Fleming College

TRENT UNIVERSITY

ARTICULATION AGREEMENT:

ONTARIO COLLEGE CERTIFICATE IN PRE-HEALTH SCIENCES PATHWAY TO ADVANCED DIPLOMAS AND DEGREES

TO

BACHELOR OF SCIENCE (HONOURS), MULTIPLE MAJORS

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY

AND

TRENT UNIVERSITY

ORIGINAL AGREEMENT DATE: SEPTEMBER, 2021

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

Ontario College Certificate in Pre-Health Sciences Pathway to Diplomas and Degrees

to

Trent University's

Bachelor of Science (Honours), Multiple Majors

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 Pre-Health Sciences Pathway to Diplomas and Degrees Certificate 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 Pre-Health Sciences Pathway to Diploma and Degrees Certificate program with a seamless option for continuing their education in the Bachelor of Science (Honours) degree 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 Pre-Health Sciences Pathway to Diplomas and Degrees Certificate will be granted 3.5 credits towards a 20.0 credit Bachelor of Science (Honours) in a major of choice at Trent University.

3.2 Upon successful admission to Trent University, students are required to complete an additional 16.5 credits to meet degree requirements.

3.3 Students who have graduated from Fleming College's Pre-Health Sciences Pathway to Diplomas and Degrees Certificate, who commenced studies since Fall 2020, will be awarded the full 3.5 transfer credits provided they meet admission requirements under Article 4 of this agreement. 2.5 of these credits count towards the 14.0 or 11.0 credits required for a BSc Honours or BSc General degree,

respectively. 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 Pre-Health Sciences Pathway to Diplomas and Degrees Certificate;
- a minimum overall average of 75%.

NOTE: A minimum overall average of 80% is required for admission to the Computer Science Co-op program.

4.2. Students meeting the terms of this articulation agreement are eligible to apply to the following Bachelor of Science programs and receive the block of transfer credits outlined in Article 5.1:

- Biochemistry and Molecular Biology
- Biology
- Chemical Physics
- Chemistry
- Computer Science
- Computer Science Co-op
- Computer Science and Physics
- Conservation Biology
- Conservation Biology Co-op
- Environmental Chemistry
- Environmental Geoscience
- Environmental and Resource Science
- Environmental Science/Studies
- Financial Science
- Forensic Biology
- Forensic Chemistry
- Forensic Science
- Geography
- Indigenous Environmental Science/Studies
- Kinesiology
- Mathematical Economics
- Mathematics
- Physics
- Psychology
- Sustainable Agriculture and Food Systems
- Water Science

Eligible students may also apply to all Bachelor of Arts programs at Trent and receive the block of transfer credits outlined in Article 5.1.

4.3. Students meeting the terms of this articulation agreement are eligible to apply to the Bachelor of Science in Nursing (Honours), however transfer credits will not be granted for students admitted directly to the program.

4.4. Students must meet all specific admission and enrollment standards, and requirements for the specific program chosen and will be accepted subject to capacity, if applicable. Meeting the terms of this articulation agreement does not guarantee an offer of admission to the program of choice, as many programs have pre-determined enrolment caps and acceptance to some programs is highly competitive.

5. TRANSFER OF CREDITS

5.1. Students who are eligible, graduating from Fleming College's Pre-Health Sciences Pathway to Diplomas and Degrees Certificate program with a minimum average of 75%, will be granted 3.5 credits towards the successful completion of a 20.0 credit Bachelor of Science (Honours) at Trent University. Credits will be transferred as follows:

Courses completed at Fleming College	Course equivalencies at Trent University	Credits received
SCIE 167 – General and Human Biology I (60 hours) SCIE 168 – General and Human Biology II (60 hours)	BIOL 1030H – Foundations of Cellular and Molecular Biology	0.5
SCIE 169 – General and Organic Chemistry I (60 hours)	CHEM 1000H – Introductory Chemistry I	0.5
SCIE 170 – General and Organic Chemistry II (60 hours)	CHEM 1010H – Introductory Chemistry II	0.5
MATH 20 – Mathematics for Science (60 hours)	MATH 1001H – Precalculus Mathematics	0.5
SOCI 36 – Introduction to Psychology (45 hours)	PSYC 1020H – Introduction to Psychology Part 1: Experimental and Biological Bases of Behaviour	0.5
COMM 201 – Communications I (45 hours)	WRIT 1001H – Write in Time	0.5
Completion of all other program components	0.5 unassigned Arts credit at the 1000 level	0.5

5.2. As these credits recognize areas covered in Fleming College's Pre-Health Sciences Pathway to Diplomas and Degrees Certificate 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. Students interested in pursuing a major for which introductory requirements are not granted are encouraged to speak with an academic advisor about the potential for summer studies and degree mapping. Completion of summer studies may allow for students to complete their degree in three years, pending course availability.

