

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 2110H – Biology of Invertebrates	0.5
FIWI 63 – Biodiversity of Vertebrates (60 hours)	BIOL 2100H – 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,

<p>3510H, ERSC-GEOG-SAFS 3650H, ERSC-BIOL 4240H, ERST-POST 2100H, ERST 3110H, ERST-CAST-POST 3120H, and/or ERST-PHIL 3301H</p> <p>* if not taken as a required course</p>		<p>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</p> <p>* if not taken as a required course</p>
<p>4.5 additional credits</p>	<p>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</p>	<p>---</p>
<p>General University Requirements</p>		
<p>A minimum of 14.0 science credits, including at least 1.0 MATH credit</p>	<p>3.5 assigned through transfer credit</p>	<p>Fulfilled through program requirements</p>
<p>A minimum of 7.0 credits at the 3000 or 4000 level</p>	<p>---</p>	<p>Fulfilled through program requirements</p>
<p>A minimum of 3.0 credits with a grade of 60% leading to majors in different disciplines</p>	<p>Fulfilled through transfer credit</p>	<p>---</p>
<p>Maximum of 7.0 credits at the 1000 level</p>	<p>3.0 assigned through transfer credit</p>	<p>3.0 required above; Maximum 1.0 additional permitted</p>
<p>Minimum of 0.5 credit from the Approved Indigenous Course List</p>	<p>INDG 1001H</p>	<p>---</p>