Fleming College

TRENT UNIVERSITY

ARTICULATION AGREEMENT:

ONTARIO COLLEGE ADVANCED DIPLOMA IN ECOSYSTEM MANAGEMENT TECHNOLOGY

TO

BACHELOR OF ARTS, (HONOURS), INDIGENOUS ENVIRONMENTAL STUDIES

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY

AND

TRENT UNIVERSITY

ORIGINAL AGREEMENT DATE: SEPTEMBER, 2021

The Sir Sandford Fleming College of Applied Arts and Technology's

Ontario College Advanced Diploma in Ecosystem Management Technology

to

Trent University's

Bachelor of Arts (Honours), Indigenous Environmental Studies

This agreement establishes the principles, guidelines and procedures governing admission and assessment of selected qualified students to enter Trent University on an advanced standing basis, subsequent to the successful completion of the Ontario College Advanced Diploma in Ecosystem Management Technology at The Sir Sandford Fleming College of Applied Arts and Technology (Fleming College).

1. PURPOSE

1.1. The purpose of this agreement is to provide qualified graduates of Fleming College's Ecosystem Management Technology Advanced Diploma program with a seamless option for continuing their education in the Indigenous Environmental Studies degree program at Trent University.

2. ROLES AND RESPONSIBILITIES

2.1. Student Supports
Trent's program faculty will support incoming students by providing them with relevant information related to their program.

2.2. Admissions
The Admissions Office at Trent University will be responsible for ensuring that eligible students will be awarded credit transfers as stated in said agreement.

2.3. Recruitment and Marketing
Recruitment and Marketing representatives at Trent University will be responsible for promoting the articulation pathway and recruiting students.

2.4. Students
Through communication with program faculty and orientation sessions, students will be advised to consult academic advisors to ensure they are successfully completing program requirements.

3. TERMS AND CONDITIONS OF THE AGREEMENT

3.1. Graduates of Fleming College's Ecosystem Management Technology Advanced Diploma program will be granted 10.0 credits towards a 20.0 credit Bachelor of Arts (Honours) in Indigenous Environmental Studies at Trent University.

3.2 Upon successful admission to Trent University, students are required to complete an additional 10.0 credits to meet degree requirements.

3.3 Students who have graduated from Fleming College's Ecosystem Management Technology Advanced Diploma program, who commenced studies since Fall 2017, will be awarded the full 10.0 transfer credits provided they meet admission requirements under Article 4 of this agreement. Students

commencing studies prior to this term will be evaluated for transfer credits on a course-by-course basis.

4. ADMISSION REQUIREMENTS

4.1. To qualify for this agreement, students must have:
- successfully completed Fleming College's Ecosystem Management Technology Advanced Diploma;
- a minimum overall average of 75%.

4.2. Students must meet all specific admission and enrollment standards, and requirements for the program and will be accepted subject to capacity if applicable.

5. TRANSFER OF CREDITS

5.1. Students who are eligible, graduating from Fleming College's Ecosystem Management Technology Advanced Diploma program with a minimum average of 75%, will be granted 10.0 credits towards the successful completion of a 20.0 credit Bachelor of Arts (Honours) in Indigenous Environmental Studies at Trent University. Credits will be transferred as follows:

Course equivalencies at Trent University	Credits received
ERSC 1010H – Environmental Science and Sustainability	0.5
ERSC 1020H – Cases in Environment and Sustainability	0.5
ERSC-GEOG-BIOL 2080H – Natural Science Statistics	0.5
ERSC-GEOG 2090H – Introduction to Geographical Information Systems	0.5
ERSC 2240H – Ecological Assessment for Natural Resource Management	0.5
ERSC-BIOL 2260H – Introductory Ecology	0.5
ERST-CAST 2520H – Natural Resource Management: Theory and Comparative Cases	0.5
ERST-CAST 2525H – Critical Environmental Thinking: Political Economy and Policy Process	0.5
ERSC 4520H – Restoration Ecology	0.5
BIOL 1020H – Foundations of Biodiversity	0.5
INDG 1001H – The Foundation for Reconciliation	0.5
WRIT 1001H – Write in Time	0.5
1.0 unassigned Environmental and Resource Science credit at the 3000 level	1.0
1.0 unassigned Science credit at the 1000 level	1.0
2.0 unassigned Science credits at the 2000 level	2.0

