



THE UNIVERSITY OF WINNIPEG

For more information visit www.uwinnipeg.ca or contact a student recruitment officer at welcome@uwinnipeg.ca or 204.786.9844. In any case where The University of Winnipeg Course Calendar and this fact sheet differ, the current Calendar takes precedence.

Environmental Studies BA

The Department of Environmental Studies and Sciences (DESS) provides interdisciplinary programs that have a holistic view of the environment. Following the general principles of sustainability, the courses provide an integrated approach to understanding the environment, acknowledging human impact, and providing a framework to develop solutions to environmental problems.

Issues in Sustainability: If you choose this degree program, you will receive a solid grounding in the social, political, and economic aspects of sustainable development, and may specialize in either Canadian or developing world issues. The resulting degree enables you to devise and enact policy development in sustainability, in addition to obtaining the research skills needed to make recommendations to policy makers.

Urban Environments: This degree program not only recognizes the link between humans and the environment, but concentrates specifically on the environmental problems and issues related to urban expansion. The courses selected for this program look at the economic, social, political, and environmental policy issues arising from this intensive modification to the natural environment.

These programs lead to a **Bachelor of Arts degree (3-year, 4-year or Honours).**

SAMPLE CAREERS

Employment opportunities exist with municipal planning departments, environmental consultants, landscape architects, non-governmental environmental organizations, crown corporations, engineering consultants, multinational corporations, and government departments. Work opportunities also exist in developing nations, where the rate of urbanization may be rapid and environmental damage is severe.

There continues to be growth in environmental job markets. According to Environmental Careers Organization (ECO) Canada, over 2 million workers in Canada spend some portion of their time on environmental activities, representing 12% of the total Canadian labour force. For more information, visit ECO Canada's website: <http://www.eco.ca>

SAMPLE COURSES

Human-Environmental Interactions is a first-year course that illustrates the complexity and diversity of environmental issues. The central theme is "understanding natural processes in the environment" as a means of measuring human impact.

The Urban Environment is a second-year course that examines urban growth and urbanization, the role of cities in the economy, aspects of urban structure, and the nature of urban activities. Urban planning and design is also discussed in relation to the environment.

Issues in Sustainable Cities is a third-year course that addresses issues of sustainable urban development. It covers topics such as world population growth, urbanization in developed and developing countries, as well as the impact of technology, trade, and commercial globalization on urban environments.

REQUIRED HIGH SCHOOL COURSES

You must meet The University of Winnipeg's general admission requirements. No specific courses are required.

MORE SAMPLE COURSES

Business and the Environment	Sex, Gender, Space and Place
Environment and Health	Sociology of the Environment
Environmental Economics	Technology and Society
Environmental Ethics	Voluntary Simplicity
Geography of Globalization	Winnipeg and the Environment: A Case Study Approach
International Aspects of Economic Development	
Poverty Focused Development	

WHAT OUR STUDENTS SAY...

"The Environmental Studies program provided me with a good foundational understanding of the many facets—ecological, political, economic, philosophical, etc.—of our world and society, from which both problems and potential solutions arise. I learned both how to access information and ideas, and how to communicate them."

- Joanne Moyer (BA '03) won the Chancellor's Gold Medal for the highest standing in Arts (4-year course).

STUDENT LIFE

- Students can join the Environmental Studies and Geography Student Association (GESA) and other student-based environmental organizations.
- Students have put their learning into practice by getting involved with SUNSET (Sustainable University Now, Sustainable Earth Tomorrow), helping to lead The University of Winnipeg's campus sustainability project.

DID YOU KNOW?

- The interdisciplinary nature of the programs offered by DESS allow you to customize your university education to fit your educational and career goals by taking courses from a number of different disciplines or areas.
- Students have many opportunities to work alongside professors as research assistants, to do fieldwork, and to take field courses to complete their training within the stream of their choice.

SAMPLE FIRST YEAR

NOTE: This sample first year is representative of the courses you may take. For many of our programs, you may choose another set of courses and still be well on your way to a degree. Also, for most programs you do not have to take 30 credit hours (five full courses) in your first year.

Issues in Sustainability

ENV-1600(3) Human-Environmental Interactions

BIOL-1106(3) Environmental Biology

ECON-1104(3) Introduction to Economic Theory GEOG-1201(3) Introductory Atmospheric Science GEOG-1202(3) Introductory Earth Science

GEOG-2309(3) Statistical Techniques in Environmental Analysis

RHET-1102(3) Academic Writing: Social Sciences or any other section of Academic Writing (if required)
9 credit hours Humanities.

NOTE: PHIL-2233(3) Environmental Ethics counts both as a Humanities course and as a core course in Environmental Studies.

Urban Environments

ENV-1600(3) Human-Environmental Interactions ECON-1104(3) Introduction to Economic Theory GEOG-1201(3) Introductory Atmospheric Science GEOG-1202(3) Introductory Earth Science

GEOG-2415(3) An Introduction to Urban Development

POL-2305(3) Public Administration: Micro

RHET-1102(3) Academic Writing: Social Sciences or any other section of Academic Writing (if required)

6 credit hours Humanities

NOTE: PHIL-2233(3) Environmental Ethics counts both as a Humanities course and as a core course in Environmental Studies.

3 credit hours Elective, depending on interest

HOW TO APPLY – Domestic Student

Apply online at uwinnipeg.ca or pick up an Application for Admission from your high school counsellor's office or the Admissions Office at The University of Winnipeg. To meet Scholarship deadline submit your application and \$80 application fee by **March 1st**.

HOW TO APPLY – International Student

Apply online at uwinnipeg.ca/index/intl-apply and submit all official documents by mail. To meet Scholarship deadline submit application, fee, and documents by **March 1st**. International application fee is \$100, which includes a one-time courier fee.

CONTACT US

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