

**Fleming College**



**ARTICULATION AGREEMENT:  
FORESTRY TECHNICIAN  
To  
ENVIRONMENTAL & RESOURCE SCIENCE**

**BETWEEN**

**THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS  
AND TECHNOLOGY (FLEMING COLLEGE)**

**AND**

**TRENT UNIVERSITY**

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**ORIGINAL AGREEMENT DATE: FEBRUARY 2019**

**Fleming College's**  
Forestry Technician Diploma

to

**Trent University's**  
Bachelor of Science (Honours) in Environmental and Resource Science

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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 Fleming College's Forestry Technician Diploma.

**1. PURPOSE**

- 1.1. The purpose of this agreement is to provide qualified graduates of Fleming College's Forestry Technician Diploma program with a seamless option for continuing their education in the Bachelor of Science (Honours) in Environmental and Resource Science degree program at Trent University.

**2. ROLES AND RESPONSIBILITIES**

2.1. Student Supports

Trent University'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 Forestry Technician Diploma will be granted 7.0 credits towards a 20.0 credit Bachelor of Science (Honours) in Environmental and Resource Science at Trent University.
- 3.2 Upon successful admission to Trent University, students are required to complete an additional 13.0 credits to meet degree requirements.
- 3.3 Students who have graduated from Fleming College's Forestry Technician diploma program, who commenced studies since Fall 2018, will be awarded the full 7.0 transfer credits provided they meet Admission Requirements under Article 4.

#### 4. **ADMISSION REQUIREMENTS**

4.1. To qualify for this agreement, students must have:

- successfully completed Fleming College’s Forestry Technician Diploma; and
- 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 Forestry Technician Diploma program with a minimum average of 75%, will be granted 7.0 credits towards the successful completion of a 20.0 credit Bachelor of Science (Honours) in Environmental and Resource Science at Trent University. Credits will be transferred as follows:

Students who have met the above conditions and enrolled in Fleming College’s Forestry Technician diploma program between 2015 and 2017 will receive the following transfer credits.

<b>Courses completed at Fleming College</b>	<b>Course equivalencies at Trent University</b>	<b>Credits received</b>
ENVR 20 – Ecology and Environment (60 hours)	ERSC 1010H – Environmental Science and Sustainability	0.5
NATR 41 – Soil Studies I (21 hours) NATR 85 – Soil Studies II (21 hours)	ERSC-GEOG 3560H – Soil Science	0.5
ECOS 13 – Ecosystem Skills (60 hours)	BIOL 1020H – Foundations of Biodiversity	0.5
FSTY 50 – Trees and Shrubs of Ontario (60 hours)	BIOL 3190H – Plants of Ontario	0.5
GEOM 36 – Geospatial Techniques (45 hours)	GEOG 2110H – Methods for Physical Geographers	0.5
GNEI 49 – Introduction to Indigenous Studies (45 hours)	INDG 1001H – Foundations of Indigenous	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
Completion of all other program requirements	ERSC 1020H – Cases in Environment and Sustainability ERSC 2240H – Ecological Assessment for Natural Resource Management ERSC 3200Y – Management of Forest Ecosystems 1.0 unassigned ERSC credit at the 2000 level	3.0

Students who have met the above conditions and enrolled in Fleming College’s Forestry Technician diploma program beginning in 2018 or later will receive the following transfer credits.

Courses completed at Fleming College	Course equivalencies at Trent University	Credits received
ENVR 20 – Ecology and Environment (60 hours)	ERSC 1010H – Environmental Science and Sustainability	0.5
NATR 41 – Soil Studies I (21 hours) NATR 83 – Soil Studies II (21 hours)	ERSC-GEOG 3560H – Soil Science	0.5
ECOS 13 – Ecosystem Skills (60 hours)	BIOL 1020H – Foundations of Biodiversity	0.5
FSTY 50 – Trees and Shrubs of Ontario (60 hours)	BIOL 3190H – Plants of Ontario	0.5
GEOG 122 – Geospatial Data Techniques (90 hours)	GEOG 2090H - Introduction to Geographical Information Systems	0.5
GNED 49 – Introduction to Indigenous Studies (45 hours)	INDG 1001H – Foundations of Indigenous	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
Completion of all other program requirements	ERSC 1020H – Cases in Environment and Sustainability ERSC 2240H – Ecological Assessment for Natural Resource Management ERSC 3200Y – Management of Forest Ecosystems 1.0 unassigned ERSC credit at the 2000 level	3.0

5.2. As these credits recognize areas covered in Fleming College’s Forestry Technician Diploma program rather than one-to-one course equivalents, 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 Science (Honours) in Environmental and Natural Resource Science at Trent University, 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 Science (Honours) in Environmental and Resource Science, 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](http://www.trentu.ca/calendar).

Degree requirements for students who began their Forestry Technician studies between 2015 and 2017.

