

FEBRUARY 2024  
**ADDENDUM**  
 TO THE  
**ARTICULATION AGREEMENT #5865**  
 BETWEEN  
**THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S**  
**ONTARIO COLLEGE ADVANCED DIPLOMA IN BIOTECHNOLOGY**  
 AND  
**TRENT UNIVERSITY'S**  
**BACHELOR OF SCIENCE (HONOURS), 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:

- Updated transfer credit chart to reflect the deletion of FRSC 2220H – Forensic Chemistry;
- Updated degree requirement chart to reflect the new transfer credit block.

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

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

Students graduating from Fleming College's Biotechnology – Advanced Diploma program with a minimum overall average of 75%, who are eligible, will be granted 7.0 credits toward the successful completion of a 20.0 credit Bachelor of Science (Honours) in Biology degree.

<b>Courses Completed at Fleming College</b>	<b>Course Equivalencies at Trent University</b>	<b># of Credits Received</b>
SCIE 9 – Biology I (45 hours); SCIE 10 – Biology II (45 hours)	BIOL 1030H – Foundations of Cellular and Molecular Biology	0.5
SCIE 95 – Molecular Biology (60 hours)	BIOL 3080H – Molecular Biology	0.5
SCIE 94 – Microbiology (60 hours)	BIOL 3250H – Microbiology	0.5
SCIE 131 – Chemistry I (45 hours)	CHEM 1000H – Introductory Chemistry I	0.5
SCIE 132 – Chemistry II (45 hours)	CHEM 1010H – Introductory Chemistry II	0.5
SCIE 96 – Biochemistry (45 hours)	CHEM 2300H – Biochemical Concepts	0.5
INDG 49 – Introduction to Indigenous Studies (45 hours)	INDG 1001H – The Foundation for Reconciliation	0.5
SCIE 93 – Laboratory Physics (45 hours)	PHYS 1000H – Foundations of Physics	0.5
SCIE 89 – Forensic DNA Applications I (60 hours); SCIE 90 – Forensic DNA Applications II (60 hours); SCIE 91 – Forensic DNA Applications III (60 hours); SCIE 92 – Forensic DNA Applications IV (90 hours)	0.5 unassigned Forensic Science credit at the 1000 level	0.5
SCIE 146 – Forensic Chemistry (45 hours)	0.5 unassigned Forensic Science credit at the 2000 level	0.5

Completion of all program components	0.5 unassigned Biology credit at the 2000 level; 0.5 unassigned Science credit at the 1000 level; 1.0 unassigned Science credit at the 2000 level	2.0
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### **BACHELOR OF SCIENCE (HONOURS), BIOLOGY: PROGRAM REQUIREMENTS**

<b>Program Requirements</b>	<b>Courses Granted Through Transfer Equivalency</b>	<b>Courses Students Still Need to Take</b>
<b>3.5 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2070H, 2260H, and 2600H</b>	BIOL 1030H	BIOL 1020H, 2000H, 2050H, 2070H, 2260H, and 2600H
<b>5.0 BIOL, BIOC, or BIOM credits at the 3000 level or beyond</b>	BIOL 3080H and 3250H	4.0 BIOL, BIOC, or BIOM credits at the 3000 level or beyond
<b>1.5 BIOL, BIOC, or BIOM credits at the 2000 level or beyond in addition to the above</b>	0.5 unassigned BIOL 2000 level	1.0 BIOL, BIOC, or BIOM credits at the 2000 level in addition to the above
<b>1.0 CHEM credit consisting of CHEM 1000H and 1010H</b>	CHEM 1000H and 1010H	---
<b>1.0 MATH credit consisting of MATH 1051H and 1052H</b>	---	MATH 1051H and 1052H
<b>0.5 MATH credit from MATH 1005H or 1110H</b>	---	MATH 1005H or 1110H
<b>0.5 PHYS credit from PHYS 1000H, 1001H, or PHYS-BIOL 1060H</b>	PHYS 1000H	---
<b>0.5 credit in a humanities subject: AHCL, ARAB, ASLA, CAST, CHIN, COMM, CUST, ENGL, FREN, GESO, GREK, GRMN, HIST, ITAL, LATN, LING, PHIL, RUSS, SPAN, UNIV (excluding UNIV 1003H), WRIT</b>	---	0.5 credit in a humanities subject: AHCL, ARAB, ASLA, CAST, CHIN, COMM, CUST, ENGL, FREN, GESO, GREK, GRMN, HIST, ITAL, LATN, LING, PHIL, RUSS, SPAN, UNIV (excluding UNIV 1003H), WRIT
<b>6.5 additional credits</b>	CHEM 2300H; INDG 1001H; 0.5 unassigned FRSC 1000 level; 0.5 unassigned FRSC 2000 level; 0.5 unassigned SCIE 1000 level; 1.0 unassigned SCIE 2000 level	3.0 additional credits
<b>General University Requirements</b>		
<b>A minimum of 14.0 science credits, including 1.0 MATH credit</b>	6.5 assigned through transfer credit	Fulfilled through program requirements, including 1.0 MATH credit
<b>A minimum of 7.0 credits at the 3000 or 4000 level</b>	1.0 assigned through transfer credit	4.0 required above; Minimum 2.0 additional required
<b>A minimum of 3.0 credits with a grade of 60% leading to majors in a different discipline</b>	Fulfilled through transfer credit	---
<b>Maximum of 7.0 credits at the 1000 level</b>	3.5 assigned through transfer credit	2.0 required above; Maximum 1.5 additional required
<b>Minimum of 0.5 credit from the Approved Indigenous Course List</b>	INDG 1001H	---