Fleming College

TRENT UNIVERSITY

ARTICULATION AGREEMENT:

CONSERVATION BIOLOGY PATHWAY

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY

AND

TRENT UNIVERSITY

ORIGINAL AGREEMENT DATE: APRIL, 2021

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

Ontario College Diploma in Conservation Biology

to

Trent University's

Bachelor of Science (Honours) in Conservation Biology
Bachelor of Science (Honours) in Biology, with the option to pursue a Specialization in Conservation Biology

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 Diploma in Conservation Biology 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 Conservation Biology Diploma program with a seamless option for continuing their education in the Conservation Biology 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 Conservation Biology Diploma will be granted 6.5 credits towards a 20.0 credit Bachelor of Science (Honours) in Conservation Biology at Trent University or a 20.0 credit Bachelor of Science (Honours) in Biology with optional Specialization in Conservation Biology.

3.2 Upon successful admission to Trent University, students are required to complete an additional 13.5 credits to meet degree requirements.

3.3 Students who have graduated from Fleming College's Conservation Biology Diploma, who commenced studies since Fall 2019, will be awarded the full 6.5 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 Conservation Biology 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.

4.3. Admission to the Bachelor of Science (Honours) in Conservation Biology is competitive. As a result, meeting the terms of this agreement does not guarantee admission to the program. Students meeting the terms of this agreement who do not gain entry to Conservation Biology are eligible to pursue a Bachelor of Science (Honours) in Biology. Students completing the Bachelor of Science (Honours) in Biology have the option to apply to the Specialization in Conservation Biology.

4.4. Students who do not gain entry to the Conservation Biology program will receive an alternate offer to the Bachelor of Science (Honours) in Biology. These students may complete an internal application to Conservation Biology in their second semester at Trent to be reconsidered for the program, provided they meet the terms outlined in Article 6.5. Applications will be considered at the end of a student's second semester, following the receipt of final Trent University Year 1 grades. Trent University will reserve five spaces each year for graduates of Fleming College's Conservation Biology program who, upon meeting the minimum admission requirements, apply internally to the Conservation Biology degree program. Students who are not granted admission to the Conservation Biology program can continue their studies in the Bachelor of Science (Honours) in Biology with the option to apply for the Specialization in Conservation Biology.

5. TRANSFER OF CREDITS

5.1. Students who are eligible, graduating from Fleming College's Conservation Biology Diploma program with a minimum average of 75%, will be granted 6.5 credits towards the successful completion of a 20.0 credit Bachelor of Science (Honours) in Conservation Biology or a Bachelor of Science (Honours) in Biology at Trent University. Credits will be transferred as follows:

Courses completed at Fleming College	Course equivalencies at Trent University	Credits received
ECOS 13 – Ecosystem Skills (60 hours)	BIOL 1020H – Foundations of Biodiversity	0.5
FIWI 63 – Biodiversity of Vertebrates (60 hours)	BIOL 2100H – Biology of Vertebrates	0.5
SCIE 177 – Biodiversity of Invertebrates (60 hours)	BIOL 2110H – Biology of Invertebrates	0.5
SCIE 62 – Introductory Chemistry (45 hours)	CHEM 1000H – Introductory Chemistry I	0.5
ENVR 20 – Ecology and Environment (60 hours)	ERSC 1010H – Environmental Science and Sustainability	0.5
MATH 25 – Statistics (45 hours)	GEOG-BIOL-ERSC 2080H – Natural Science Statistics	0.5

GEOM 34 – Introduction to Vector GIS (45 hours) GEOL 83 – Earth and Atmosphere (45 hours) GEOM 163 – Fundamentals of Geomatics (45 hours)	GEOG-ERSC 2090H – Introduction to Geographical Information Systems 0.5 unassigned Science credit at the 2000 level	1.0
GNED 49 – Introduction to Indigenous Studies (45 hours)	INDG 1001H – Foundation for 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
LAWS 56 – Natural Resources Law (30 hours)	0.5 unassigned Environmental and Resource Science credit at the 2000 level	0.5
Completion of all other program components	0.5 unassigned Science credit at the 1000 level	0.5

5.2. As these credits recognize areas covered in Fleming College's Conservation Biology 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 Science (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 Science (Honours) in Conservation Biology, 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.

Conservation Biology		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
6.5 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H	BIOL 1020H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	---	BIOL 3170H or 3190H
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
0.5 GEOG credit consisting of GEOG-BIOL-ERSC 2080H	GEOG-BIOL-ERSC 2080H	---
1.0 MATH credit from MATH 1051H and 1052H or from MATH 1005H and 1550H	---	1.0 MATH credit from MATH 1051H and 1052H or from MATH 1005H and 1550H

0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4520H, 4610H, ERSC 3510H, ERSC-BIOL 4240H, ERST-POST 2100H, ERST-CAST-POST 3120H, and/or ERST-PHIL 3301H *** if not taken as a required course**	---	At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4520H, 4610H, ERSC 3510H, ERSC-BIOL 4240H, ERST-POST 2100H, ERST-CAST-POST 3120H, and/or ERST-PHIL 3301H
4.5 additional credits	BIOL 2100H and 2110H; INDG 1001H; GEOG 2090H; WRIT 1001H and 2002H; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level 0.5 unassigned SCIE 2000 level	---
General University Requirements		
A minimum of 14.0 science credits, including at least 1.0 MATH credit	3.5 assigned through transfer credit	Fulfilled through program requirements
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 different disciplines	Fulfilled through transfer credit	---
Maximum of 7.0 credits at the 1000 level	3.0 assigned through transfer credit	3.0 required above; Maximum 1.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

Conservation Biology – Co-op Program		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
5.5 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4500H, and 4510H	BIOL 1020H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	---	BIOL 3170H or 3190H
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
0.5 GEOG credit consisting of GEOG-BIOL-ERSC 2080H	GEOG-BIOL-ERSC 2080H	---
1.0 MATH credit from MATH 1051H and 1052H or from MATH 1005H and 1550H	---	1.0 MATH credit from MATH 1051H and 1052H or from MATH 1005H and 1550H

0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4520H, 4610H, ERSC 3510H, ERSC-BIOL 4240H, ERST-POST 2100H, ERST-CAST-POST 3120H, and/or ERST-PHIL 3301H *** if not taken as a required course**	---	At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4520H, 4610H, ERSC 3510H, ERSC-BIOL 4240H, ERST-POST 2100H, ERST-CAST-POST 3120H, and/or ERST-PHIL 3301H
4.5 additional credits	BIOL 2100H and 2110H; INDG 1001H; GEOG 2090H; WRIT 1001H and 2002H; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level 0.5 unassigned SCIE 2000 level	---
General University Requirements		
A minimum of 14.0 science credits, including at least 1.0 MATH credit	3.5 assigned through transfer credit	Fulfilled through program requirements
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 different disciplines	Fulfilled through transfer credit	---
Maximum of 7.0 credits at the 1000 level	3.0 assigned through transfer credit	3.0 required above; Maximum 1.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

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 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);
vii. A minimum of 14.0 science credits (including 1.0 Math credit).

6.5. Students receiving an alternate offer to the Bachelor of Science (Honours) in Biology may apply to enter the Conservation Biology program at the end of their second semester at Trent if they have successfully completed the following courses with a minimum cumulative average of 75%: BIOL 1030H, BIOL-PHYS 1060H, CHEM 1010H, ERSC 1020H, and either MATH 1051H and 1052H or MATH

1005H and 1550H. Students may apply to enter the Conservation Biology program Co-op program at the end of their second semester at Trent if they have completed the indicated courses above (Section 6.5) with a minimum cumulative average of 80%. BIOL 1020H, CHEM 1000H and ERSC 1010H are also required, however because these courses are received as transfer credit, they will not be counted toward the cumulative average. Students not gaining entrance to the Conservation Biology program can continue their studies in the Bachelor of Science (Honours) in Biology with the option to apply to the Specialization in Conservation Biology without extending their studies.

6.6. To remain in the Conservation Biology program, students must maintain a minimum average of 75% in all Biology and Conservation Biology courses completed. Students who are unable to achieve these grades may switch to the Honours program in Biology, transfer to a Bachelor of Science or Bachelor of Arts program in another discipline and make up any degree requirements for the major, or repeat courses (subject to Trent University's policy on repeating courses) until they achieve the grades required to apply for readmission to the program. To remain in the Conservation Biology Co-op program, students must maintain a minimum average of 80% in all Biology and Conservation Biology courses completed. Students who are unable to achieve these grades may switch to the Honours program in Conservation Biology or the Honours program in Biology, transfer to a Bachelor of Science or Bachelor of Arts program in another discipline and make up any degree requirements for a major, or repeat courses (subject to Trent University's policy on repeating courses) until they achieve the required grades to apply for readmission to the program.

