

ARTICULATION AGREEMENT

YORK UNIVERSITY – FLEMING COLLEGE

DUAL CREDENTIAL PROGRAM

IN

ECOSYSTEM MANAGEMENT

AND

BACHELOR OF ENVIRONMENTAL STUDIES

This articulation agreement constitutes an agreement between York University and Fleming College. The participating units at the respective institutions are the Faculty of Environmental Studies at York University and the School of Environmental and Natural Resource Sciences at Fleming College.

Objective:

In 1999, a Joint Program in Ecosystem Management with Sir Sandford Fleming College (now Fleming College) was approved. Upon completion of the joint program, students receive both a B.E.S. degree from York, as well as a three-year advanced diploma from Fleming College in five years. This accelerated program can begin either at the college or the university, and is then completed at the partner institution.

This agreement reflects an update of the original agreement.

Program Requirements:

York University Students

York University students in the B.E.S. Honours Program may apply to the **Dual Credential Program in Ecosystem Management (DCEM) at Fleming College (FC)** during their third year of studies, and must maintain a minimum grade point average of 5.00 (C+).

Upon successfully completing the **DCEM**, students will receive their B.E.S. Honours Degree and their **Advanced Diploma in Ecosystem Management Technology (EMX)**. Students who intend to pursue this option must declare their intention after 1st year in the B.E.S. program and must declare Environmental Management as their Area of Concentration and must fulfill those requirements.

Degree Requirements for Students First Enrolling in the B.E.S. Program at York

Year 1 - (30 credits)

- ENVS 1000 6.0 Earth in Our Hands
- ENVS 1200 6.0 Taking Action: Engaging People and the Environment
- ENVS 1500 6.0 Introduction to Environmental Science: the Web of Life or equivalent
- Humanities (6 credits)
- Electives (6 credits)

Year 2 - (30 credits)

- ENVS 2100 6.0 Foundations in Environment and Culture
- ENVS 2400 6.0 Foundations of Environmental Management
- ENVS 2410 3.0 The Science and Pollution
- ENVS 2420 3.0 Ecology and Conservation Science
- ENVS 2009 3.0 Quantitative Methods in Environmental Studies
- ENVS 3010 3.0 Qualitative Methods in Environmental Studies
- ENVS 3230 3.0 Restoration Ecology
- Electives (3 credits)

Year 3 - (30 credits)

- ENVS 3226 3.0 Sustainable Urbanism
- ENVS 3420 3.0 Environmental Law
- ENVS 3505 3.0 Business and Sustainability
- ENVS 3520 3.0 Applications of Geographic Information Systems
- ENVS 4215 3.0 Globalization and Indigenous Peoples
- ENVS 4225 3.0 Urban Sustainability
- 12 credits at the 4000 level (chosen from the Area of Concentration in Environmental Management)

Degree Requirements for Students First Enrolling in the B.E.S. Program at York

Year 4 (at Fleming College)

Semester 1

- ECOS13 Ecosystem Skills
- ECOS3 Aquatic Ecosystems
- ECOS11 Terrestrial Ecosystems
- GEOM36 Geospatial Techniques
- GEOM34 (*) Introduction to Vector GIS
- ECOS10 (**) Restoration Ecology
- LAWS56 (***) Natural Resources Law

(*) ENVS3520 is considered an equivalent to GEOM34
York students taking both GEOM36 and GEOM34 need to be timetabled such that GEOM36 labs take place before GEOM34 labs.

(**) ENVS3230 is considered an equivalent to ECOS10

(***) ENVS3420 is considered an equivalent to LAWS56

Students may take additional courses from ETN, FW, FT, or ERJ if they have exemptions from GEOM34, ECOS10 or LAWS56, depending on seat availability and whether or not the course(s) selected fit within the students' assigned schedule.

Year 4 (at Fleming College)

Semester 2

- FSTY73 Forest Measurement
- FSTY50 Trees and Shrubs of Ontario
- FIWI41 Wildlife Observation Skills
- NATR41 Soils I
- NATR83 Soils II
- ECOS7 Ecosystem Monitoring and Assessment
- GEOM16 EM - Geomatics
- MGMT5 Human Relations
- FLPL108 Field Placement

Degree Requirements for Students First Enrolling in the B.E.S. Program at York

Year 5 (at Fleming College)

Semester 3

- FLPL4 Credit for Product I: Student Placement
- APST21 Field Camp
- FIWI14 Habitat Assessment
- LAWS70 Resource and Environmental Economics
- COMP84 Satellite Data Processing
- ECOS8 (*)First Nations and Sustainable Development
- ECOS12 (**)Urban Ecosystems

