



ARTICULATION AGREEMENT

BETWEEN

THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY
PETERBOROUGH, ONTARIO, CANADA

AND

WILFRID LAURIER UNIVERSITY
WATERLOO, ONTARIO, CANADA

SEPTEMBER 2021

The PARTIES to this ARTICULATION AGREEMENT are The Sir Sandford Fleming College of Applied Arts and Technology (hereinafter referred to as "FLEMING"), whose address is 599 Brealey Drive, Peterborough, Ontario K9J 7B1, Canada and WILFRID LAURIER UNIVERSITY (hereinafter referred to as "WLU"), whose address is 75 University Avenue West, Waterloo, Ontario, Canada.

For this AGREEMENT:

- "AGREEMENT" shall mean this Articulation Agreement, and any or all of its attached Schedules and Appendices and additional documents incorporated by reference.
- "PARTIES" shall refer to both THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY and WILFRID LAURIER UNIVERSITY.
- "PARTY" shall refer to either THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY or WILFRID LAURIER UNIVERSITY.

ARTICLE 1: PURPOSE

This Agreement aims to provide meaningful opportunities for FLEMING alumni to continue their education at WLU. This AGREEMENT establishes the principles, guidelines, and procedures governing admission and assessment of selected qualified candidates to enter select degree programs at WLU after completing select programs at FLEMING.

This innovative pathway allows FLEMING graduates from the School of Environment and Natural Resource Sciences to follow up their 2-year Ontario College Diploma in ENVIRONMENTAL TECHNICIAN, Ecosystem Management Technician, and Fish and Wildlife Technician or 3-year Ontario College Advanced Diploma in Environmental Technology, Ecosystem Management Technology, and Fish and Wildlife Technology with an Honours Bachelor of Arts Environmental Studies degree from WLU in just two more years of full-time study. This provides an opportunity to combine the applied skills of college programs with the university degree's theoretical knowledge and research skills in the time it usually takes for a 4-year degree. This is the first of such programs at WLU.

At WLU, students would complete 10.0 credits consisting of required core senior Geography and Environmental Studies (GES) courses plus electives. Core requirements include thematic courses in environmental theory/issues, ecological systems, protected areas, hydrology, and geomorphology, combined with further applied training in environmental impact assessment, spatial analysis, geovisualization, GIS, remote sensing, and research methods. Immersion into the life and culture of GES will be accelerated by participation in an extended 3rd-year field camp with all other honours students at the very beginning of the program.

The program requirements have been selected to expand college student's theoretical knowledge and research skills, immerse them in the same senior-level experience as our current majors and allow them considerable flexibility to sample from the same breadth of courses as our traditional

majors. Incoming college students are expected to enhance the overall experience of other students as they share their knowledge and skills as part of collaborative work.

ARTICLE 2: ROLES AND RESPONSIBILITIES

Collaboration

- Each PARTY will have faculty, departments, or designates responsible for coordinating collaborative discussions to enhance and coordinate this AGREEMENT. The frequency of discussions is to be mutually determined by the PARTIES.
- Each PARTY will communicate with the other about possible or anticipated changes to their program(s).

Recruitment and Marketing

- The PARTIES agree to support this AGREEMENT by providing timely information to an interested candidate.

The PARTIES will mention this AGREEMENT in promotional materials and advertisements about their respective programs, during related special events and on their websites.

ARTICLE 3: ADMISSION REQUIREMENTS

All applications to all programs of study are subject to assessment according to the institution's admissions procedures and criteria, which may be amended from time to time. All WLU's programs of study are subject to enrolment limitations. Admission to any program of study will be at the sole discretion of WLU, even where a candidate has satisfied all applicable admission and related requirements. Neither PARTY shall bear any responsibility for late, incomplete, or deficient admission applications.

Each PARTY acknowledges that the existence of any program description in any promotional material does not constitute a legal undertaking that the program is available.

ARTICLE 4: 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 to update this Agreement. Articulation designates at each PARTY will review the AGREEMENT annually to ensure it is current.

ARTICLE 5: DATA SHARING AND EVALUATION

To evaluate the Agreement's success, the PARTY will provide FLEMING with progress reports regarding the candidates. The report's use shall be limited to academic information for statistical,

administrative and/or research purposes. The frequency of a progress report is to be determined by the PARTIES.

Where possible, an evaluation of the AGREEMENT will consist of both PARTIES examining:

- The number of applicants to a program of study;
- The number of qualified candidates admitted and subsequently enrolled into a program of study;
- The number of candidates that successfully obtained both academic credentials;
- Admission procedures, program planning, timelines and special requirements; and/or
- Recommendations for types and times of promotion efforts.