6.7. Three non-credit co-op work terms are required for the Conservation Biology Co-op program that are not included in the requirement chart above (BIOC 2700P, 2700P, and 4700P). Work terms will normally occur in the Summer term following the second year, the Winter term of the third year, and the Fall term of the fourth year. At the end of each co-op work term, a report will be required.

Note: It is recommended that students transferring into the Bachelor of Science (Honours) in Conservation Biology 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

21.04.2021

Date

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



Linda Poirier
Vice President Academic Experience

May 3, 2021

Date



Dr. Michael Khan
Provost & Vice-President Academic

April 27, 2021

Date

ADDENDUM RECORD FOR ARTICULATION AGREEMENT #5649

- **FEBRUARY 2022:**
  - Changes to Conservation Biology degree requirements for Fall 2022.

- **APRIL 2022:**
  - Updated transfer credit block to reflect minor changes to Conservation Biology Diploma curriculum for Fall 2022.

- **OCTOBER 2022:**
  - Changes to Conservation Biology degree requirements for Fall 2023.

- **MARCH 2023:**
  - Changes to Conservation Biology degree requirements for Fall 2023;
  - Notice that as a result of the degree requirement changes, students transferring through this pathway are only able to apply 6.0 transfer credits towards studies in the Conservation Biology degree program. Students will still receive the full 6.5 credits outlined in the articulation agreement to account for students who may pursue the Conservation Biology specialization within the Biology degree instead.

- **AUGUST 2023:**
  - Updated transfer credit block to reflect changes to Conservation Biology Diploma curriculum for Fall 2022.

- **JULY 2024:**
  - Changes to Conservation Biology degree requirements for Fall 2024.

- **OCTOBER 2024:**
  - Updates to Article 5.3 to outline transfer credit eligibility for students who have completed the Indigenous Perspectives Designation at Fleming College.

- **MARCH 2025:**
  - Changes to Conservation Biology degree requirements for Fall 2025 to reflect the addition of MATH 1006H.

- **SEPTEMBER 2025:**
  - Updated transfer credit block to reflect new equivalencies at Trent University;
  - Updated degree requirement chart to reflect the new transfer credit block.

- **OCTOBER 2025:**
  - Changes to Conservation Biology degree requirements for Fall 2025.

- **DECEMBER 2025:**
  - Updated transfer credit block to reflect the relevelling of BIOL 2110H and updated equivalencies;
  - Changes to Conservation Biology degree requirements for Fall 2026.

- **FEBRUARY 2026:**
  - Updated Article 5.3 to clarify applicability of transfer credits received for completion of the Indigenous Perspectives Designation.

- **MAY 2026:**
  - Changes to Conservation Biology Co-op degree requirements reflecting additional choice elective courses.

- **SEPTEMBER 2026:**
  - Updated transfer credit block to reflect changes to Conservation Biology Diploma requirements for Fall 2026;
  - Updated degree requirement chart to reflect the updated transfer credit block.

February 2022

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5649

BETWEEN

SIR STANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S

ONTARIO COLLEGE DIPLOMA IN CONSERVATION BIOLOGY

AND

TRENT UNIVERSITY'S

BACHELOR OF SCIENCE (HONS), CONSERVATION BIOLOGY AND BACHELOR OF SCIENCE (HONS), CONSERVATION BIOLOGY CO-OP

This Addendum recognizes the changes outlined below, which shall become effective as of the Fall 2022 intake at Trent University. These changes will remain effective until the above-mentioned Agreement expires or until a new agreement is entered into, whichever occurs first.

The following changes have occurred:

- The following courses have been added to the degree requirements in Conservation Biology degree and Conservation Biology Co-op degree program:
    - BIOL 4410H – Urban Ecology
    - BIOL 4500H – Population Dynamics
    - ERSC-GEOG 3010H – Fundamentals of Geographical Information Systems Analysis (Sc)
    - GEOG-ERSC 3020H – Remote Sensing of the Environment
    - ERST 3110H – Environmental Impact Assessment
    - ERSC-BIOL 3260H – Applied Biomonitoring
    - ERSC-GEOG-SAFS 3650H – Soil Management and Conservation

These changes specifically refer to Sections 6 of the Agreement.

BACHELOR OF SCIENCE (HONOURS), BIOLOGY WITH A SPECIALIZATION IN CONSERVATION BIOLOGY: TRANSFER CREDITS

Students graduating from the Fleming College's Conservation Biology Diploma program with a minimum overall average of 75%, who are eligible, will be granted 6.5 credits toward the successful completion of a 20.0 credit Bachelor of Science (Honours) in Biology degree at Trent University. Credits will be transferred as follows:

Courses completed at Fleming College	Course equivalencies at Trent University	Credits received
ECOS 13 – Ecosystem Skills (60 hours)	BIOL 1020H – Foundations of Biodiversity	0.5
SCIE 177 – Biodiversity of Invertebrates (60	BIOL 2100H – Biology of Invertebrates	0.5
FIWI 63 – Biodiversity of Vertebrates (60 hours)	BIOL 2110H – Biology of Vertebrates	0.5
SCIE 62 – Introductory Chemistry (45 hours)	CHEM 1000H – Introductory Chemistry I	0.5
ENVR 20 – Ecology and Environment (60 hours)	ERSC 1010H – Environmental Science and Sustainability	0.5
MATH 25 – Statistics (45 hours)	GEOG-BIOL-ERSC 2080H – Natural Science Statistics	0.5

GEOM 34 – Introduction to Vector GIS (45 hours) GEOL 83 – Earth and Atmosphere (45 hours) GEOM 163 – Fundamentals of Geomatics (45	GEOG-ERSC 2090H – Introduction to Geographical Information Systems 0.5 unassigned Science credit at the 2000 level	1.0
GNED 49 – Introduction to Indigenous Studies (45	INDG 1001H – Foundation for 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
LAWS 56 – Natural Resources Law (30 hours)	0.5 unassigned Environmental and Resource Science credit at the 2000 level	0.5
Completion of all other program components	0.5 unassigned Science credit at the 1000 level	0.5

BACHELOR OF SCIENCE (HONOURS), BIOLOGY WITH A SPECIALIZATION IN CONSERVATION BIOLOGY: PROGRAM REQUIREMENTS

Conservation Biology		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
6.5 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H	BIOL 1020H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	---	BIOL 3170H or 3190H
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
0.5 GEOG credit consisting of GEOG-BIOL-ERSC 2080H	GEOG-BIOL-ERSC 2080H	---
1.0 MATH credit from MATH 1051H and 1052H or from MATH 1005H and 1550H	---	1.0 MATH credit from MATH 1051H and 1052H or from MATH 1005H and 1550H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H *** if not taken as a required course**	---	At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H * if not taken as a required course

4.5 additional credits	BIOL 2100H and 2110H; INDG 1001H; GEOG 2090H; WRIT 1001H and 2002H; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level 0.5 unassigned SCIE 2000 level	---
General University Requirements		
A minimum of 14.0 science credits, including at least 1.0 MATH credit	3.5 assigned through transfer credit	Fulfilled through program requirements
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 different disciplines	Fulfilled through transfer credit	---
Maximum of 7.0 credits at the 1000 level	3.0 assigned through transfer credit	3.0 required above; Maximum 1.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

Conservation Biology – Co-op Program		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
5.5 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4500H, and 4510H	BIOL 1020H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	---	BIOL 3170H or 3190H
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
0.5 GEOG credit consisting of GEOG-BIOL-ERSC 2080H	GEOG-BIOL-ERSC 2080H	---
1.0 MATH credit from MATH 1051H and 1052H or from MATH 1005H and 1550H	---	1.0 MATH credit from MATH 1051H and 1052H or from MATH 1005H and 1550H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-GEOG 3010H, ERSC-GEOG 3020H, ERSC-BIOL 3260H, ERSC	---	At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H,

3510H, ERSC-GEOG-SAFS 3650H, ERSC-BIOL 4240H, ERST-POST 2100H, ERST 3110H, ERST-CAST-POST 3120H, and/or ERST-PHIL 3301H *** if not taken as a required course**		4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-GEOG 3010H, ERSC-GEOG 3020H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-GEOG-SAFS 3650H, ERSC-BIOL 4240H, ERST-POST 2100H, ERST 3110H, ERST-CAST-POST 3120H, and/or ERST-PHIL 3301H * if not taken as a required course
4.5 additional credits	BIOL 2100H and 2110H; INDG 1001H; GEOG 2090H; WRIT 1001H and 2002H; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level 0.5 unassigned SCIE 2000 level	---
General University Requirements		
A minimum of 14.0 science credits, including at least 1.0 MATH credit	3.5 assigned through transfer credit	Fulfilled through program requirements
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 different disciplines	Fulfilled through transfer credit	---
Maximum of 7.0 credits at the 1000 level	3.0 assigned through transfer credit	3.0 required above; Maximum 1.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

April 2022

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5649

BETWEEN

SIR STANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S

ONTARIO COLLEGE DIPLOMA IN CONSERVATION BIOLOGY

AND

TRENT UNIVERSITY'S

BACHELOR OF SCIENCE (HONS), CONSERVATION BIOLOGY AND BACHELOR OF SCIENCE (HONS), CONSERVATION BIOLOGY CO-OP

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

The following change will occur in Fleming College's Diploma in Conservation Biology starting in Fall 2022:

- GNED 49 – Introduction to Indigenous Studies (45 hours) will be replaced with INDG 49 – Introduction to Indigenous Studies (45 Hours)

These changes specifically refer to Section 5 of the Agreement.

