level 3.5 elective credits of choice, including 2.5 @ the 3000 or 4000 level Note: 4.5 of the above credits must be SCIENCE credits	

Recommended Elective Courses	
The following environmental science courses, as well as any of the required course options not taken, are recommended for their specific applicability to students in the Ecological Restoration program. Students are also encouraged to explore other course offerings in the ERS Program, as well as those available across the range of Trent departments.	
2000 and 3000 level credits	4000 level credits
ERSC-CHEM 2610H-Atmospheric Environmental Chemistry	ERSC/ERST 3830Y, 3840H – Community-Based Research Project
ERSC-CHEM 2620H – Aquatic Environmental Chemistry	ERSC/ERST 4010Y, 4020D – Thesis
BIOL 3050H – Limnology	ERSC-BIOL 4030H – Research Design and Data Analysis
ERST 3080Y – Waste Management	ERSC-GEOG 4040H – Hydrochemical Fluxes in the Hydrosphere
ERST-CAST-POST 3100Y – Public Policy and the Canadian Environment	ERSC-BIOL-GEOG 4070H – The Fate of Contaminants in the Aquatic Environment
ERST 3250H – Introduction to Environmental Law	ERSC-BIOL 4240H – Fisheries Assessment and Management
ERSC 3510H – Ecology and Management of Wetland Systems	ERST 4250H – Environmental Law and Regulation
ERSC 3550Y – Pollution Ecology	ERSC 4350H – Climatic Change
ERSC-GEOG 3650H – Soil Management and Conservation	ERST-CAST-HIST 4670H – Environmental History
ERSC/ERST-INDG 3730Y – Indigenous Peoples Health and the Environment	ERST 4700Y, 4701Y, ERSC 4702Y-Senior Seminar. Pre-requisite: minimum average of 75% in ERSC/T courses
	ERST-INDG 4730Y – Sustainable Indigenous Communities
	ERST/ERSC 4800Y – Greening the Campus
	ERST 4810H – Ecological Design

APPENDIX D:
Ecological Restoration Joint Degree/Diploma
Summary of Transfer Credits and Degree/Diploma Program Completion Requirements
for the class entering Trent in September 2020

Progression Requirements:

In order to progress to Year 3 of the program, students must have passed (50%) all courses in Year 1 and Year 2 and have an average of 70 across all Fleming courses.

Part I: Students successfully completing Years 1 and 2 of the Ecological Restoration degree/diploma program at Fleming College will receive the following transfer credits on their Trent transcript:

Fleming Course	Trent Equivalent/Transfer Credit
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SCIE 119 – Environmental Science II	0.5 ERSC 1020H
ECOS 27 – Introduction to Ecology	0.5 SCIE-ERS Y2 (serves as pre-req. equivalency for ERSC-BIOL 2260 and precludes taking ERSC-BIOL 2260H)
COMM 137 – Readings in Environment and Restoration	0.5 ENGL @ 1000 level (excludes ENGL-ERST 2705H -- Literature and the Environment)
ECOS 31 – Introduction to Indigenous Environmental Studies: History and Culture	1.0 ERST-INDG 2601Y
ECOS 30 – Introduction to Indigenous Environmental Studies: Culture and the Environment	
SCIE 120 – Introductory Chemistry I	0.5 CHEM 1000H
SCIE 121 – Introductory Chemistry II	0.5 CHEM 1010H
FSTY 75 – Introduction to Plant Community Systematics	0.5 BIOL @ 2000 level
FSTY 50 – Trees and Shrubs of Ontario	
MATH 86 – Math I	0.5 MATH 1051H
MATH 87 – Math II	0.5 MATH 1052H
APST 83 – Restoration Ecology Field Camp	ERSC 3860H
ECOS 13 – Ecosystems Skills	0.5 ERSC 2230H
SCIE 136 – Methods in Environmental Science	0.5 ERSC 2240H
GEOM 122 – Geospatial Data Techniques	GEOG 2090H
GEOM 21 – GIS Principles	
GEOL 21 – Principles of Hydrogeology	GEOG 3530H
COMM 131 – Critical Thinking and Communication	X
MATH 63 – Applied Mathematics in Natural Resource Sciences	X
SCIE 135 – Applied Chemistry in Ecological Restoration	X
ECOS 36 – Ecological Land Classification	0.5 Year 2 ERSC
Successful completion of years 1 and 2	1.0 SCIENCE @ 1000 level
	0.5 SCIENCE @ 2000 level

Part II: To complete the joint degree/diploma in Ecological Restoration, students will have to complete 10 Trent University credits, as follows:

Year 3	Year 4
Required Courses	
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1.0 ERST-PHIL 3300Y- Environmental Ethics OR ERSC/ERST 3310Y – Environmental and Ecological Risk Assessment	ERSC 4530H – Remediation and Reclamation of Sites
0.5 ERST 3501H - Environment and Communications : Oral & Visual Presentation OR ERST 3502H-Environment & Communications : Writing & Reporting	At least 0.5 credit in an approved Field Course @ the 3000 or 4000 level
0.5 ERST-ECON-CAST 3780H - Canadian Natural Resource Economics and Project Planning	
6.0 additional credits, as follows: 2.5 additional ERS credits, including 1.0 at the 4000 level 3.5 elective credits of choice, including 2.5 @ the 3000 or 4000 level Note: 4.5 of the above credits must be SCIENCE credits	
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BIOL 3050H – Limnology	ERSC-BIOL 4030H – Research Design and Data Analysis
ERST 3080Y – Waste Management	ERSC-GEOG 4040H – Hydrochemical Fluxes in the Hydrosphere
ERST-CAST-POST 3100Y – Public Policy and the Canadian Environment	ERSC-BIOL-GEOG 4070H – The Fate of Contaminants in the Aquatic Environment
ERST 3250H – Introduction to Environmental Law	ERSC-BIOL 4240H – Fisheries Assessment and Management
ERSC 3510H – Ecology and Management of Wetland Systems	ERST 4250H – Environmental Law and Regulation
ERSC 3550Y – Pollution Ecology	ERSC 4350H – Climatic Change
ERSC-GEOG 3650H – Soil Management and Conservation	ERST-CAST-HIST 4670H – Environmental History
ERSC/ERST-INDG 3730Y – Indigenous Peoples Health and the Environment	ERST 4700Y, 4701Y, ERSC 4702Y-Senior Seminar. Pre-requisite: minimum average of 75% in ERSC/T courses
	ERST-INDG 4730Y – Sustainable Indigenous Communities
	ERST/ERSC 4800Y – Greening the Campus
	ERST 4810H – Ecological Design