



145.C0

Environmental and Wildlife Management

Environmental issues are central to our lives. As a graduate of this professional program you will receive a science-based education as a technologist specializing in environmental monitoring and the management of renewable natural resources. Your training will emphasize a practical, hands-on approach to field and laboratory skills.

The EWM program makes use of equipment and techniques that conform to industry standards. We work closely with partners in the environmental industry to ensure that students graduate with the skills necessary for a successful career.

The EWM facilities include laboratories located on the Vanier College campus and a field station located in the beautiful Laurentians where most third year training takes place. The local surroundings provide access to many different ecosystems.

Third year students polish their skills with either a field or laboratory based internship, hosted by government and academic institutions or environmental businesses and organizations. Graduating students have succeeded in transforming this opportunity into full or part-time future employment.

As a student in this program you will be part of a small, tightly focused group with a powerful dynamic. If you are curious, analytical, enjoy the outdoors and are passionate about the natural environment, we encourage you to consider Vanier College's Environmental and Wildlife Management Program.

What can I do after I graduate with a DEC in Environmental and Wildlife Management?

Graduates work in private, public, and academic organizations involved in the inventory and management of birds, mammals, fish and habitats, environmental laboratories, environmental consulting services, water quality assessment, and in research laboratories. Graduates are currently working locally and in many countries of the world. For information on environmental careers, consult EcoCanada, www.eco.ca an organization that tracks the environment industry and offers information on related careers and training.

Yes, it is possible to continue on to university studies from this program.

Graduates applying to university should consult with an Academic Advisor to know the prerequisites of the program they wish to apply to. At certain institutions, graduates receive advanced standing.

Program Grid

SEMESTER 1

Cell Biology
Outlook on the Environment
General Chemistry
Computer Skills
English
Complimentary
Humanities

SEMESTER 2

Botany
Vertebrate Form and Function 1
Microbiology
Biometry
French
English
Physical Education

SEMESTER 3

Ecology
Vertebrate Form and Function 2
Vertebrate Taxonomy
Solution Chemistry
Physical Education
English
French
Humanities

SEMESTER 4

Invertebrate Zoology
Ecological Research Techniques
Laboratory Techniques
and Instrumentation
Bioremediation and
Waste Management
English
Humanities
Complementary
Physical Education
(Wilderness First Aid)

SEMESTER 5

(Note: Autumn Semester at the Field Station)

Plant Taxonomy
Entomology
Limnology
Fisheries Management
Ornithology
Ecotoxicology

SEMESTER 6

(Note: Autumn Semester at the Field Station)

Mammal Management
Plant Inventory
Internship
Research Project (Group)
Ecological Cartography
Environmental G.I.S.



Admission Requirements

Admission to the College is on the basis of the Quebec Secondary School Diploma (*Diplôme d'études secondaires*); or the Quebec Diploma of Vocational Education (*Diplôme d'études professionnelles*) with Secondary 5 first and second languages as well as Secondary 4 Mathematics; or equivalent scholarship completed outside the province.

Admission to Environmental and Wildlife Management requires:

- Math TS/SN 506 or Cegep Math 201-015-50 or adult education MTH 5101-5111 (inclusive)
- Chemistry 504 or Cegep Chemistry 202-001-50 or adult education CHE 5041, 5042 & 5043 with labs

Note swimming skills and small boat handling skills are an asset and must be acquired before the Field Station assignment.

Admissions Information:

admissions@vaniercollege.qc.ca or
514.744.7100 or 514.744.7881

Website:

www.vaniercollege.qc.ca/ewm
for more information including Course Descriptions
and Graduation and Academic standards

Coordinator:

ewm@vaniercollege.qc.ca or
514.744.7500 local 6009
for more information about the Environmental
and Wildlife Management program