5.2. As these credits recognize areas covered in Fleming College's Ecosystem Management Technology Advanced Diploma program rather than the completion of Trent University courses, numerical grades will not be recorded on the Trent transcript. Completion of these credits will be recognized with a pass grade.

6. PROGRAM AND GRADUATION REQUIREMENTS

6.1. Upon admission to the Bachelor of Arts (Honours) at Trent, students must satisfy all general education, graduation and major requirements as outlined in the University's undergraduate calendar. If a student does not have the foundation or skills to enroll in an upper level course because of a lack of the appropriate introductory course(s), any necessary prerequisite course(s) will be required.

6.2. If a student transfers to a different degree program, all transfer credits outlined in this agreement may not apply to the new degree program. It is the student's responsibility to consult an academic advisor, and to notify the Registrar's Office of any program changes.

6.3. To satisfy the requirements of Trent's Bachelor of Arts (Honours) in Indigenous Environmental Studies, students will need to complete specific courses to meet program requirements in addition to the courses they have already been granted from Fleming College. Program requirements are subject to change annually and the Academic Calendar should be consulted for all degree requirements and regulations. www.trentu.ca/calendar.

Program Requirements	Courses Granted Through Transfer Equivalency	Courses Students Still Need to Take
5.5 IESS credits consisting of IESS 1001H, 2601Y, 3631H, 3632H, 3731H, 3732H, 4730Y, 4741H and 4742H	---	IESS 1001H, 2601Y, 3631H, 3632H, 3731H, 3732H, 4730Y, 4741H and 4742H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H and 1020H	---
2.0 INDG credits consisting of INDG 1001H, 1002H and 3813Y	INDG 1001H	INDG 1002H and 3813Y
0.5 credit from BIOL-ERSC 2260H, ERSC 2240H, or ERSC-BIOL 2701H	ERSC 2240H	---
1.0 ERST and/or ERSC credit at the 3000 level or beyond in addition to the above	1.0 unassigned ERSC 3000 level	---
0.5 ERST, ERSC, or INDG credit in addition to the above	ERSC 4520H	---
9.5 additional credits	BIOL 1020H; ERSC-BIOL 2260H; ERSC-GEOG-BIOL 2080H; ERSC-GEOG 2090H; ERST-CAST 2520H and 2525H; WRIT 1001H; 1.0 unassigned SCIE 1000 level; 2.0 unassigned SCIE 2000 level	3.0 additional credits
General University Requirements		
A minimum of 7.0 credits at the 3000 or 4000 level	1.5 assigned through transfer credit	5.0 required above; Minimum 0.5 additional required
A minimum of 3.0 credits with a grade of 60% leading to majors in different disciplines	Fulfilled through transfer credit	---
Maximum of 7.0 credits at the 1000 level	3.5 assigned through transfer credit	1.0 required above; Maximum 2.5 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

6.4. Students progressing through this pathway have the opportunity to complete the Bachelor of Science (Honours) in Indigenous Environmental Science, however the completion of more than 10.0 credits at

Trent University will be required in order to meet the number of science credits required to meet general university standards.

6.5. To complete the program in two academic years, students progressing through this agreement will be allowed to enroll concurrently in IESS 2601Y and IESS 3731H/3732H, or IESS 3731H/3732H and 4741H/4742H.