BACHELOR OF SCIENCE (HONOURS), BIOLOGY WITH A SPECIALIZATION IN CONSERVATION BIOLOGY: TRANSFER CREDITS

Students graduating from the Fleming College's Conservation Biology Diploma program with a minimum overall average of 75%, who are eligible, will be granted 6.5 credits toward the successful completion of a 20.0 credit Bachelor of Science (Honours) in Biology degree at Trent University. Credits will be transferred as follows:

Courses completed at Fleming College	Course equivalencies at Trent University	Credits received
ECOS 13 – Ecosystem Skills (60 hours)	BIOL 1020H – Foundations of Biodiversity	0.5
SCIE 177 – Biodiversity of Invertebrates (60	BIOL 2100H – Biology of Invertebrates	0.5
FIWI 63 – Biodiversity of Vertebrates (60 hours)	BIOL 2110H – Biology of Vertebrates	0.5
SCIE 62 – Introductory Chemistry (45 hours)	CHEM 1000H – Introductory Chemistry I	0.5
ENVR 20 – Ecology and Environment (60 hours)	ERSC 1010H – Environmental Science and Sustainability	0.5
MATH 25 – Statistics (45 hours)	GEOG-BIOL-ERSC 2080H – Natural Science Statistics	0.5
GEOM 34 – Introduction to Vector GIS (45 hours) GEOL 83 – Earth and Atmosphere (45 hours) GEOM 163 – Fundamentals of Geomatics (45	GEOG-ERSC 2090H – Introduction to Geographical Information Systems 0.5 unassigned Science credit at the 2000 level	1.0
INDG 49 – Introduction to Indigenous Studies (45	INDG 1001H – Foundation for 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

LAWS 56 – Natural Resources Law (30 hours)	0.5 unassigned Environmental and Resource Science credit at the 2000 level	0.5
Completion of all other program components	0.5 unassigned Science credit at the 1000 level	0.5

BACHELOR OF SCIENCE (HONOURS), BIOLOGY WITH A SPECIALIZATION IN CONSERVATION BIOLOGY: PROGRAM REQUIREMENTS

Conservation Biology		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
6.5 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H	BIOL 1020H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	---	BIOL 3170H or 3190H
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
0.5 GEOG credit consisting of GEOG-BIOL-ERSC 2080H	GEOG-BIOL-ERSC 2080H	---
1.0 MATH credit from MATH 1051H and 1052H or from MATH 1005H and 1550H	---	1.0 MATH credit from MATH 1051H and 1052H or from MATH 1005H and 1550H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H *** if not taken as a required course**	---	At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H * if not taken as a required course
4.5 additional credits	BIOL 2100H and 2110H; INDG 1001H; GEOG 2090H; WRIT 1001H and 2002H; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level 0.5 unassigned SCIE 2000 level	---
General University Requirements		

A minimum of 14.0 science credits, including at least 1.0 MATH credit	3.5 assigned through transfer credit	Fulfilled through program requirements
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 different disciplines	Fulfilled through transfer credit	---
Maximum of 7.0 credits at the 1000 level	3.0 assigned through transfer credit	3.0 required above; Maximum 1.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

Conservation Biology – Co-op Program		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
5.5 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4500H, and 4510H	BIOL 1020H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	---	BIOL 3170H or 3190H
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
0.5 GEOG credit consisting of GEOG-BIOL-ERSC 2080H	GEOG-BIOL-ERSC 2080H	---
1.0 MATH credit from MATH 1051H and 1052H or from MATH 1005H and 1550H	---	1.0 MATH credit from MATH 1051H and 1052H or from MATH 1005H and 1550H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-GEOG 3010H, ERSC-GEOG 3020H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-GEOG-SAFS 3650H, ERSC-BIOL 4240H, ERST-POST 2100H, ERST 3110H, ERST-CAST-POST 3120H, and/or ERST-PHIL 3301H *** if not taken as a required course**	---	At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-GEOG 3010H, ERSC-GEOG 3020H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-

		GEOG-SAFS 3650H, ERSC-BIOL 4240H, ERST-POST 2100H, ERST 3110H, ERST-CAST-POST 3120H, and/or ERST-PHIL 3301H * if not taken as a required course
4.5 additional credits	BIOL 2100H and 2110H; INDG 1001H; GEOG 2090H; WRIT 1001H and 2002H; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level 0.5 unassigned SCIE 2000 level	---
General University Requirements		
A minimum of 14.0 science credits, including at least 1.0 MATH credit	3.5 assigned through transfer credit	Fulfilled through program requirements
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 different disciplines	Fulfilled through transfer credit	---
Maximum of 7.0 credits at the 1000 level	3.0 assigned through transfer credit	3.0 required above; Maximum 1.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

OCTOBER 2022

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5649

BETWEEN

SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S

ONTARIO COLLEGE DIPLOMA IN CONSERVATION BIOLOGY

AND

TRENT UNIVERSITY'S

BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY AND BACHELOR OF SCIECNE (HONOURS), CONSERVATION BIOLOGY CO-OP

This Addendum recognizes the changes outlined below, which shall become effective as of the Summer 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:

- BIOL-ERSC 4390H Conservation Biology course has changed to BIOL-ERSC 3391H Conservation Biology. This change does not affect the transfer equivalencies granted in this agreement, only the courses students will still need to complete at Trent University.

These changes specifically refer to Section 6.0 of the Agreement.

BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY AND BACHELOR OF SCIECNE (HONOURS), CONSERVATION BIOLOGY CO-OP: PROGRAM REQUIREMENTS

Program Requirements	Courses Granted Through Transfer Equivalency	Courses Students Still Need to Take
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
6.5 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 3991H, 4400Y, 4500H, and 4510H	BIOL 1020H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 3991H, 4400Y, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	---	BIOL 3170H or 3190H
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
0.5 GEOG credit consisting of GEOG-BIOL-ERSC 2080H	GEOG-BIOL-ERSC 2080H	---
1.0 MATH credit from MATH 1051H and 1052H or from MATH 1005H and 1550H	---	1.0 MATH credit from MATH 1051H and 1052H or from MATH 1005H and 1550H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H,	---	At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H,

4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H *** if not taken as a required course**		3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H * if not taken as a required course
4.5 additional credits	BIOL 2100H and 2110H; INDG 1001H; GEOG 2090H; WRIT 1001H and 2002H; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level 0.5 unassigned SCIE 2000 level	---
General University Requirements		
A minimum of 14.0 science credits, including at least 1.0 MATH credit	3.5 assigned through transfer credit	Fulfilled through program requirements
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 different disciplines	Fulfilled through transfer credit	---
Maximum of 7.0 credits at the 1000 level	3.0 assigned through transfer credit	3.0 required above; Maximum 1.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

Conservation Biology – Co-op Program		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
5.5 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 3991H, 4500H, and 4510H	BIOL 1020H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 3991H, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	---	BIOL 3170H or 3190H
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
0.5 GEOG credit consisting of GEOG-BIOL-ERSC 2080H	GEOG-BIOL-ERSC 2080H	---
1.0 MATH credit from MATH 1051H and 1052H or from MATH 1005H and 1550H	---	1.0 MATH credit from MATH 1051H and 1052H or

		from MATH 1005H and 1550H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-GEOG 3010H, ERSC-GEOG 3020H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-GEOG-SAFS 3650H, ERSC-BIOL 4240H, ERST-POST 2100H, ERST 3110H, ERST-CAST-POST 3120H, and/or ERST-PHIL 3301H *** if not taken as a required course**	---	At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-GEOG 3010H, ERSC-GEOG 3020H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-GEOG-SAFS 3650H, ERSC-BIOL 4240H, ERST-POST 2100H, ERST 3110H, ERST-CAST-POST 3120H, and/or ERST-PHIL 3301H * if not taken as a required course
4.5 additional credits	BIOL 2100H and 2110H; INDG 1001H; GEOG 2090H; WRIT 1001H and 2002H; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level 0.5 unassigned SCIE 2000 level	---
General University Requirements		
A minimum of 14.0 science credits, including at least 1.0 MATH credit	3.5 assigned through transfer credit	Fulfilled through program requirements
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 different disciplines	Fulfilled through transfer credit	---
Maximum of 7.0 credits at the 1000 level	3.0 assigned through transfer credit	3.0 required above; Maximum 1.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

MARCH 2023

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5649

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S
BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

AND

TRENT UNIVERSITY'S
BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

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:

- Changes to requirements in the Conservation Biology degree program;
- Due to degree requirement changes, students transferring to Trent through this pathway are only able to apply 6.0 transfer credits towards studies in the Conservation Biology degree program. Students will still receive the full block of 6.5 credits outlined in the original agreement to allow for maximum transfer credits in the case that an alternate offer to Biology is provided.