6.4. To satisfy the requirements of Trent's Bachelor of Science (Honours) and the specific major chosen, 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.

General University Requirements		
A minimum of 14.0 science credits, including at least 1.0 MATH credit	2.5 assigned through transfer credit	11.5 additional required, including 1.0 MATH credit
A minimum of 7.0 credits at the 3000 or 4000 level	---	Minimum 7.0 required
A minimum of 3.0 credits with a grade of 60% leading to majors in different disciplines	Fulfilled through transfer credit	---
Maximum of 7.0 credits at the 1000 level	3.5 assigned through transfer credit	Maximum 3.5 additional permitted

Minimum of 0.5 credit from the Approved Indigenous Course List	---	Minimum 0.5 credit from the Approved Indigenous Course List

6.5. 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).

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

7. IMPLEMENTATION AND REVIEW

This agreement is subject to review whenever either party makes curricular changes that impact the agreement. When a change occurs, the program departments will notify their respective articulation designates so that the agreement can be updated. Articulation designates at each institution will review the agreement annually to ensure it is current. This Agreement may be terminated by either party. In this case, notice of one year is required. In the event of termination of the Agreement, every effort will be made to ensure that students currently enrolled in the program will not be affected.

8. ACCEPTANCE OF AGREEMENT

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

For, and on behalf of,
Trent University

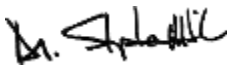


Dr. Holger Hintelmann
Dean of Science

Sept. 23, 2021

Date

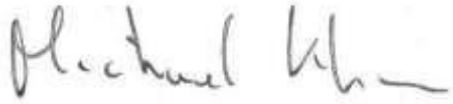
For, and on behalf of,
The Sir Sandford Fleming College of Applied Arts and Technology



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

September 28, 2021

Date



Dr. Michael Khan
Provost & Vice-President Academic

September 27, 2021

Date

ADDENDUM RECORD FOR ARTICULATION AGREEMENT #5725

- **SEPTEMBER 2022:**
  - Updated transfer credit block to reflect Communication course choices in the Pre-Health Sciences Pathway to Advanced Diplomas and Degrees Certificate.

- **NOVEMBER 2024:**
  - Amendments to Article 4.3 to clarify Nursing admission eligibility.

- **NOVEMBER 2026:**
  - Updated transfer credit block to reflect changes to the Pre-Health Sciences Pathway to Advanced Diplomas and Degrees Certificate program as of Fall 2026.

SEPTEMBER 2022

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5725

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S ONTARIO COLLEGE CERTIFICATE IN PRE-HEALTH SCIENCES PATHWAY TO ADVANCED DIPLOMA AND DEGREES

AND

TRENT UNIVERSITY'S BACHELOR OF SCIENCE (HONOURS), MULTIPLE MAJORS

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:

- COMM 201: Communications I has been replaced by COMM 19: Academic Writing and Research I in Fleming College's certificate in Pre-health Sciences to Advanced Diplomas and Degrees. This change will not affect the equivalencies granted in this agreement. Students are allowed to complete either COMM 19 or COMM 201 and qualify for this agreement.

These changes specifically refer to Sections 5.1 of the Agreement.

BACHELOR OF SCIENCE (HONOURS): TRANSFER CREDITS

Students graduating from the Pre-health Sciences to Advanced Diplomas and Degrees certificate program with a minimum overall average of 75%, who are eligible, will be grated 3.5 credits toward the successful completion of a 20.0 credit Bachelor of Science (Honours) degree.

