



GEOGRAPHY AND ENVIRONMENTAL MANAGEMENT

BACHELOR OF ENVIRONMENTAL STUDIES

CO-OP AVAILABLE

TOP 40

in the world for geography
(Academic Ranking of
World Universities)

The world is your classroom

Explore how people and societies interact with the world around them. Delve into the dynamics of the Earth's physical systems. Help solve many of the planet's most pressing problems, such as climate change, water scarcity, global population growth, and more.

In Geography and Environmental Management, you'll learn advanced technical skills in environmental analysis, remote sensing techniques and using advanced mapping software. Gain hands-on skills in ecology labs and on field courses, and get valuable work experience on co-op.

Join one of Canada's best geography programs, and graduate with a degree that can take you around the globe.

YOUR FIRST YEAR

SEPTEMBER TO DECEMBER

- › GEOG 100: On Becoming a Geographer
- › GEOG 101: Human Geographies: People, Space and Change
- › GEOG 181: Designing Effective Maps
- › ENVS 178: Environmental Applications of Data Management and Statistics
- › 1 elective

JANUARY TO APRIL

- › GEOG 102: Global Environmental Systems: Processes and Change
- › One of: ENGL 109 Introduction to Academic Writing; ENGL 129R Written Academic English
- › ENVS 278: Applied Statistics for Environmental Research
- › 2 electives

ARCTIC FIELD COURSE

Field studies are an amazing opportunity to apply your knowledge and skills to the real world. In a recent field course, students traveled to the Canadian High Arctic and Greenland to examine the interconnections between the human and physical environment, and explore the impacts of climate change using multiple cross-disciplinary data analysis methods and interactive experiences.



UNIVERSITY OF
WATERLOO

CUSTOMIZATION IS KEY

With more than 70 geography courses to choose from and 22 electives, make your degree your own. Whether you're passionate about physical sciences, technology, or social sciences, you can concentrate in one area or try them all. You can also add a specialization in Climate Change and Environment, Economy and Society, Earth Systems Science, or Geomatics.

CAREERS IN GEOGRAPHY

Graduates pursue a variety of careers working in government, education, research, environmental consulting, and more.

GRADS AT WORK

- > Conservation Program Supervisor, Brantford Power
- > Planner, GIS Specialist, MMM Group
- > Environmental Assessment Officer, Natural Resources Canada
- > Associate, Climate Change and Sustainability Service, Ernst & Young, LLP
- > Geography Teacher, Thames Valley District School Board

CAREER INFO

uwaterloo.ca/future/careers/environment-sustainability

PLAN FOR YOUR FUTURE

You have the option to apply to the five-year co-op program or fast-track in the four-year regular option. In co-op, you'll alternate study and paid work terms.

20 MONTHS

of paid work experience before you graduate

EARN \$6,600-\$15,650

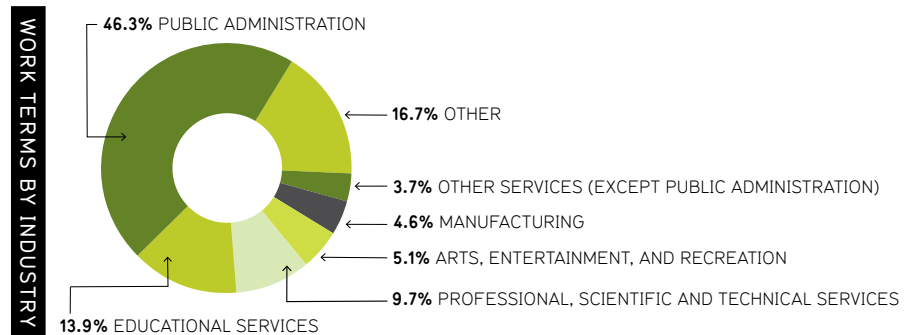
per co-op term

WORK AND STUDY SCHEDULE

YEAR	TERM	STUDY/WORK
1	Fall	Study
	Winter	Study
	Spring	Off
2	Fall	Study
	Winter	Work
	Spring	Study
3	Fall	Work
	Winter	Study
	Spring	Work
4	Fall	Study
	Winter	Work
	Spring	Study
5	Fall	Work
	Winter	Study

SAMPLE CO-OP JOBS

- > Environmental Advisor, Toronto Transit Commission
- > GIS Developer, Shaw Communications Inc
- > Agroclimate Analyst, Agriculture and Agri-Food Canada
- > Project Officer, Flood Mapping, Natural Resources Canada



ADMISSIONS

- > **Required courses:** Six Grade 12 U or M courses, including any Grade 12 U English (minimum final grade of 70% is required)
- > **Admissions average:** Low 80s

FACULTY OF ENVIRONMENT
UNDERGRADUATE ADMISSIONS
519-888-4567, EXT. 32787

envinfo@uwaterloo.ca

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