These changes specifically refer to Section 6 of the Agreement.

BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY: PROGRAM REQUIREMENTS

Conservation Biology		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
7.0 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2110H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H	BIOL 1020H and 2110H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	---	BIOL 3170H or 3190H
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
1.0 MATH credit consisting of MATH 1051H and 1052H	---	MATH 1051H and 1052H
0.5 MATH credit from MATH 1005H or 1110H	---	MATH 1005H or 1110H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-BIOL 3260H,	---	At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H,

ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H *** if not taken as a required course**		4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H * if not taken as a required course
4.0 additional credits	BIOL 2100H; GEOG 2080H and 2090H; INDG 1001H; WRIT 1001H and 2002H; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 2000 level	---
General University Requirements		
A minimum of 14.0 science credits, including 1.0 MATH credit	3.5 assigned through transfer credit	Fulfilled through program requirements
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	2.5 assigned through transfer credit	3.0 required above; Maximum 1.5 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

Conservation Biology – Co-op Program		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
6.0 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2110H, 2260H, 2600H, 3380H, 3600H, 3991H, 4500H, and 4510H	BIOL 1020H and 2110H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 3991H, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	---	BIOL 3170H or 3190H
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
1.0 MATH credit consisting of MATH 1051H and 1052H	---	MATH 1051H and 1052H
0.5 MATH credit from MATH 1005H or 1110H	---	MATH 1005H or 1110H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H	---	At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL

*** if not taken as a required course**		4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H * if not taken as a required course
4.0 additional credits	BIOL 2100H; INDG 1001H; GEOG 2080H and 2090H; WRIT 1001H and 2002H; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 2000 level	---
General University Requirements		
A minimum of 14.0 science credits, including 1.0 MATH credit	3.5 assigned through transfer credit	Fulfilled through program requirements
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	2.5 assigned through transfer credit	3.0 required above; Maximum 1.5 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

AUGUST 2023

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5649

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S ONTARIO COLLEGE DIPLOMA IN CONSERVATION BIOLOGY

AND

TRENT UNIVERSITY'S BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

This Addendum recognizes the changes outlined below, which shall become effective as of the Fall 2022 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 in the Conservation Biology Diploma program:

- SCIE 62 – Introductory Chemistry (45 hours) has been replaced with SCIE 189 – Introduction to Environmental Chemical Science (60 hours);
- ECOS 13 – Ecosystem Skills (60 hours) has been renamed ECOS 13 – Field Skills (60 hours);
- Course hours for GEOL 83 – Earth and Atmosphere has been increased from 45 hours to 60 hours;
- The transfer credits received remain unchanged.

These changes specifically refer to Section 5 of the Agreement.

BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY: TRANSFER CREDITS

Students graduating from Fleming College's Conservation Biology Diploma program with a minimum overall average of 75%, who are eligible, will be granted 6.5 credits toward the successful completion of a 20.0 credit Bachelor of Science (Honours) in Biology degree.

Courses Completed at Fleming College	Course Equivalencies at Trent University	# of Credits Received
ECOS 13 – Field Skills (60 hours)	BIOL 1020H – Foundations of Biodiversity	0.5
SCIE 177 – Biodiversity of Invertebrates (60 hours)	BIOL 2100H – Biology of Invertebrates	0.5
FIWI 63 – Biodiversity of Vertebrates (60 hours)	BIOL 2110H – Biology of Vertebrates	0.5
SCIE 189 – Introduction to Environmental Chemical Science (60 hours)	CHEM 1000H – Introductory Chemistry I	0.5
ENVR 20 – Ecology and Environment (60 hours)	ERSC 1010H – Environmental Science and Sustainability	0.5
MATH 25 – Statistics (45 hours)	GEOG-BIOL-ERSC 2080H – Natural Science Statistics	0.5
GEOM 34 – Introduction to Vector GIS (45 hours); GEOL 83 – Earth and Atmosphere (60 hours); GEOM 163 – Fundamentals of Geomatics (45 hours)	GEOG-ERSC 2090H – Introduction to Geographical Information Systems; 0.5 unassigned Science credit at the 2000 level	1.0
INDG 49 – Introduction to Indigenous Studies (45 hours)	INDG 1001H – The Foundation for 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
LAWS 56 – Natural Resources Law (30 hours)	0.5 unassigned Environmental and Resource Science credit at the 2000 level	0.5
Completion of all other program components	0.5 unassigned Science credit at the 1000 level	0.5

JULY 2024

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5649

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S
BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

AND

TRENT UNIVERSITY'S
BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

This Addendum recognizes the changes outlined below, which shall become effective as of the Fall 2024 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:

- Changes to requirements in the Conservation Biology degree program adding BIOL 4550H – One Health as a choice credit.

These changes specifically refer to Section 6 of the Agreement.

BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY: PROGRAM REQUIREMENTS

Conservation Biology		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
7.0 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2110H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H	BIOL 1020H and 2110H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	---	BIOL 3170H or 3190H
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
1.0 MATH credit consisting of MATH 1051H and 1052H	---	MATH 1051H and 1052H
0.5 MATH credit from MATH 1005H or 1110H	---	MATH 1005H or 1110H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4550H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-	---	At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4550H, 4610H,

POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H *** if not taken as a required course**		ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H * if not taken as a required course
4.0 additional credits	BIOL 2100H; GEOG 2080H and 2090H; INDG 1001H; WRIT 1001H and 2002H; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 2000 level	---
General University Requirements		
A minimum of 14.0 science credits, including 1.0 MATH credit	3.5 assigned through transfer credit	Fulfilled through program requirements
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	2.5 assigned through transfer credit	3.0 required above; Maximum 1.5 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

Conservation Biology – Co-op Program		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
6.0 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2110H, 2260H, 2600H, 3380H, 3600H, 3991H, 4500H, and 4510H	BIOL 1020H and 2110H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 3991H, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	---	BIOL 3170H or 3190H
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
1.0 MATH credit consisting of MATH 1051H and 1052H	---	MATH 1051H and 1052H
0.5 MATH credit from MATH 1005H or 1110H	---	MATH 1005H or 1110H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4550H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H *** if not taken as a required course**	---	At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4550H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST

		2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H * if not taken as a required course
4.0 additional credits	BIOL 2100H; INDG 1001H; GEOG 2080H and 2090H; WRIT 1001H and 2002H; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 2000 level	---
General University Requirements		
A minimum of 14.0 science credits, including 1.0 MATH credit	3.5 assigned through transfer credit	Fulfilled through program requirements
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	2.5 assigned through transfer credit	3.0 required above; Maximum 1.5 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

OCTOBER 2024

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5649

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S
ONTARIO COLLEGE DIPLOMA IN CONSERVATION BIOLOGY

AND

TRENT UNIVERSITY'S
BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

This Addendum recognizes the changes outlined below, which shall become effective immediately at Trent University. These changes will remain effective until the above-mentioned Agreement expires or until a new agreement is entered into, whichever occurs first.

The following changes have occurred:

- Clarifying transfer credit eligibility for students who have completed the Indigenous Perspectives Designation.

Changes refer to Section 5 of the Agreement. The following will be added as Article 5.3:

- Students who have completed the Indigenous Perspectives Designation (IPD) and who meet the terms of this articulation agreement are eligible to receive an additional transfer credit.
- Students will receive credit for INDG 1002H – Foundations of Modern Indigenous Life for completing INDG 128 – Introduction to Indigenous Knowledges.
- Completion of INDG 49 – Introduction to Indigenous Studies is already recognized as part of the original transfer credit block, providing INDG 1001H - The Foundation for Reconciliation as transfer credit.

MARCH 2025

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5649

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

AND

TRENT UNIVERSITY'S BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

This Addendum recognizes the changes outlined below, which shall become effective as of the Fall 2025 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:

- Changes to Conservation Biology degree requirements reflecting the addition of MATH 1006H.

These changes specifically refer to Section 6 of the Agreement.

BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY: PROGRAM REQUIREMENTS

Conservation Biology		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
7.0 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2110H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H	BIOL 1020H and 2110H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	---	BIOL 3170H or 3190H
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
1.0 MATH credit consisting of MATH 1051H and 1052H	---	MATH 1051H and 1052H
0.5 MATH credit from MATH 1006H or 1110H	---	MATH 1006H or 1110H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4550H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-	---	At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4550H, 4610H,

POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H *** if not taken as a required course**		ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H * if not taken as a required course
4.0 additional credits	BIOL 2100H; GEOG 2080H and 2090H; INDG 1001H; WRIT 1001H and 2002H; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 2000 level	---
General University Requirements		
A minimum of 14.0 science credits, including 1.0 MATH credit	3.5 assigned through transfer credit	Fulfilled through program requirements
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	2.5 assigned through transfer credit	3.0 required above; Maximum 1.5 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

Conservation Biology – Co-op Program		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
6.0 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2110H, 2260H, 2600H, 3380H, 3600H, 3991H, 4500H, and 4510H	BIOL 1020H and 2110H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 3991H, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	---	BIOL 3170H or 3190H
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
1.0 MATH credit consisting of MATH 1051H and 1052H	---	MATH 1051H and 1052H
0.5 MATH credit from MATH 1006H or 1110H	---	MATH 1006H or 1110H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4550H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H *** if not taken as a required course**	---	At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4550H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST

		2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H * if not taken as a required course
4.0 additional credits	BIOL 2100H; INDG 1001H; GEOG 2080H and 2090H; WRIT 1001H and 2002H; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 2000 level	---
General University Requirements		
A minimum of 14.0 science credits, including 1.0 MATH credit	3.5 assigned through transfer credit	Fulfilled through program requirements
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	2.5 assigned through transfer credit	3.0 required above; Maximum 1.5 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

SEPTEMBER 2025

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5649

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

AND

TRENT UNIVERSITY'S BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

This Addendum recognizes the changes outlined below, which shall become immediately 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 updated equivalencies at Trent University (all 6.5 credits are now applicable to the Conservation Biology degree program);
- Updated degree requirement chart to reflect the new transfer credit block.

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

5.1. BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY: TRANSFER CREDITS

Students graduating from Fleming College's Conservation Biology Diploma program with a minimum overall average of 75%, who are eligible, will be granted 6.5 credits toward the successful completion of a 20.0 credit Bachelor of Science (Honours) in Biology degree.

Courses Completed at Fleming College	Course Equivalencies at Trent University	# of Credits Received
ECOS 13 – Field Skills (60 hours)	BIOL 1020H – Foundations of Biodiversity	0.5
SCIE 176 – Biodiversity Conservation Field Techniques (60 hours)	BIOL 2001H – Field Methods	0.5
SCIE 177 – Biodiversity of Invertebrates (60 hours)	BIOL 2100H – Biology of Invertebrates	0.5
FIWI 63 – Biodiversity of Vertebrates (60 hours)	BIOL 2110H – Biology of Vertebrates	0.5
FSTY 50 – Trees and Shrubs of Ontario (45 hours)	BIOL 3190H – Wild Plants of Ontario	0.5
SCIE 189 – Introduction to Environmental Chemical Science (60 hours)	CHEM 1000H – Introductory Chemistry I	0.5
ENVR 20 – Ecology and Environment (60 hours)	ERSC 1010H – Environmental Science and Sustainability	0.5
MATH 25 – Statistics (45 hours)	GEOG-BIOL-ERSC 2080H – Natural Science Statistics	0.5
GEOM 34 – Introduction to Vector GIS (45 hours); GEOL 83 – Earth and Atmosphere (60 hours); GEOM 163 – Fundamentals of Geomatics (45 hours)	GEOG-ERSC 2090H – Introduction to Geographical Information Systems	0.5
INDG 49 – Introduction to Indigenous Studies (45 hours)	INDG 1001H – The Foundation for Reconciliation	0.5

ECOS 40 – Biodiversity Conservation Management (45 hours); APST 169 – Applied Research Project (60 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 Science credit at the 2000 level	0.5
Completion of all other program components	0.5 unassigned Science credit at the 1000 level	0.5

6.3. BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY: PROGRAM REQUIREMENTS

To satisfy the requirements of Trent University's Bachelor of Science (Honours) in Conservation Biology, 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.

Conservation Biology		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
7.0 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2110H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H	BIOL 1020H and 2110H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	BIOL 3190H	---
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
1.0 MATH credit consisting of MATH 1051H and 1052H	---	MATH 1051H and 1052H
0.5 MATH credit from MATH 1006H or 1110H	---	MATH 1006H or 1110H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4550H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H *** if not taken as a required course**	---	At least 3.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4550H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H * if not taken as a required course
4.0 additional credits	BIOL 2001H and 2100H; GEOG 2080H and 2090H; INDG 1001H; 1.0 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level	---
General University Requirements		

A minimum of 14.0 science credits, including 1.0 MATH credit	6.0 assigned through transfer credit	Fulfilled through program requirements
A minimum of 7.0 credits at the 3000 or 4000 level	0.5 assigned through transfer credit	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	2.5 assigned through transfer credit	3.5 required above; Maximum 1.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

Conservation Biology – Co-op Program		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
6.0 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2110H, 2260H, 2600H, 3380H, 3600H, 3991H, 4500H, and 4510H	BIOL 1020H and 2110H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 3991H, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	BIOL 3190H	---
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
1.0 MATH credit consisting of MATH 1051H and 1052H	---	MATH 1051H and 1052H
0.5 MATH credit from MATH 1006H or 1110H	---	MATH 1006H or 1110H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4550H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H *** if not taken as a required course**	---	At least 4.0 credits from BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4500H, 4520H, 4550H, 4610H, ERSC-BIOL 3260H, ERSC 3510H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, ERST 3110H, ERST-POST 2100H, ERST-CAST-POST 3120H, ERST-PHIL 3301H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H * if not taken as a required course
4.0 additional credits	BIOL 2001H and 2100H; GEOG 2080H and 2090H; INDG 1001H; 1.0 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level	---
General University Requirements		
A minimum of 14.0 science credits, including 1.0 MATH credit	6.0 assigned through transfer credit	Fulfilled through program requirements
A minimum of 7.0 credits at the 3000 or 4000 level	0.5 assigned through transfer credit	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	2.5 assigned through transfer credit	3.5 required above; Maximum 1.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

OCTOBER 2025

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5649

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

AND

TRENT UNIVERSITY'S BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

This Addendum recognizes the changes outlined below, which became effective as of the Fall 2025 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 degree requirement chart to reflect minor changes to the Conservation Biology degree.

These changes specifically refer to Section 6 of the Agreement.

6.3. BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY: PROGRAM REQUIREMENTS

To satisfy the requirements of Trent University's Bachelor of Science (Honours) in Conservation Biology, 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.

Conservation Biology		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
7.0 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2110H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H	BIOL 1020H and 2110H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 4390H, 4400Y, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	BIOL 3190H	---
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
1.0 MATH credit consisting of MATH 1051H and 1052H	---	MATH 1051H and 1052H
0.5 MATH credit from MATH 1006H or 1110H	---	MATH 1006H or 1110H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	PHYS 1000H, 1001H, or PHYS-BIOL 1060H

At least 3.0 credits from BIOL-ERSC-SAFS 2350H, BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4520H, 4550H, 4610H, ERSC-BIOL 3260H, ERSC 3160H, 3200Y, 3510H, 4250H, ERSC-BIOL 4240H, ERSC/ERST 4801H, 4802H, ERSC-GEOG 3010H, 4640H, ERST 3110H, ERST-CAST-HIST 4670H, ERST-POST 2100H, ERST-CAST-FRSC-POST 3120H, ERST-PHIL 3301H, ERST-PHIL-SAFS 3302H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H *** if not taken as a required course**	---	At least 3.0 credits from BIOL-ERSC-SAFS 2350H, BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4520H, 4550H, 4610H, ERSC-BIOL 3260H, ERSC 3160H, 3200Y, 3510H, 4250H, ERSC-BIOL 4240H, ERSC/ERST 4801H, 4802H, ERSC-GEOG 3010H, 4640H, ERST 3110H, ERST-CAST-HIST 4670H, ERST-POST 2100H, ERST-CAST-FRSC-POST 3120H, ERST-PHIL 3301H, ERST-PHIL-SAFS 3302H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H * if not taken as a required course
4.0 additional credits	BIOL 2001H and 2100H; GEOG 2080H and 2090H; INDG 1001H; 1.0 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level	---
General University Requirements		
A minimum of 14.0 science credits, including 1.0 MATH credit	6.0 assigned through transfer credit	Fulfilled through program requirements
A minimum of 7.0 credits at the 3000 or 4000 level	0.5 assigned through transfer credit	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	2.5 assigned through transfer credit	3.5 required above; Maximum 1.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