(*) ES/ENVS4215 considered equivalent to ECOS8; however, students are strongly encouraged to take part in active learning components of ECOS8 (e.g. talking circles, sweat lodge)

(**) ENVS 4225 or ENVS 3226 considered equivalents to ECOS12

Year 5 (at Fleming College)

Semester 4

- FLPL78 Credit for Product II: Student Placement
- GEOM3 Applications of GIS in Natural Resources
- ECOS6 Ecosystem Health
- FIWI30 Principles of Wildlife Management
- FSTY54 Urban and Regional Planning
- ECOS5 (*) Corporate and Organizational Sustainability
- TBD Joint Program Colloquium

(*) ENVS 3505 considered equivalent to ECOS5

It is strongly recommended that students DO NOT APPLY for exemptions in their semester 3 and 4 course load while at Fleming College, due to the number of applied experiences built into the curriculum. However, if the student chooses to ignore this advice, he or she may be eligible to select courses from other programs, once again depending upon availability of seats and that the courses fit into his or her assigned schedule.

York Course Credit Exclusions for Fleming College

Successful completion of the above courses will grant students exemption from the following courses at Fleming College:

- GEOM34 Introduction to Vector GIS
- ECOS8 First Nations and Sustainable Development
- ECOS10 Restoration Ecology
- ECOS12 Urban Ecosystems
- ECOS5 Corporate and Organizational Sustainability, and
- LAWS56 Natural Resources Law

Students may contact the Ecosystem Management Program Coordinator at Fleming for specific advice prior to being admitted to the Program.

Fleming College Students

Degree Requirements for Students Enrolling at York University after completing their Advanced Diploma in Ecosystem Management Technology (EMX) at Fleming College

Year 1

- ENVS 1000 6.0 Earth in Our Hands
- Humanities (6 credits)
- ENVS 2400 6.0 Foundations of Environmental Management
- **Plus one of the following:**
 - ENVS 2100 6.0 Foundations in Environment and Culture
 - ENVS 2200 6.0 Foundations of Urban and Regional Environments
 - ENVS 2300 6.0 Foundations of Environmental Politics
- **3.0 credits at 3000 level from any Area of Concentration in Environmental Studies**
- **Electives (3 credits)**

Degree Requirements for Students Enrolling at York University after completing their Advanced Diploma in Ecosystem Management Technology (EMX) at Fleming College

Year 2

- 12 credits at the 3000 or 4000 level (from the Area of Concentration in Environmental Management)
- 18 credits at the 4000 level (from the Area of Concentration in Environmental Management)

Course Credit Exclusions for Fleming College Technology (EMX) Students:

Students entering the Dual Credential Program in Environmental Studies from Fleming College will be exempted from the following courses:

- ENVS 1200 6.0 Taking Action: Engaging People and the Environment
- ENVS 1500 6.0 Introduction to Environmental Science: the Web of Life or equivalent
- ENVS 2009 3.0 Quantitative Methods in Environmental Studies
- ENVS 3010 3.0 Qualitative Methods in Environmental Studies
- ENVS 2410 3.0 The Science and Pollution
- ENVS 2420 3.0 Ecology and Conservation Science
- ENVS 3520 3.0 Applications of Geographic Information Systems
- ENVS 3521 3.0 Geoinformatics: Remote Sensing I
- ENVS 4442 3.0 Environmental Auditing
- ENVS 4520 3.0 Geographical Information Systems Applications in Environmental Studies

Grand-parenting arrangements for current students in the Program

With respect to grand parenting provisions, students currently enrolled in the program who have not completed these courses will be strongly encouraged but not required to take them.

The **grand-parenting** arrangements will be in place for a three -year period beginning September 2013 and ending April 30, 2016.

Application

York University students who wish to attend Fleming College will apply directly at Fleming College Registrar's Office, Frost campus, through an internal application.

Fleming College students who wish to attend York University will apply through OUAC.

Term of the Agreement

This agreement shall be in place for a period of three years commencing September 1, 2013. At the end of this time, the agreement will be subject to review and renewal by York University. If there are impediments to renewal, York University will notify the transfer partner of the impediments, with the goal of negotiating a new agreement. Final approval of the agreement will remain with the President of York University. Either party may terminate the agreement with reasonable notice.

York University retains the right to limit the number of students admitted under this agreement.

On behalf of Fleming College:

laurel _____
Blane Harvey, VP Academic

Linda Skilton, Dean, School of
Environmental & Natural Resource
Sciences

*Passed by
York Senate
no signatures
req'd.*



On behalf of York University:

Dr. Leesa Fawcett, Associate Dean

Date

Dr. Gail Fraser, Undergraduate Program
Director

Date