

JANUARY 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 became effective as of the Fall 2023 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:

- Updated transfer credit block to reflect the following changes in the Biotechnology – Advanced Diploma:
 - LAWS 44 – Introduction to Canadian Justice System (45 hours) has been removed from the program;
- The degree requirement chart has been updated 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.

Courses Completed at Fleming College	Course Equivalencies at Trent University	# of Credits Received
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
SCIE 146 – Forensic Chemistry (45 hours)	FRSC 2220H – Forensic Chemistry	0.5
INDG 49 – Introduction to Indigenous Studies (45 hours)	INDG 1001H – 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);	0.5 unassigned Forensic Science credit at the 1000 level	0.5

SCIE 91 – Forensic DNA Applications III (60 hours); SCIE 92 – Forensic DNA Applications IV (90 hours)		
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

BACHELOR OF SCIENCE (HONOURS), BIOLOGY: PROGRAM REQUIREMENTS

Program Requirements	Courses Granted Through Transfer Equivalency	Courses Students Still Need to Take
3.5 BIOL credits consisting of BIOL 1020H, 1030H, 2000H, 2050H, 2070H, 2260H, and 2260H	BIOL 1030H	BIOL 1020H, 2000H, 2050H, 2070H, 2260H, and 2260H
5.0 BIOL, BIOC, or BIOM credits at the 3000 level or beyond	BIOL 3080H and 3250H	4.0 BIOL, BIOC, or BIOM credits at the 3000 level or beyond
1.5 BIOL, BIOC, or BIOM credits at the 2000 level or beyond in addition to the above	0.5 unassigned BIOL 2000 level	1.0 BIOL, BIOC, or BIOM credits at the 2000 level or beyond in addition to the above
1.0 CHEM credit consisting of CHEM 1000H and 1010H	CHEM 1000H and 1010H	---
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	---
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	---	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
6.5 additional credits	CHEM 2300H; FRSC 2220H; INDG 1001H; 0.5 unassigned FRSC 1000 level; 0.5 unassigned SCIE 1000 level; 1.0 unassigned SCIE 2000 level	3.0 additional credits
General University Requirements		
A minimum of 14.0 science credits, including 1.0 MATH credit	6.5 assigned through transfer credit	Fulfilled through program requirements, including 1.0 MATH credit
A minimum of 7.0 credits at the 3000 or 4000 level	1.0 assigned through transfer credit	4.0 required above; Minimum 2.0 additional required
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	3.5 assigned through transfer credit	2.0 required above; Maximum 1.5 additional required
Minimum of 0.5 credit from the Approved Indigenous Course List	INDG 1001H	---