The PARTIES acknowledge that each PARTY is subject to its own jurisdiction's laws regarding information disclosure and/or privacy and that access to information in respect of this AGREEMENT will be provided per those laws. Both parties acknowledge that each Party is subject to the Freedom of Information and Protection of Privacy Act, RSO. 1990, c. F.31 (Ontario) "FIPPA". T

Each PARTY agrees to maintain in confidence and safeguard all Confidential Information of the other, and any Personal Information disclosed to it by the other.

ARTICLE 6: AMENDMENT

No amendment of or to this AGREEMENT shall be effective unless made in writing and signed by the PARTIES.

ARTICLE 7: MARKS, LOGOS AND NAMES

A PARTY shall seek permission from the other before using the other's name, trademark, logo, or other associated marks in any promotional material. Upon the expiration or termination of this AGREEMENT, the PARTIES shall forthwith, at their own cost and expense, discontinue the display of the other's marks.

ARTICLE 8: TERMS AND CONDITIONS OF THE AGREEMENT

- I. This AGREEMENT is effective from the 1st day of September 2021 for two (2) calendar years.
- II. Either PARTY may terminate this AGREEMENT. In this case, a notice of three (3) months is required. The termination request shall be submitted in writing to the individual(s) noted in ARTICLE 10: ADMINISTRATIVE CONTACTS. If the AGREEMENT is terminated, every effort will ensure that candidates enrolled in the program will not be affected.

ARTICLE 9: INDEMNIFICATION AND LIABILITY

This AGREEMENT is not intended to create or impose any liability of any type to any PARTY, and no liability will arise or be assumed between the PARTIES as a result of this AGREEMENT. Each PARTY shall indemnify and save harmless the other PARTY from all costs, losses, damages, judgments, claims, demands, suits, actions, complaints or other proceedings in any manner based upon, occasioned by or attributable to anything done or omitted to be done by the PARTY or its directors, officers, employees, candidates, students or affiliates, under this AGREEMENT.

Nothing in this AGREEMENT shall be construed to constitute the PARTIES as a partner, joint venturer, franchisee or franchisor, agent or representative of the other PARTY for any purpose whatsoever. Neither PARTY is authorized to enter into agreements for or on behalf of the other PARTY, make representations, or otherwise bind the other PARTY.

ARTICLE 10: ADMINISTRATIVE CONTACTS

FLEMING	WLU
Dr. Stephanie Dimech Vice President, Academic Experience and Chief Learning Officer stephanie.dimech@flamingcollege.ca	Dr. Mary-Louise Bryne Chairperson - Geography & Environmental Studies mlbyrne@wlu.ca Dr. Anthony Vannelli Provost & Vice President: Academic avannelli@wlu.ca

ARTICLE 11: ADDITIONAL PROVISIONS

- I. Neither PARTY may assign this AGREEMENT or change the operation of this AGREEMENT, in whole or in part, without the written consent of the other.
- II. This AGREEMENT constitutes the entire AGREEMENT between WLU and FLEMING, and there is no representation, warranty, collateral agreement or condition affecting this AGREEMENT other than expressed here in writing.
- III. This AGREEMENT will be governed by and per the laws of the Province of Ontario.
- IV. Time shall be the essence of this AGREEMENT.
- V. If any of the provisions of this AGREEMENT become invalid, illegal or unenforceable in any respects under any applicable law, the validity, legality and enforceability of the remaining provisions shall not in any way be effected or impaired.

VI. This AGREEMENT shall enure to and be binding upon the PARTIES hereto, successors, and permitted assigns.

SIGNATURES

AUTHORIZED SIGNATORIES. Each institution represents that the individuals signing this AGREEMENT have the authority to sign in the capacity indicated.

SIGNED for and on behalf of The Sir Sandford Fleming College of Applied Arts and Technology by:



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

September 13, 2021

Date

SIGNED for and on Wilfrid Laurier University by:



Dr. Anthony Vannelli
Provost & Vice President: Academic

September 29, 2021

Date

SCHEDULES

HONOURS BACHELOR OF ARTS IN ENVIRONMENTAL STUDIES8
 Ontario College Diploma in Environmental Technician.
 Ontario College Advanced Diploma in Environmental Technology.

HONOURS BACHELOR OF ARTS IN ENVIRONMENTAL STUDIES 10
 Ontario College Diploma in Ecosystem Management Technician.
 Ontario College Advanced Diploma in Ecosystem Management Technology.

HONOURS BACHELOR OF ARTS IN ENVIRONMENTAL STUDIES 12
 Ontario College Diploma in Fish and Wildlife Technician.
 Ontario College Advanced Diploma in Fish and Wildlife Technology.