Program Requirements	Courses Granted Through Transfer Equivalency	Courses Students Still Need to Take
3.0 ERSC credits consisting of ERSC 1010H AND 1020H (or 1000Y), 2080H, 2220H, 2230H and 2240H	ERSC 1010H, 1020H and 2240H	ERSC 2080H, 2220H and 2230H
0.5 ERST credit consisting of ERST 3000H	---	ERST 3000H
2.0 additional ERSC credits from Category A	ERSC-GEOG 3560H	1.5 additional ERSC credits from Category A
1.0 additional ERSC/T credit from Category B	ERSC 3200Y	---
0.5 additional ERST credit from Category C	---	0.5 additional ERST credit from Category C
1.0 ERSC/T credit from Category D	---	1.0 ERSC/T credit from Category D
2.0 ERSC/T credits at the 3000 level or beyond in addition to the above	---	2.0 ERSC/T credits at the 3000 level or beyond in addition to the above
10.0 additional credits	1.0 ERSC credit at the 2000 level; BIOL 1020H and 3190H; GEOG 2110H; INDG 1001H; WRIT 1001H and 2002H	6.0 additional credits
<b>General Degree Requirements</b>		
A minimum of 14.0 science credits, including 1.0 MATH credit	5.5 assigned through transfer credit	Minimum 3.0 required above; an additional 5.5 required, including 1.0 MATH credit
A minimum of 7.0 credits at the 3000 or 4000 level	2.0 assigned through transfer credit	Minimum 3.5 required above; an additional 1.5 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	2.5 assigned through transfer credit	Maximum 4.5 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

**Note:** The above requirements are specified for the B.Sc. (Hons) program. Transfer students from the above diploma program may also pursue a B.A. (Hons) in ERST and are referred to the academic calendar and/or departmental advisor to confirm degree completion requirements.

Degree requirements for students who began their Forestry Technician studies in 2018 or later.

Program Requirements	Courses Granted Through Transfer Equivalency	Courses Students Still Need to Take
3.0 ERSC credits consisting of ERSC 1010H AND 1020H (or 1000Y), 2080H, 2220H, 2230H and 2240H	ERSC 1010H, 1020H and 2240H	ERSC 2080H, 2220H and 2230H
0.5 ERST credit consisting of ERST 3000H	---	ERST 3000H
2.0 additional ERSC credits from Category A	GEOG-ERSC 2090H ERSC-GEOG 3560H	1.0 additional ERSC credits from Category A
1.0 additional ERSC/T credit from Category B	ERSC 3200Y	---
0.5 additional ERST credit from Category C	---	0.5 additional ERST credit from Category C
1.0 ERSC/T credit from Category D	---	1.0 ERSC/T credit from Category D
2.0 ERSC/T credits at the 3000 level or beyond in addition to the above	---	2.0 ERSC/T credits at the 3000 level or beyond in addition to the above
10.0 additional credits	1.0 ERSC credit at the 2000 level; BIOL 1020H and 3190H; INDG 1001H; WRIT 1001H and 2002H	6.5 additional credits
<b>General Degree Requirements</b>		
A minimum of 14.0 science credits, including 1.0 MATH credit	5.5 assigned through transfer credit	Minimum 3.0 required above; 5.5 credits are required in addition to the dictated ERSC/ERST credits for the program of these credits 1.0 credit must be a MATH credit
A minimum of 7.0 credits at the 3000 or 4000 level	2.0 assigned through transfer credit	Minimum 3.5 required above; 1.5 credits are required in addition to the dictated ERSC/ERST credits for the program
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	2.5 assigned through transfer credit	Maximum 4.5 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

**Note:** The above requirements are specified for the B.Sc. (Hons) program. Transfer students from the above diploma program may also pursue a B.A. (Hons) in ERST and are referred to the academic calendar and/or departmental advisor to confirm degree completion requirements.

6.4. Completion of required courses will vary on an individual basis based on the flexibility and course options within the Bachelor of Science (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;
- ii. A minimum of 7.0 credits completed at the 3000 or 4000 level through both program requirements and general elective options;
- iii. An overall minimum average of 65% in Trent University courses to obtain an Honours degree;
- iv. A minimum of 0.5 credit from the Approved Indigenous Course List; and
- v. A minimum of 14.0 science credits (including 1.0 Math credit).

Note: It is recommended that students transferring into the Bachelor of Science (Honours) in Environmental and Resource Science or Bachelor of Arts (Honours) in Environmental and Resource 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

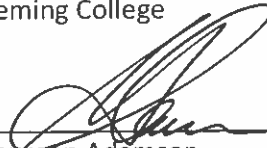
We, the undersigned, as the representatives of Trent University and Fleming College hereby demonstrate our commitment to full implementation of the agreement.

For, and on behalf of,  
Trent University



Dr. Holger Hintelmann  
Dean, Arts and Science - Science

For, and on behalf of,  
Fleming College



Maureen Adamson  
President

Date

4/3/19

Date

Mar 15, 2015

Dr. Jacqueline Muldoon  
Provost & Vice-President Academic

Date