

Fleming College

Environmental Land Management – Canadian Context

Ontario College Graduate Certificate (4 semesters)

START IN SEPTEMBER 2022

Classes begin:	September 01, 2022
Offered at:	Frost Campus
Program code:	ELM
Tuition (Domestic):	\$2,933.25 per semester*
Tuition (International):	\$9,088.99 per semester*

* Tuition and fees subject to change.

Contribute to healthy, inclusive, and sustainable communities through environmental land management and planning. This is the only post-grad program of its kind in Ontario.

PROGRAM HIGHLIGHTS

Our graduate certificate will turn your passion for creating more liveable, sustainable communities into a career in Canada's environmental sector.

Throughout this intense program you will gain:

- » Expertise in supporting the planning development of lands according to municipal, provincial and federal legislation and industry standards/procedures
- » Practical experience in conducting environmental assessments and environmental impact studies
- » Knowledge of industry standards for collection and analysis of water and soil samples in the field to aid in the study and modelling of environmental problems
- » The ability to present spatial information using Geographic Information Systems (GIS) applications
- » Project management skills as well as negotiation, critical-thinking, and problem-solving skills to achieve goals within land use development projects and associated plans

This high demand skill set will prepare graduates for a wide variety of settings in the public, private or non-profit sectors. This program is specifically designed to support students transitioning into the Canadian environment.

Work Experience

You will complete a comprehensive applied project in the final semester, which is intended to meet all current and relevant legislations and standards.

Career Opportunities

Graduates have the skills to work in the planning and development industry within Ontario and beyond in roles of

assistant or junior planner positions in career areas such as:

- » Municipal land use planning
- » Urban planning
- » Urban planning
- » Parks and recreation planning
- » Transit planning
- » Environmental planning
- » Management consultancy

*Note that students will not be awarded Registered Professional Planner (RPP) or Certified Planning Technician (CPT) designations through this Fleming College program.

Indigenous Perspectives Designation

The Indigenous Perspectives Designation (IPD) is an option available to students studying in the Community and Justice Services program. To qualify for the IPD, students must take and successfully complete GNED49 - Introduction to Indigenous Studies and GNED128 - Indigenous Knowledges, along with a minimum of four approved co-curricular Indigenous events or experiences that will be incorporated into the final portfolio assignment in GNED128. The student's transcript will indicate the IPD designation. Upon graduation, students with an IPD will have a strong foundational basis in Indigenous Studies, and a designation that will be marketable in the employment sector.

Minimum Admission Requirements

- » A University degree or College diploma in a related field such as biology, ecology, geography, geoscience, engineering, or a related discipline.
- » English language proficiency of IELTS 6.5 (no band less than 6.0) or TOEFL 90

Courses and Descriptions

Semester 1

Canadian Governance & Geography	LAWS 334	Hours: 45
Communications for Environmental Practitioners	COMM 249	Hours: 45
Computers and Data Management for Environmental Practitioners	COMP 653	Hours: 45
Ecology and Environment	ENVR 20	Hours: 60
Ecosystem Skills	ECOS 13	Hours: 60
Environmental Protection in Canada	ENVR 149	Hours: 45

Semester 2

ELM Field Camp	APST 181	Hours: 24
GIS Applications for Environmental Planning	GEOM 119	Hours: 45
Human Populations, Water, and the Environment	ENVR 89	Hours: 30
Introduction to Indigenous Studies	INDG 49	Hours: 45
Introduction to Planning	ENVR 118	Hours: 45
Legislation and Planning Regulations	LAWS 306	Hours: 30
Natural Heritage Planning I	ENVR 117	Hours: 45
Soils and Ecosystems	NATR 129	Hours: 45

APST - 181 3 day off site field camp

Semester 3

Engaged Sustainable Development	CMRL 6	Hours: 45
Indigenous Communities and Environmental Planning	INDG 5	Hours: 45
Modern Environmental Planning Practices	ENVR 116	Hours: 45
Natural Heritage Planning II	ENVR 121	Hours: 42
Skills for Planners	NATR 131	Hours: 30
Spatial Analysis for Planners	GEOM 120	Hours: 45
Urban and Rural Planning	ENVR 120	Hours: 42

Semester 4

Advanced Environmental Planning Case Studies	ENVR 122	Hours: 45
Applied Project (AEN)	APST 178	Hours: 210
ELM Applied Project Planning	APST 182	Hours: 21
Land and Infrastructure Development	ENVR 119	Hours: 45

APST 182 front 7, APST 178 back 7

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