SCHEDULE A

Program of Study	HONOURS BACHELOR OF ARTS IN ENVIRONMENTAL STUDIES
Date of Implementation	April 2017
Date of Renewal	August 2023

REQUISITE PROGRAMS – CHOOSE ONE

ONTARIO COLLEGE DIPLOMA IN ENVIRONMENTAL TECHNICIAN.

ONTARIO COLLEGE ADVANCED DIPLOMA IN ENVIRONMENTAL TECHNOLOGY.

ADMISSION REQUIREMENT

A FLEMING requisite program graduate with a B- (70%) program average will be eligible for admission consideration. WLU does not guarantee admission into the program and retains the right to limit the number of candidates admitted under this Agreement.

TRANSFER CREDIT

WLU will grant 10.0 total transfer credits for the FLEMING programs considered, per the table below. Note that 5.0 of these are the same across all programs (3.5 GES credits + 1.5 Biology credits). In contrast, two programs have additional specific BIOL and WASC (Applied Water Science) credits (in italics), followed by a specified number of UU credits.

Fleming Program	GES Courses	Biology Courses	Junior UU credits	Senior UU Credits	TOTAL
Environmental Technician	ES 110 Environment, Sustainability and Society GG101 Intro Physical Geog GG102 Intro Human Geog GG251 Cartography GG254 Geog Info & Analysis GG258 Geog Research Methods	BIOL111 Unifying Life Processes BIOL266 Life on Earth: Plants BIOL391 Field Ecology of Southern Ontario	3.0	2.5	10.0

COMPLETION TIMEFRAME

HONOURS BACHELOR OF ARTS IN ENVIRONMENTAL STUDIES program can be completed in four (4) academic semesters or two (2) academic years.

The 10.0 credit courses required to complete the Honours BA Environmental Studies include:

- 4.0 Core GES credits:
 - ES293 Social-Ecological Systems Approaches

- ES298 Environmental Thought
- GG281 Atmosphere and Hydrosphere
- GG282 Geomorphology and Soils
- ES/GG290 Global Resource and Environmental Issues
- ES392 Environmental Impact Assessment
- ES398 Parks and Protected Areas
- ES/GG399 Third Year Field Studies
- At least one (0.5 credits) of:
 - GG351 Thematic Cartography and Geovisualization
 - GG355 Remote Sensing for Geography and Environmental Studies
 - GG360 Research Methods and Thesis Preparation
 - GG361 Spatial Analysis
 - GG368 Computer Applications in Geography
 - GG369 Geographical Information Systems
- 4.0 senior GES credits with no more than 1.0 at the 200 level and at least 1.0 at the 400 level
- 1.5 electives at the senior level of which up to 1.0 could be from GES

ALIGNMENT STUDY REQUIREMENTS

None.

ADDITIONAL NOTES

The required courses at WLU have been selected to fill the knowledge gaps and permit the FLEMING students to complete a degree program with a similar overall composition to the four-year Honours BA Environmental Studies (that program can be viewed at <https://academic-calendar.wlu.ca/program.php?cal=1&d=2196&p=4780&s=965&y=81>).

CURRICULUM/ACADEMIC CALENDAR VERSION

FLEMING – Fall 2020

WLU – 2020-2021

SCHEDULE B

Program of Study	HONOURS BACHELOR OF ARTS IN ENVIRONMENTAL STUDIES
Date of Implementation	April 2017
Date of Renewal	August 2023

REQUISITE PROGRAMS – CHOOSE ONE

Ontario College Diploma in Ecosystem Management Technician.

Ontario College Advanced Diploma in Ecosystem Management Technology.

ADMISSION REQUIREMENT

A FLEMING requisite program graduate with a B- (70%) program average will be eligible for admission consideration. WLU does not guarantee admission into the program and retains the right to limit the number of candidates admitted under this Agreement.

TRANSFER CREDIT

WLU will grant 10.0 total transfer credits for the FLEMING programs considered, per the table below. Note that 5.0 of these are the same across all programs (3.5 GES credits + 1.5 Biology credits). In contrast, two programs have additional specific BIOL and WASC (Applied Water Science) credits (in italics), followed by a specified number of UU credits.