6.6. Completion of required courses will vary on an individual basis based on the flexibility and course options within the Bachelor of Arts (Honours) degree and specific program chosen. Students must achieve the following to fulfill Trent University degree requirements:

i. A maximum of 7.0 credits at the 1000 level can count towards the degree;
ii. A maximum of 1.0 credit with a D grade (50-59%) in courses in a major or each joint-major or minor;
iii. At least 0.5 credit from the Approved Indigenous Course List;
iv. 7.0 credits completed at the 3000 or 4000 level through both program requirements and general elective options;
v. An overall minimum average of 65% in Trent University courses to obtain an Honours degree;
vi. The maximum credits in a discipline that can count towards the degree is 13.0 (Honours degree).

Note: It is recommended that students transferring into the Bachelor of Arts (Honours) in Indigenous Environmental Studies meet with an Academic Advisor at Trent University prior to completing any course selections.

7. IMPLEMENTATION AND REVIEW

This agreement is subject to review whenever either party makes curricular changes that impact the agreement. When a change occurs, the program departments will notify their respective articulation designates so that the agreement can be updated. Articulation designates at each institution will review the agreement annually to ensure it is current. This Agreement may be terminated by either party. In this case, notice of one year 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.

8. ACCEPTANCE OF AGREEMENT

We, the undersigned, as the representatives of Trent University and The Sir Sandford Fleming College of Applied Arts and Technology hereby demonstrate our commitment to full implementation of the Agreement.

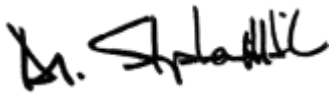
For, and on behalf of,
Trent University



Dr. Mark Skinner
Dean of Humanities and Social Sciences

September 23, 2021
Date

For, and on behalf of,
The Sir Sandford Fleming College of Applied Arts and Technology



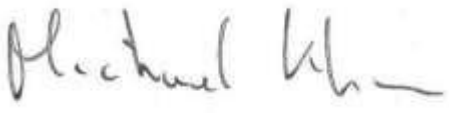
Dr. Stephanie Dimech
Vice President, Academic Experience and Chief Learning Officer

September 28, 2021
Date



Dr. Holger Hintelmann
Dean of Science

September 23, 2021
Date



Dr. Michael Khan
Provost & Vice-President Academic

September 27, 2021
Date

ADDENDUM RECORD FOR ARTICULATION AGREEMENT #5721

- **AUGUST 2023:**
  - Updated transfer credit block to reflect new equivalencies and to better align with the Ecosystem Management Technician Diploma agreement (#5761);
  - Updated degree requirement chart to reflect the new transfer credit block.

- **OCTOBER 2024:**
  - Notice that the Ecosystem Management Technology Advanced Diploma program has been suspended at Fleming College as of Fall 2024.

- **AUGUST 2026:**
  - Updated transfer credit block to reflect updated equivalencies at Trent University;
  - Updated degree requirement chart to reflect the updated transfer credit block.

AUGUST 2023

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5721

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S
ONTARIO COLLEGE ADVANCED DIPLOMA IN ECOSYSTEM MANAGEMENT TECHNOLOGY

AND

TRENT UNIVERSITY'S
BACHELOR OF ARTS (HONOURS), INDIGENOUS ENVIRONMENTAL STUDIES

This Addendum recognizes the changes outlined below, which shall become effective as of the Fall 2023 intake at Trent University. These changes will remain effective until the above-mentioned Agreement expires or until a new agreement is entered in to, whichever occurs first.

The following changes have occurred:

- Updated transfer credit block to reflect new equivalencies and to better align with the Ecosystem Management Technician Agreement (#5761);
- Updated degree requirement chart to reflect new transfer credit block.

These changes specifically refer to Sections 5 and 6 of the Agreement.

BACHELOR OF ARTS (HONOURS), INDIGENOUS ENVIRONMENTAL STUDIES: TRANSFER CREDITS

Students graduating from Fleming College's Ecosystem Management Technology Advanced Diploma program with a minimum overall average of 75%, who are eligible, will be granted 10.0 credits toward the successful completion of a 20.0 credit Bachelor of Arts (Honours) in Indigenous Environmental Studies.