Courses completed at Fleming College	Course equivalencies at Trent University	Credits received
SCIE 167 – General and Human Biology I (60 hours) SCIE 168 – General and Human Biology II (60 hours)	BIOL 1030H – Foundations of Cellular and Molecular Biology	0.5
SCIE 169 – General and Organic Chemistry I (60 hours)	CHEM 1000H – Introductory Chemistry I	0.5
SCIE 170 – General and Organic Chemistry II (60 hours)	CHEM 1010H – Introductory Chemistry II	0.5
MATH 20 – Mathematics for Science (60 hours)	MATH 1001H – Precalculus Mathematics	0.5
SOCI 36 – Introduction to Psychology (45 hours)	PSYC 1020H – Introduction to Psychology Part 1: Experimental and Biological Bases of Behaviour	0.5

COMM 19 – Academic Writing and Research I (45 Hours)	WRIT 1001H – Write in Time	0.5
Completion of all other program components	0.5 unassigned Arts credit at the 1000 level	0.5

BACHELOR OF SCIENCE (HONOURS): PROGRAM REQUIREMENTS

General University Requirements		
A minimum of 14.0 science credits, including at least 1.0 MATH credit	2.5 assigned through transfer credit	11.5 additional required, including 1.0 MATH credit
A minimum of 7.0 credits at the 3000 or 4000 level	---	Minimum 7.0 required
A minimum of 3.0 credits with a grade of 60% leading to majors in different disciplines	Fulfilled through transfer credit	---
Maximum of 7.0 credits at the 1000 level	3.5 assigned through transfer credit	Maximum 3.5 additional permitted
Minimum of 0.5 credit from the Approved Indigenous Course List	---	Minimum 0.5 credit from the Approved Indigenous Course List

NOVEMBER 2024

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5725

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S

ONTARIO COLLEGE CERTIFICATE IN PRE-HEALTH SCIENCES PATHWAY TO ADVANCED DIPLOMAS AND DEGREES

AND

TRENT UNIVERSITY'S

BACHELOR OF SCIENCE (HONOURS), MULTIPLE MAJORS

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 in to, whichever occurs first.

The following changes have occurred:

- Amendment to Article 4.3 to clarify Nursing admission requirements.

The following clause will replace information currently listed in Article 4.3:

4.3. Students meeting the terms of this articulation agreement are eligible to apply to the Bachelor of Science in Nursing (Honours), provided they achieve a minimum 70% grade in both semesters of Communications, as well as a minimum grade of 65% in both semesters of Biology, Chemistry and Math. Students admitted directly into Nursing are not eligible to receive transfer credits for completion of the Pre-Health Sciences Pathway to Advanced Diplomas and Degrees Certificate program. Refer to ONTransfer.ca (#10348) for further details.

NOVEMBER 2026

ADDENDUM

TO THE

ARTICULATION AGREEMENT #5725

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S ONTARIO COLLEGE CERTIFICATE IN PRE-HEALTH SCIENCES PATHWAY TO ADVANCED DIPLOMAS AND DEGREES CERTIFICATE

AND

TRENT UNIVERSITY'S BACHELOR OF SCIENCE (HONOURS), MULTIPLE MAJORS

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 curriculum changes for the Pre-Health Sciences Pathway to Advanced Diplomas and Degrees Certificate.

The changes outlined in this Addendum specifically refer to Section 5 of the Agreement.

5.1. PRE-HEALTH SCIENCES PATHWAY TO ADVANCED DIPLOMAS AND DEGREES CERTIFICATE: TRANSFER CREDITS

Graduates of Fleming College's Pre-Health Sciences Pathway to Advanced Diplomas and Degrees Certificate, who meet the pathway eligibility requirements outlined in Article 4.1, will be granted 3.5 credits towards the 20.0 credit Bachelor of Science (Honours) at Trent University. Credits will be transferred as follows:

Courses Completed at Fleming College	Course Equivalencies at Trent University	Credit Weight
SCIE 170 – General and Organic Chemistry (75 hours)	CHEM 1010H – Introductory Chemistry 2	0.5
MATH 20 – Mathematics I for Sciences (60 hours)	MATH 1001H – Precalculus Mathematics	0.5
SOCI 36 – Introduction to Psychology (45 hours)	PSYC 1020H – Introduction to Psychology Part 1: Experimental and Biological Bases of Behaviour	0.5
COMM 202 – Communications II (45 hours)	WRIT 2002H – Write It Up: Effective Communication	0.5
SCIE 148 – Human Biology I for Pre-Health Science (45 hours); SCIE 168 – General and Human Biology (75 hours)	0.5 unassigned Biology credit at the 1000 level	0.5
COMM 252 – Communications I for Health Professionals (45 hours)	0.5 unassigned Arts credit at the 1000 level	0.5
Completion of all program components	0.5 unassigned Arts credit at the 1000 level	0.5