Conservation Biology – Co-op Program		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
6.0 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2110H, 2260H, 2600H, 3380H, 3600H, 3991H, 4500H, and 4510H	BIOL 1020H and 2110H	BIOL 1030H, 2000H, 2050H, 2260H, 2600H, 3380H, 3600H, 3991H, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	BIOL 3190H	---
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
0.5 COOP credit consisting of COOP 2000H	---	COOP 2000H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
1.0 MATH credit consisting of MATH 1051H and 1052H	---	MATH 1051H and 1052H
0.5 MATH credit from MATH 1006H or 1110H	---	MATH 1006H or 1110H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	PHYS 1000H, 1001H, or PHYS-BIOL 1060H

At least 3.5 credits from BIOL-ERSC-SAFS 2350H, BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4520H, 4550H, 4610H, ERSC-BIOL 3260H, ERSC 3160H, 3200Y, 3510H, 4520H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, 4640H, ERSC/ERST 4801H, 4802H, ERST 3110H, ERST-POST 2100H, ERST-CAST-FRSC-POST 3120H, ERST-PHIL 3301H, ERST-PHIL-SAFS 3302H, ERST-CAST-HIST 4670H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H *** if not taken as a required course**	---	At least 3.5 credits from BIOL-ERSC-SAFS 2350H, BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3340H, 3360H, 3850H, 3851H, 3852H, 3853H, 3840H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4210H, 4220H, 4330H, 4340H, 4410H, 4520H, 4550H, 4610H, ERSC-BIOL 3260H, ERSC 3160H, 3200Y, 3510H, 4520H, ERSC-BIOL 4240H, ERSC-GEOG 3010H, 4640H, ERSC/ERST 4801H, 4802H, ERST 3110H, ERST-POST 2100H, ERST-CAST-FRSC-POST 3120H, ERST-PHIL 3301H, ERST-PHIL-SAFS 3302H, ERST-CAST-HIST 4670H, ERSC-GEOG-SAFS 3650H and/or GEOG-ERSC 3020H * if not taken as a required course
4.0 additional credits	BIOL 2001H and 2100H; GEOG 2080H and 2090H; INDG 1001H; 1.0 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level	---
General University Requirements		
A minimum of 14.0 science credits, including 1.0 MATH credit	6.0 assigned through transfer credit	Fulfilled through program requirements
A minimum of 7.0 credits at the 3000 or 4000 level	0.5 assigned through transfer credit	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	2.5 assigned through transfer credit	3.5 required above; Maximum 1.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

DECEMBER 2025

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5649

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

AND

TRENT UNIVERSITY'S BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

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 have occurred:

- Updated transfer credit block to reflect the relevelling of BIOL 2110H – Biology of Vertebrates to BIOL 3111H – Comparative Vertebrate Anatomy, as well as new equivalencies at Trent University;
- Updated degree requirement chart to reflect changes to the Conservation Biology degree.

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

5.1. BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY: TRANSFER CREDITS

Students graduating from Fleming College's Conservation Biology Diploma program with a minimum overall average of 75%, who are eligible, will be granted 6.5 credits toward the successful completion of a 20.0 credit Bachelor of Science (Honours) in Conservation.

Courses Completed at Fleming College	Course Equivalencies at Trent University	# of Credits Received
ECOS 13 – Field Skills (60 hours)	BIOL 1020H – Foundations of Biodiversity	0.5
SCIE 176 – Biodiversity Conservation Field Techniques (60 hours)	BIOL 2001H – Field Methods	0.5
SCIE 177 – Biodiversity of Invertebrates (60 hours)	BIOL 2100H – Biology of Invertebrates	0.5
FIWI 63 – Biodiversity of Vertebrates (60 hours)	BIOL 3111H – Comparative Vertebrate Anatomy	0.5
FSTY 50 – Trees and Shrubs of Ontario (45 hours)	BIOL 3190H – Wild Plants of Ontario	0.5
SCIE 189 – Introduction to Environmental Chemical Science (60 hours)	CHEM 1000H – Introductory Chemistry I	0.5
ENVR 20 – Ecology and Environment (60 hours)	ERSC 1010H – Environmental Science and Sustainability	0.5
GEOM 34 – Introduction to Vector GIS (45 hours); GEOL 83 – Earth and Atmosphere (60 hours); GEOM 163 – Fundamentals of Geomatics (45 hours)	GEOG-ERSC 2090H – Introduction to Geographical Information Systems	0.5
INDG 49 – Introduction to Indigenous Studies (45 hours)	INDG 1001H – The Foundation for Reconciliation	0.5

MATH 25 – Statistics (45 hours)	MATH 1051H – Non-Calculus Statistics 1: Elementary Probability and Statistics	0.5
ECOS 40 – Biodiversity Conservation Management (45 hours); APST 169 – Applied Research Project (60 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 Science credit at the 2000 level	0.5
Completion of all other program components	0.5 unassigned Science credit at the 1000 level	0.5

6.3. BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY: PROGRAM REQUIREMENTS

To satisfy the requirements of Trent University's Bachelor of Science (Honours) in Conservation Biology, 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.

Conservation Biology		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
7.5 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2070H, 2260H, 2600H, 3111H, 3380H, 3391H, 3600H, 4400Y, 4500H, and 4510H	BIOL 1020H and 3111H	BIOL 1030H, 2000H, 2050H, 2070H, 2260H, 2600H, 3380H, 3391H, 3600H, 4400Y, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	BIOL 3190H	---
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
1.0 MATH credit consisting of MATH 1051H and 1052H	MATH 1051H	MATH 1052H
0.5 MATH credit from MATH 1006H or 1110H	---	MATH 1006H or 1110H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 3.0 credits from BIOL-ERSC-SAFS 2350H, BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3200H, 3340H, 3360H, 3830H, 3840H, 3850H, 3851H, 3852H, 3853H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4330H, 4340H, 4410H, 4520H, 4550H, 4610H, 4830H, ERSC-GEOG 3010H, 3020H, ERSC 3160H, 3200Y, 3260H, 3510H, 3650H, 4240H, 4520H, 4640H, 4801H, 4802H, ERST 2100H, 3110H, 3120H, 3301H, 3302H, 4670H ***if not taken as a required course**	---	At least 3.0 credits from BIOL-ERSC-SAFS 2350H, BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3200H, 3340H, 3360H, 3830H, 3840H, 3850H, 3851H, 3852H, 3853H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4330H, 4340H, 4410H, 4520H, 4550H, 4610H, 4830H, ERSC-GEOG 3010H, 3020H, ERSC 3160H, 3200Y, 3260H, 3510H, 3650H, 4240H, 4520H, 4640H, 4801H, 4802H, ERST 2100H, 3110H, 3120H, 3301H, 3302H, 4670H *if not taken as a required course
3.5 additional credits	BIOL 2001H and 2100H; GEOG 2090H; INDG 1001H; 1.0 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level	---

General University Requirements		
A minimum of 14.0 science credits, including 1.0 MATH credit	6.0 assigned through transfer credit	Fulfilled through program requirements
A minimum of 7.0 credits at the 3000 or 4000 level	1.0 assigned through transfer credit	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	3.0 assigned through transfer credit	3.0 required above; Maximum 1.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

Conservation Biology – Co-op Program		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
6.5 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2070H, 2260H, 2600H, 3111H, 3380H, 3391H, 3600H, 4500H, and 4510H	BIOL 1020H and 3111H	BIOL 1030H, 2000H, 2050H, 2070H, 2260H, 2600H, 3380H, 3391H, 3600H, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	BIOL 3190H	---
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
0.5 COOP credit consisting of COOP 2000H	---	COOP 2000H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
1.0 MATH credit consisting of MATH 1051H and 1052H	MATH 1051H	MATH 1052H
0.5 MATH credit from MATH 1006H or 1110H	---	MATH 1006H or 1110H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 3.5 credits from BIOL-ERSC-SAFS 2350H, BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3200H, 3340H, 3360H, 3830H, 3840H, 3850H, 3851H, 3852H, 3853H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4330H, 4340H, 4410H, 4520H, 4550H, 4610H, 4830H, ERSC-GEOG 3010H, 3020H, ERSC 3160H, 3200Y, 3260H, 3510H, 3650H, 4240H, 4520H, 4640H, 4801H, 4802H, ERST 2100H, 3110H, 3120H, 3301H, 3302H, 4670H *** if not taken as a required course**	---	At least 3.5 credits from BIOL-ERSC-SAFS 2350H, BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3200H, 3340H, 3360H, 3830H, 3840H, 3850H, 3851H, 3852H, 3853H, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4330H, 4340H, 4410H, 4520H, 4550H, 4610H, 4830H, ERSC-GEOG 3010H, 3020H, ERSC 3160H, 3200Y, 3260H, 3510H, 3650H, 4240H, 4520H, 4640H, 4801H, 4802H, ERST 2100H, 3110H, 3120H, 3301H, 3302H, 4670H * if not taken as a required course
3.5 additional credits	BIOL 2001H and 2100H; GEOG 2090H; INDG 1001H; 1.0 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level	---
General University Requirements		
A minimum of 14.0 science credits, including 1.0 MATH credit	6.0 assigned through transfer credit	Fulfilled through program requirements
A minimum of 7.0 credits at the 3000 or 4000 level	1.0 assigned through transfer credit	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	3.0 assigned through transfer credit	3.0 required above; Maximum 1.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

FEBRUARY 2026

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5649

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S ONTARIO COLLEGE DIPLOMA IN CONSERVATION BIOLOGY

AND

TRENT UNIVERSITY'S BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

This Addendum recognizes the changes outlined below, which shall become effective immediately at Trent University. These changes will remain effective until the above-mentioned Agreement expires or until a new agreement is entered into, whichever occurs first.