Fleming Program	GES Courses	Biology Courses	Junior UU credits	Senior UU Credits	TOTAL
Ecosystem Management Technician	ES 110 Environment, Sustainability and Society GG101 Intro Physical Geog GG102 Intro Human Geog GG251 Cartography GG254 Geog Info & Analysis GG258 Geog Research Methods	BIOL111 Unifying Life Processes BIOL266 Life on Earth: Plants BIOL391 Field Ecology of Southern Ontario + <i>BIOL301 Global Ecology and Biogeography</i> <i>WASC303 Field Methods in Applied Water Science</i>	3.0	1.5	10.0

COMPLETION TIMEFRAME

HONOURS BACHELOR OF ARTS IN ENVIRONMENTAL STUDIES program can be completed in four (4) academic semesters or two (2) academic years.

The 10.0 credit courses required to complete the Honours BA Environmental Studies include:

- 4.0 Core GES credits: ES293, ES298, GG281, GG282, ES/GG290, ES392, ES398, ES/GG399
- At least one (0.5 credits) of: GG351, GG355, GG360, GG361, GG368, GG369
- 4.0 senior GES credits with no more than 1.0 at the 200 level and at least 1.0 at the 400 level
- 1.5 electives at the senior level of which up to 1.0 could be from GES

ALIGNMENT STUDY REQUIREMENTS

None.

ADDITIONAL NOTES

The required courses at WLU have been selected to fill the knowledge gaps and permit the FLEMING students to complete a degree program with a similar overall composition to the four-year Honours BA Environmental Studies (that program can be viewed at <https://academic-calendar.wlu.ca/program.php?cal=1&d=2196&p=4780&s=965&y=81>).

CURRICULUM/ACADEMIC CALENDAR VERSION

FLEMING – Fall 2020

WLU – 2020-2021

SCHEDULE C

Program of Study	HONOURS BACHELOR OF ARTS IN ENVIRONMENTAL STUDIES
Date of Implementation	April 2017
Date of Renewal	August 2023

REQUISITE PROGRAMS – CHOOSE ONE

Ontario College Diploma in Fish and Wildlife Technician.

Ontario College Advanced Diploma in Fish and Wildlife Technology.

ADMISSION REQUIREMENT

A FLEMING requisite program graduate with a B- (70%) program average will be eligible for admission consideration. WLU does not guarantee admission into the program and retains the right to limit the number of candidates admitted under this Agreement.

TRANSFER CREDIT

WLU will grant 10.0 total transfer credits for the FLEMING programs considered, per the table below. Note that 5.0 of these are the same across all programs (3.5 GES credits + 1.5 Biology credits). In contrast, two programs have additional specific BIOL and WASC (Applied Water Science) credits (in italics), followed by a specified number of UU credits.

Fleming Program	GES Courses	Biology Courses	Junior UU credits	Senior UU Credits	TOTAL
Fish and Wildlife Technician	ES 110 Environment, Sustainability and Society GG101 Intro Physical Geog GG102 Intro Human Geog GG251 Cartography GG254 Geog Info & Analysis GG258 Geog Research Methods	BIOL111 Unifying Life Processes BIOL266 Life on Earth: Plants BIOL391 Field Ecology of Southern Ontario + <i>BIOL256 Life on Earth: Animals</i> <i>BIOL301 Global Ecology & Biogeography</i> <i>WASC302 Limnology</i> <i>WASC303 Field Methods in Applied Water Science</i>	3.0	0.5	10.0

COMPLETION TIMEFRAME

HONOURS BACHELOR OF ARTS IN ENVIRONMENTAL STUDIES program can be completed in four (4) academic semesters or two (2) academic years.

The 10.0 credit courses required to complete the Honours BA Environmental Studies include:

- 4.0 Core GES credits: ES293, ES298, GG281, GG282, ES/GG290, ES392, ES398, ES/GG399
- At least one (0.5 credits) of: GG351, GG355, GG360, GG361, GG368, GG369
- 4.0 senior GES credits with no more than 1.0 at the 200 level and at least 1.0 at the 400 level
- 1.5 electives at the senior level of which up to 1.0 could be from GES

ALIGNMENT STUDY REQUIREMENTS

None.

ADDITIONAL NOTES

The required courses at WLU have been selected to fill the knowledge gaps and permit the FLEMING students to complete a degree program with a similar overall composition to the four-year Honours BA Environmental Studies (that program can be viewed at <https://academic-calendar.wlu.ca/program.php?cal=1&d=2196&p=4780&s=965&y=81>).