Courses Completed at Fleming College	Course Equivalencies at Trent University	# of Credits Received
ENVR 20 – Ecology and Environment (60 hours)	ERSC 1010H – Environmental Science and Sustainability	0.5
MATH 25 – Statistics (45 hours)	ERSC-GEOG-BIOL 2080H – Natural Science Statistics	0.5
GEOL 83 – Earth and Atmosphere (60 hours); GEOM 163 – Fundamentals of Geomatics (45 hours)	ERSC 2090H – Introduction to Geographical Information Systems	0.5
ECOS 3 – Aquatic Ecosystems (60 hours); ECOS 11 – Terrestrial Ecosystems (45 hours)	ERSC-BIOL 2260H – Introductory Ecology	0.5
FSTY 73 – Forestry Measurement (45 hours); ECOS 7 – Ecosystem Monitoring and Assessment (45 hours)	ERSC 2240H – Ecological Assessment for Natural Resource Management	0.5
NATR 129 – Soil and Ecosystems (45 hours)	ERSC-GEOG 3560H – Soil Science	0.5
ECOS 10 – Restoration Ecology (45 hours); ECOS 14 – Ecology: Concepts and Linkages (60 hours)	ERSC 4520H – Restoration Ecology	0.5
FSTY 54 – Urban and Regional Planning (45 hours)	ERST-GEOG-CAST 3711H – Urban and Regional Planning	0.5
ECOS 13 – Field Skills (60 hours)	BIOL 1020H – Foundations of Biodiversity	0.5

FSTY 50 – Trees and Shrubs of Ontario (60 hours)	BIOL 3190H – Wild Plants of Ontario	0.5
INDG 49 – Introduction to Indigenous Studies (45 hours)	INDG 1001H – The Foundation of Reconciliation	0.5
COMM 201 – Communications I (45 hours)	WRIT 1001H – Write in Time	0.5
COMM 202 – Communications II (45 hours)	WRIT 2002H – Write It Up: Effective Communication	0.5
ECOS 12 – Urban Ecosystems (45 hours)	0.5 unassigned Environmental and Resource Science credit at the 2000 level	0.5
FIWI 14 – Habitat Assessment (45 hours)	0.5 unassigned Environmental and Resource Science credit at the 2000 level	0.5
LAWS 56 – Natural Resources Law (30 hours)	0.5 unassigned Environmental and Resource Studies credit at the 2000 level	0.5
LAWS 70 – Resource and Environmental Economics (45 hours)	0.5 unassigned Environmental and Resource Studies credit at the 2000 level	0.5
GEOM 3 – Applications of GIS in Natural Resources (45 hours)	0.5 unassigned Geography credit at the 2000 level	0.5
Completion of all other program components	ERSC 1020H – Cases in Environment and Sustainability; 0.5 unassigned Environmental and Resource Science credit at the 3000 level	1.0