The following changes have occurred:

- Clarifying transfer credit applicability for students who have completed the Indigenous Perspectives Designation.

Changes refer to Section 5 of the Agreement. The following will replace the information listed in Article 5.3:

- Students who have completed the Indigenous Perspectives Designation (IPD) and who meet the terms of this articulation agreement are eligible to receive an additional transfer credit.
- Students will receive credit for INDG 1002H – Foundations of Modern Indigenous Life for completing INDG 128 – Introduction to Indigenous Knowledges.
- Completion of INDG 49 – Introduction to Indigenous Studies is already recognized as part of the original transfer credit block, providing INDG 1001H - The Foundation for Reconciliation as transfer credit.
- While students are eligible for 7.0 credits with completion of the Indigenous Perspectives Designation, only 6.5 transfer credits are applicable towards the Conservation Biology degree at Trent University.

MAY 2026

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5649

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S
BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

AND

TRENT UNIVERSITY'S
BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

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 have occurred:

- Changes to Conservation Biology Co-Op degree requirements reflecting additional elective choice courses.

These changes specifically refer to Section 6 of the Agreement.

6.3. BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY CO-OP: PROGRAM REQUIREMENTS

To satisfy the requirements of Trent University's Bachelor of Science (Honours) in Conservation Biology (Co-Op Stream), 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.

Conservation Biology – Co-op Program		
Program Requirements	**Courses Granted Through Transfer Equivalency**	**Courses Students Still Need to Take**
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
6.5 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2070H, 2260H, 2600H, 3111H, 3380H, 3391H, 3600H, 4500H, and 4510H	BIOL 1020H and 3111H	BIOL 1030H, 2000H, 2050H, 2070H, 2260H, 2600H, 3380H, 3391H, 3600H, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	BIOL 3190H	---
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
0.5 COOP credit consisting of COOP 2000H	---	COOP 2000H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
1.0 MATH credit consisting of MATH 1051H and 1052H	MATH 1051H	MATH 1052H
0.5 MATH credit from MATH 1006H or 1110H	---	MATH 1006H or 1110H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	PHYS 1000H, 1001H, or PHYS-BIOL 1060H

At least 3.5 credits from BIOL-ERSC-SAFS 2350H, BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3200H, 3340H, 3360H, 3830H, 3840H, 3850H, 3851H, 3852H, 3853H, 3901H, 3902H**. 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4330H, 4340H, 4410H, 4520H, 4550H, 4610H, 4830H, 4900Y**, ERSC-GEOG 3010H, 3020H, ERSC 3160H, 3200Y, 3260H, 3510H, 3650H, 4240H, 4520H, 4640H, 4801H, 4802H, ERST 2100H, 3110H, 3120H, 3301H, 3302H, 4670H** *** if not taken as a required course**	---	At least 3.5 credits from BIOL-ERSC-SAFS 2350H, BIOL 3050H, 3051H, 3080H, 3090H, 3140H, 3170H*, 3180H, 3190H*, 3200H, 3340H, 3360H, 3830H, 3840H, 3850H, 3851H, 3852H, 3853H, 3901H**, 3902H**, 4010Y, 4020D, 4030H, 4110H, 4140H, 4150H, 4180H, 4330H, 4340H, 4410H, 4520H, 4550H, 4610H, 4830H, 4900Y**, ERSC-GEOG 3010H, 3020H, ERSC 3160H, 3200Y, 3260H, 3510H, 3650H, 4240H, 4520H, 4640H, 4801H, 4802H, ERST 2100H, 3110H, 3120H, 3301H, 3302H, 4670H * if not taken as a required course
3.5 additional credits	BIOL 2001H and 2100H; GEOG 2090H; INDG 1001H; 1.0 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level	---
General University Requirements		
A minimum of 14.0 science credits, including 1.0 MATH credit	6.0 assigned through transfer credit	Fulfilled through program requirements
A minimum of 7.0 credits at the 3000 or 4000 level	1.0 assigned through transfer credit	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	3.0 assigned through transfer credit	3.0 required above; Maximum 1.0 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

SEPTEMBER 2026

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5649

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE'S ONTARIO COLLEGE DIPLOMA IN CONSERVATION BIOLOGY

AND

TRENT UNIVERSITY'S BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY

This Addendum recognizes the changes outlined below, which shall take effect for students commencing studies at Fleming College as of Fall 2026. These changes will remain in effect until the above-noted Agreement expires or is replaced by a subsequent agreement or addendum, whichever occurs first.

The following changes have been made:

- Updated transfer credit block to reflect changes to Conservation Biology Diploma program requirements;
- Updated degree requirement chart to reflect the updated transfer credit block.

The changes outlined in this Addendum specifically refer to Sections 5 and 6 of the Agreement.

5.1. CONSERVATION BIOLOGY DIPLOMA: TRANSFER CREDITS

Graduates of Fleming College's Conservation Biology Diploma, who meet the pathway eligibility requirements outlined in Article 4.1, will be granted 6.5 credits towards the 20.0 credit Bachelor of Science (Honours) in Conservation Biology at Trent University. Credits will be transferred as follows:

Courses Completed at Fleming College	Course Equivalencies at Trent University	Credit Weight
ECOS 13 – Field Skills (60 hours)	BIOL 1020H – Foundations of Biodiversity	0.5
SCIE 176 – Biodiversity Conservation Field Techniques (60 hours)	BIOL 2001H – Field Methods	0.5
SCIE 177 – Biodiversity of Invertebrates (60 hours)	BIOL 2100H – Biology of Invertebrates	0.5
FIWI 63 – Biodiversity of Vertebrates (60 hours)	BIOL 3111H – Comparative Vertebrate Anatomy	0.5
FSTY 50 – Trees and Shrubs of Ontario (45 hours)	BIOL 3190H – Wild Plants of Ontario	0.5
SCIE 189 – Introduction to Environmental Chemical Science (60 hours)	CHEM 1000H – Introductory Chemistry I	0.5
ENVR 20 – Ecology and Environment (60 hours)	ERSC 1010H – Environmental Science and Sustainability	0.5
GEOM 34 – Introduction to Vector GIS (45 hours); GEOL 83 – Earth and Atmosphere (60 hours); GEOM 163 – Fundamentals of Geomatics (45 hours)	GEOG-ERSC 2090H – Introduction to Geographical Information Systems	0.5
INDG 49 – Introduction to Indigenous Studies (45 hours)	INDG 1001H – The Foundation for Reconciliation	0.5
MATH 25 – Statistics (45 hours)	MATH 1051H – Non-Calculus Statistics 1: Elementary Probability and Statistics	0.5
FIWI 41 – Wildlife Observation Skills (45 hours)	0.5 unassigned Biology credit at the 2000 level	0.5

ECOS 40 – Biodiversity Conservation Management (45 hours); APST 169 – Applied Research Project (60 hours)	0.5 unassigned Environmental and Resource Science credit at the 2000 level	0.5
Completion of all other program components	0.5 unassigned Science credit at the 1000 level	0.5

6.3. BACHELOR OF SCIENCE (HONOURS), CONSERVATION BIOLOGY: PROGRAM REQUIREMENTS

Students admitted through this pathway must satisfy the requirements of the Bachelor of Science (Honours) in Conservation Biology as outlined in the Trent University Undergraduate Academic Calendar applicable to their year of entry. Program requirements are subject to change. Students should consult the Academic Calendar (https://trentu.ca/calendar) for current degree requirements and regulations. Current program requirements, including requirements fulfilled through transfer credits awarded under this Agreement and credits remaining to be completed at Trent University, are as follows:

Degree Requirements	Requirements Fulfilled Through Transfer Credit	Requirements to be Completed at Trent University
Requirements for the Bachelor of Science (Honours) in Conservation Biology		
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
7.5 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2070H, 2260H, 2600H, 3111H, 3380H, 3391H, 3600H, 4400Y, 4500H, and 4510H	BIOL 1020H and 3111H	BIOL 1030H, 2000H, 2050H, 2070H, 2260H, 2600H, 3380H, 3391H, 3600H, 4400Y, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	BIOL 3190H	---
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
1.0 MATH credit consisting of MATH 1051H and 1052H	MATH 1051H	MATH 1051H
0.5 MATH credit from MATH 1006H or 1110H	---	MATH 1006H or 1110H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 3.0 credits in addition to the above from the following: BIOL-ERSC-SAFS 2350H, BIOL 3050H, BIOL 3051H, BIOL 3080H, BIOL 3090H, BIOL 3120H, BIOL 3140H, BIOL 3170H, BIOL 3180H, BIOL 3190H, BIOL 3200H, BIOL 3340H, BIOL-PSYC 3360H, BIOL 3830H, BIOL 3840H, BIOL 3850H/3851H/3852H/3853H, BIOL 3901H, BIOL 3902H, BIOL 4010Y/4020D, BIOL-ERSC 4030H, BIOL 4140H, BIOL 4150H, BIOL 4180H, BIOL-ERSC 4330H, BIOL 4340H, BIOL 4410H, BIOL 4520H, BIOL 4550H, BIOL 4610H, BIOL 4830H, BIOL 4900Y, ERSC-GEOG 3010H, ERSC 3160H, ERSC 3200Y, ERSC-BIOL 3260H, ERSC 3510H, ERSC-GEOG-SAFS 3650H, ERSC-BIOL 4240H, ERSC 4520H, ERSC-GEOG 4640H, ERSC/ERST 4801H, ERSC/ERST 4802H, ERST-POST 2100H, ERST 3110H, ERST-CAST-FRSC-POST 3120H, ERST-PHIL 3301H, ERST-PHIL-SAFS 3302H, ERST-CAST-HIST 4670H, GEOG-ERSC 3020H	---	At least 3.0 credits in addition to the above from the following: BIOL-ERSC-SAFS 2350H, BIOL 3050H, BIOL 3051H, BIOL 3080H, BIOL 3090H, BIOL 3120H, BIOL 3140H, BIOL 3170H, BIOL 3180H, BIOL 3190H, BIOL 3200H, BIOL 3340H, BIOL-PSYC 3360H, BIOL 3830H, BIOL 3840H, BIOL 3850H/3851H/3852H/3853H, BIOL 3901H, BIOL 3902H, BIOL 4010Y/4020D, BIOL-ERSC 4030H, BIOL 4140H, BIOL 4150H, BIOL 4180H, BIOL-ERSC 4330H, BIOL 4340H, BIOL 4410H, BIOL 4520H, BIOL 4550H, BIOL 4610H, BIOL 4830H, BIOL 4900Y, ERSC-GEOG 3010H, ERSC 3160H, ERSC 3200Y, ERSC-BIOL 3260H, ERSC 3510H, ERSC-GEOG-SAFS 3650H, ERSC-BIOL 4240H, ERSC 4520H, ERSC-GEOG 4640H, ERSC/ERST 4801H, ERSC/ERST 4802H, ERST-POST 2100H, ERST 3110H, ERST-CAST-FRSC-POST 3120H, ERST-PHIL 3301H, ERST-PHIL-SAFS 3302H,

		ERST-CAST-HIST 4670H, GEOG-ERSC 3020H
3.5 additional credits	BIOL 2001H and 2100H; INDG 1001H; GEOG 2090H; 0.5 unassigned BIOL 2000 level; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level	---
General University Requirements		
At least 3.0 credits, with a grade of 60% or higher, leading to majors in different disciplines	Fulfilled through transfer credit	---
At least 14.0 science credits, including 1.0 MATH credit	6.0 assigned through transfer credit, including 0.5 MATH credit	Fulfilled through program requirements
A minimum of 7.0 credits at the 3000 and/or 4000 level	1.0 assigned through transfer credit	Fulfilled through program requirements
A maximum of 7.0 credits at the 1000 level	3.0 assigned through transfer credit	3.0 required for major; Maximum 1.0 additional permitted
A minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---

Degree Requirements	Requirements Fulfilled Through Transfer Credit	Requirements to be Completed at Trent University
Requirements for the Bachelor of Science (Honours) in Conservation Biology – Co-op		
1.0 BIOC credit consisting of BIOC 2010H and 4100H	---	BIOC 2010H and 4100H
6.5 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2070H, 2260H, 2600H, 3111H, 3380H, 3391H, 3600H, 4500H, and 4510H	BIOL 1020H and 3111H	BIOL 1030H, 2000H, 2050H, 2070H, 2260H, 2600H, 3380H, 3391H, 3600H, 4500H, and 4510H
0.5 BIOL credit from BIOL 3170H or 3190H	BIOL 3190H	---
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H	CHEM 1010H
0.5 COOP credit consisting of COOP 2000H	---	COOP 2000H
1.0 ERSC credit consisting of ERSC 1010H and 1020H	ERSC 1010H	ERSC 1020H
0.5 ERST credit consisting of ERST 3250H	---	ERST 3250H
1.0 MATH credit consisting of MATH 1051H and 1052H	MATH 1051H	MATH 1051H
0.5 MATH credit from MATH 1006H or 1110H	---	MATH 1006H or 1110H
0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H	---	PHYS 1000H, 1001H, or PHYS-BIOL 1060H
At least 3.5 credits in addition to the above from the following: BIOL-ERSC-SAFS 2350H, BIOL 3050H, BIOL 3051H, BIOL 3080H, BIOL 3090H, BIOL 3120H, BIOL 3140H, BIOL 3170H, BIOL 3180H, BIOL 3190H, BIOL 3200H, BIOL 3340H, BIOL-PSYC 3360H, BIOL 3830H, BIOL 3840H, BIOL 3850H/3851H/3852H/3853H, BIOL 3901H, BIOL 3902H, BIOL 4010Y/4020D, BIOL-ERSC 4030H, BIOL 4140H, BIOL 4150H, BIOL 4180H, BIOL-ERSC 4330H, BIOL 4340H, BIOL 4410H, BIOL 4520H, BIOL 4550H, BIOL 4610H, BIOL 4830H, BIOL 4900Y, ERSC-GEOG 3010H, ERSC 3160H, ERSC 3200Y, ERSC-BIOL 3260H, ERSC 3510H, ERSC-GEOG-SAFS 3650H, ERSC-BIOL 4240H, ERSC 4520H, ERSC-GEOG 4640H, ERSC/ERST 4801H, ERSC/ERST 4802H, ERST-POST 2100H, ERST 3110H, ERST-CAST-FRSC-POST 3120H, ERST-PHIL 3301H, ERST-PHIL-SAFS 3302H, ERST-	---	At least 3.5 credits in addition to the above from the following: BIOL-ERSC-SAFS 2350H, BIOL 3050H, BIOL 3051H, BIOL 3080H, BIOL 3090H, BIOL 3120H, BIOL 3140H, BIOL 3170H, BIOL 3180H, BIOL 3190H, BIOL 3200H, BIOL 3340H, BIOL-PSYC 3360H, BIOL 3830H, BIOL 3840H, BIOL 3850H/3851H/3852H/3853H, BIOL 3901H, BIOL 3902H, BIOL 4010Y/4020D, BIOL-ERSC 4030H, BIOL 4140H, BIOL 4150H, BIOL 4180H, BIOL-ERSC 4330H, BIOL 4340H, BIOL 4410H, BIOL 4520H, BIOL 4550H, BIOL 4610H, BIOL 4830H, BIOL 4900Y, ERSC-GEOG

CAST-HIST 4670H, GEOG-ERSC 3020H		3010H, ERSC 3160H, ERSC 3200Y, ERSC-BIOL 3260H, ERSC 3510H, ERSC-GEOG-SAFS 3650H, ERSC-BIOL 4240H, ERSC 4520H, ERSC-GEOG 4640H, ERSC/ERST 4801H, ERSC/ERST 4802H, ERST-POST 2100H, ERST 3110H, ERST-CAST-FRSC-POST 3120H, ERST-PHIL 3301H, ERST-PHIL-SAFS 3302H, ERST-CAST-HIST 4670H, GEOG-ERSC 3020H
3.5 additional credits	BIOL 2001H and 2100H; INDG 1001H; GEOG 2090H; 0.5 unassigned BIOL 2000 level; 0.5 unassigned ERSC 2000 level; 0.5 unassigned SCIE 1000 level	---
General University Requirements		
At least 3.0 credits, with a grade of 60% or higher, leading to majors in different disciplines	Fulfilled through transfer credit	---
At least 14.0 science credits, including 1.0 MATH credit	6.0 assigned through transfer credit, including 0.5 MATH credit	Fulfilled through program requirements
A minimum of 7.0 credits at the 3000 and/or 4000 level	1.0 assigned through transfer credit	Fulfilled through program requirements
A maximum of 7.0 credits at the 1000 level	3.0 assigned through transfer credit	3.0 required for major; Maximum 1.0 additional permitted
A minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---