CURRICULUM/ACADEMIC CALENDAR VERSION

FLEMING – Fall 2020

WLU – 2020-2021

March 2022

Addendum to the Articulation Agreement – Schedule B & C
 Between
 Fleming College's
 Ecosystem Management Technician Diploma (ONCAT #5630)
 Ecosystem Management Technology Advanced Diploma (ONCAT #5726)
 Fish and Wildlife Technician Diploma (ONCAT #4936)
 Fish and Wildlife Technology Advanced Diploma (ONCAT #4940)
 and
 Wilfrid Laurier University's
 Bachelor of Arts (Honours) in Environmental Studies

SCHEDULE B

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

The following changes have occurred to the degree requirements at Wilfrid Laurier University:

Added	Deleted
BI 206: Ecology	BI 301: Global Ecology & Biogeography

TRANSFER CREDIT

Wilfrid Laurier University will grant 10.0 total transfer credits for the Fleming programs considered, per the table below. Note that 5.0 of these are the same across all programs (3.5 GES credits + 1.5 Biology credits). In contrast, two programs have additional specific BIOL and WASC (Applied Water Science) credits (in italics), followed by a specified number of UU credits.

Fleming Program	GES Courses	Biology Courses	Junior UU credits	Senior UU Credits	TOTAL
Ecosystem Management Technician	ES 110 Environment, Sustainability and Society GG101 Intro Physical Geog GG102 Intro Human Geog	BIOL111 Unifying Life Processes BIOL266 Life on Earth: Plants BIOL391 Field Ecology of Southern Ontario + <i>BIOL256 Life on Earth: Animals</i>	3.0	1.5	10.0

	GG251 Cartography GG254 Geog Info & Analysis GG258 Geog Research Methods	BIOL301 Global Ecology & Biogeography BIOL 206 Ecology WASC303 Field Methods in Applied Water Science			
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COMPLETION TIMEFRAME

HONOURS BACHELOR OF ARTS IN ENVIRONMENTAL STUDIES program can be completed in four (4) academic semesters or two (2) academic years.

The 10.0 credit courses required to complete the Honours BA Environmental Studies include:

- 4.0 Core GES credits: ES293, ES298, GG281, GG282, ES/GG290, ES392, ES398, ES/GG399
- At least one (0.5 credits) of: GG351, GG355, GG360, GG361, GG368, GG369
- 4.0 senior GES credits with no more than 1.0 at the 200 level and at least 1.0 at the 400 level
- 1.5 electives at the senior level of which up to 1.0 could be from GES

SCHEDULE C

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

The following changes have occurred to the degree requirements at Wilfrid Laurier University:

Added	Deleted
BI 206: Ecology	BI 301: Global Ecology & Biogeography

TRANSFER CREDIT

Wilfrid Laurier University will grant 10.0 total transfer credits for the Fleming programs considered, per the table below. Note that 5.0 of these are the same across all programs (3.5 GES credits + 1.5 Biology credits). In contrast, two programs have additional specific BIOL and WASC (Applied Water Science) credits (in italics), followed by a specified number of UU credits.

Fleming Program	GES Courses	Biology Courses	Junior UU credits	Senior UU Credits	TOTAL
Fish and Wildlife Technician	ES 110 Environment, Sustainability and Society GG101 Intro Physical Geog GG102 Intro Human Geog GG251 Cartography GG254 Geog Info & Analysis GG258 Geog Research Methods	BIOL111 Unifying Life Processes BIOL266 Life on Earth: Plants BIOL391 Field Ecology of Southern Ontario + <i>BIOL256 Life on Earth: Animals</i> <i>BIOL301 Global Ecology & Biogeography</i> <i>BIOL 206 Ecology</i> <i>WASC302 Limnology</i> <i>WASC303 Field Methods in Applied Water Science</i>	3.0	0.5	10.0

COMPLETION TIMEFRAME

HONOURS BACHELOR OF ARTS IN ENVIRONMENTAL STUDIES program can be completed in four (4) academic semesters or two (2) academic years.

The 10.0 credit courses required to complete the Honours BA Environmental Studies include:

- 4.0 Core GES credits: ES293, ES298, GG281, GG282, ES/GG290, ES392, ES398, ES/GG399

- At least one (0.5 credits) of: GG351, GG355, GG360, GG361, GG368, GG369
- 4.0 senior GES credits with no more than 1.0 at the 200 level and at least 1.0 at the 400 level
- 1.5 electives at the senior level of which up to 1.0 could be from GES

SIGNING PAGE FOLLOWS

SIGNATURES

AUTHORIZED SIGNATORIES. Each institution represents that the individuals signing this AGREEMENT have the authority to sign in the capacity indicated.

SIGNED for and on behalf of The Sir Sandford Fleming College of Applied Arts and Technology by:



Sandra Dupret
Executive Vice President, Academic and
Student Experience

August 4, 2022

Date

SIGNED for and on Wilfrid Laurier University by:



Dr. Anthony Vannelli
Provost & Vice President: Academic

July 29, 2022

Date