BACHELOR OF ARTS (HONOURS), INDIGENOUS ENVIRONMENTAL STUDIES: PROGRAM REQUIREMENTS

Program Requirements	Courses Granted Through Transfer Equivalency	Courses Students Still Need to Take
5.5 IESS credits consisting of IESS 1001H, 2601Y, 3631H, 3632H, 3731H and 3732H (or 3730Y), 4730Y, and 4740Y	---	IESS 1001H, 2601Y, 3631H, 3632H, 3731H and 3732H (or 3730Y), 4730Y, and 4740Y
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H and 1020H	---
2.0 INDG credits consisting of INDG 1001H, 1002H, and 3813Y	INDG 1001H	INDG 1002H and 3813Y
0.5 credit from BIOL-ERSC 2260H, ERSC 2240H, or ERSC-BIOL 2701H	BIOL-ERSC 2260H	---
1.0 ERST and/or ERSC credit at the 3000 level or beyond in addition to the above	ERSC-GEOG 3560H; ERSC 4520H	---
0.5 ERST, ERSC or INDG credit in addition to the above	ERSC-GEOG-BIOL 2080H	---
9.5 additional credits	ERSC 2090H and 2240H; ERST-GEOG-CAST 3711H; BIOL 1020H and 3190H; WRIT 1001H and 2002H; 1.0 unassigned ERSC 2000 level; 1.0 unassigned ERST 2000 level; 0.5 unassigned GEOG 2000 level; 0.5 unassigned ERSC 3000 level	3.0 additional credits
General University Requirements		
A minimum of 7.0 credits at the 3000 or 4000 level	2.0 assigned through transfer credit	Fulfilled through degree 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	2.5 assigned through transfer credit	0.5 required above; Maximum 4.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

OCTOBER 2024

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5721

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S ECOSYSTEM MANAGEMENT TECHNOLOGY ADVANCED DIPLOMA

AND

TRENT UNIVERSITY'S BACHELOR OF ARTS (HONOURS), INDIGENOUS ENVIRONMENTAL STUDIES

This Addendum recognizes the changes outlined below, which shall become effective as of the Fall 2024 intake at Fleming College. These changes will remain effective until the above-mentioned Agreement expires or until a new agreement is entered in to, whichever occurs first.

The following changes have occurred:

- Fleming College has suspended the Ecosystem Management Technology Advanced Diploma program. Graduates of the program will still be eligible for the terms of this agreement as per outlined in the original agreement, as well as subsequent addendums.

AUGUST 2026

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5721

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S
ONTARIO COLLEGE ADVANCED DIPLOMA IN ECOSYSTEM MANAGEMENT TECHNOLOGY

AND

TRENT UNIVERSITY'S
BACHELOR OF ARTS (HONOURS), INDIGENOUS ENVIRONMENTAL STUDIES

This Addendum recognizes the changes outlined below, which shall become effective as of the Fall 2026 intake at Trent University. These changes will remain effective until the above-mentioned Agreement expires or until a new agreement is entered in to, whichever occurs first.

The following changes to the Agreement have occurred:

- Updated transfer credit block to reflect updated equivalencies at Trent University;
- Updated degree requirement chart to reflect the updated transfer credit block.

These changes specifically refer to Sections 5 and 6 of the Agreement.

5.1. TRANSFER CREDITS AWARDED:

Students graduating from Fleming College's Ecosystem Management Technology Advanced Diploma program with a minimum overall average of 75%, who are eligible, will be granted 10.0 credits toward the successful completion of a 20.0 Bachelor of Arts (Honours) in Indigenous Environmental Studies.

Courses Completed at Fleming College	Course Equivalencies at Trent University	Credit Weight
ENVR 20 – Ecology and Environment (60 hours)	ERSC 1010H – Environmental Science and Sustainability	0.5
MATH 25 – Statistics (45 hours)	ERSC-GEOG-BIOL 2080H – Natural Science Statistics	0.5
GEOL 83 – Earth and Atmosphere (60 hours); GEOM 163 – Fundamentals of Geomatics (45 hours)	ERSC 2090H – Introduction to Geographical Information Systems	0.5
FSTY 73 – Forestry Measurement (45 hours); ECOS 7 – Ecosystem Monitoring and Assessment (45 hours)	ERSC 2240H – Ecological Assessment for Natural Resource Management	0.5
ECOS 3 – Aquatic Ecosystems (60 hours); ECOS 11 – Terrestrial Ecosystems (45 hours)	ERSC-BIOL 2260H – Introductory Ecology	0.5
NATR 41 – Soil Studies I (21 hours); NATR 83 – Soil Studies II (21 hours)	ERSC 3560H – Soil Science	0.5
NATR 8 – Skills for Stewardship and Sustainability (45 hours)	ERST 3000H – Environmental Professional Practice	0.5
FSTY 54 – Urban and Regional Planning (45 hours)	ERST-GEOG-CAST 3711H – Urban and Regional Planning	0.5
ECOS 12 – Urban Ecosystems (45 hours)	ERST 3790H – Exploring the City	0.5
ECOS 13 – Field Skills (60 hours)	BIOL 1020H – Foundations of Biodiversity	0.5
FSTY 50 – Trees and Shrubs of Ontario (60 hours)	BIOL 3190H – Wild Plants of Ontario	0.5
INDG 49 – Introduction to Indigenous Studies (45 hours)	INDG 1001H – The Foundation for Reconciliation	0.5
NATR 129 – Soil and Ecosystems (45 hours)	0.5 unassigned Environmental and Resource Science credit at the 3000 level	0.5

ECOS 14 – Ecology: Concepts and Linkages (60 hours); ECOS 10 – Restoration Ecology (45 hours)	0.5 unassigned Environmental and Resource Science credit at the 4000 level	0.5
LAWS 56 – Natural Resources Law (30 hours)	0.5 unassigned Environmental and Resource Studies credit at the 2000 level	0.5
LAWS 70 – Resource and Environmental Economics (45 hours)	0.5 unassigned Environmental and Resource Studies credit at the 2000 level	0.5
FIWI 14 – Habitat Assessment (45 hours)	0.5 unassigned Biology credit at the 2000 level	0.5
GEOM 122 – Geospatial Data Techniques (90 hours)	0.5 unassigned Geography credit at the 2000 level	0.5
Completion of all program components	ERSC 1020H – Cases in Environment and Sustainability; 0.5 unassigned Environmental and Resource Science credit at the 3000 level	1.0

6.3. BACHELOR OF ARTS (HONOURS), INDIGENOUS ENVIRONMENTAL STUDIES: PROGRAM REQUIREMENTS

To satisfy the requirements of Trent University's Bachelor of Arts (Honours) in Indigenous Environmental Studies, students will need to complete specific courses to meet program requirements in addition to the courses they have already been granted from Fleming College. Program requirements are subject to change annually and the Academic Calendar should be consulted for all degree requirements and regulations.
http://www.trentu.ca/calendar.

Program Requirements	Courses Granted Through Transfer Equivalency	Courses Students Still Need to Take
5.5 IESS credits consisting of IESS 1001H, 2601Y, 3631H, 3632H, 3731H and 3732H (or 3730Y), 4730Y, and 4740Y	---	IESS 1001H, 2601Y, 3631H, 3632H, 3731H and 3732H (or 3730Y), 4730Y, and 4740Y
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H and 1020H	---
2.0 INDG credits consisting of INDG 1001H, 1002H, and 3813Y	INDG 1001H	INDG 1002H and 3813Y
0.5 credit from BIOL-ERSC 2260H, ERSC 2240H, or ERSC-BIOL 2701H	BIOL-ERSC 2260H	---
1.0 ERST and/or ERSC credit at the 3000 level or beyond in addition to the above	ERSC-GEOG 3560H; ERST 3000H	---
0.5 ERST, ERSC or INDG credit in addition to the above	ERSC-GEOG-BIOL 2080H	---
9.5 additional credits	ERSC 2090H and 2240H; ERST 3711H and 3790H; BIOL 1020H and 3190H; 1.0 unassigned ERSC 3000 level; 0.5 unassigned ERSC 4000 level; 1.0 unassigned ERST 2000 level; 0.5 unassigned BIOL 2000 level; 0.5 unassigned GEOG 2000 level	3.0 additional credits
General University Requirements		
A minimum of 7.0 credits at the 3000 or 4000 level	4.0 assigned through transfer credit	Fulfilled through degree 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	2.0 assigned through transfer credit	1.0 required for major; Maximum 4.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---