

School of the Environment

2025-2026 Undergraduate Courses with Space

Last updated: August 15, 2025

If you have any questions about the courses or their pre-requisites, please e-mail the Undergraduate Administrator at ug.office.env@utoronto.ca.

All courses are fully in-person. You can enroll yourself in most courses in this document on ACORN, with the following exceptions:

- ENV223H1F is restricted to Environmental Studies Majors
- ENV452H1S is restricted to Year 3 & 4 Environmental Science Majors

For more information on the courses and timing of tutorials, please use [Timetable Builder](#).

Navigation

[Core Courses](#)

[300- Level Courses](#)

- [Policy](#)
- [Energy](#)
- [Other](#)

[400-Level Courses](#)

Core Courses

ENV221H1F Multidisciplinary Perspectives on Environment | Prof. Karen Ing | Thursdays 1-3pm with tutorials

One of two foundation courses for the School's undergraduate program. Introduces students to ways in which different disciplines contribute to our understanding of environment. Instructors and guest lecturers are drawn from the sciences, social sciences and the humanities and will present subject matter, assumptions, conceptualizations and methodologies of their disciplines.

ENV222H1F Pathways to Sustainability: An Interdisciplinary Approach | Prof. Nicole Spiegelaar | Wednesdays 11am-1pm with tutorials

This course explores the concept and practice of sustainability by integrating scientific, technological, economic, political, psychological, historical, and ethical perspectives. The course begins by analyzing the challenges posed by the ecological crisis, including its historical roots. It then goes on to explore and evaluate a variety of approaches, strategies, and actions—at a personal, local, national, and global scale—that could move us towards authentic sustainability.

! ENV222H1F is the foundational course for the [Certificate in Sustainability](#).

ENV223H1F Fundamental Environmental Skills | Dr. Lisa Mychajluk | Thursdays 3-5pm

The practical, interdisciplinary and controversial nature of environmental issues, as well as the uncertainty that surrounds measures to address them demand mastery of a particular range of skills by environmental students. This course teaches the fundamental research, analysis and presentation skills required for effective environmental work.

! It is highly recommended to complete this course in your 2nd year of the Environmental Studies Major. This course is a pre-requisite of ENV338H1, to be taken in your 3rd year.

ENV200H1S Assessing Global Change: Science and the Environment | Prof. Karen Ing | Tuesdays 11am-1pm with tutorials

The perspective which scientists bring to the understanding and resolution of environmental concerns having global implications: atmospheric systems and climate change, the biosphere and conservation of biodiversity.

! BIO120H1 is an exclusion to this course. If you have already completed BIO120H1, please e-mail the Undergraduate Administrator to make an exception to your program.

300-Level Courses

Policy

ENV320H1S National Environmental Policy | TBA | Fridays 1-4pm

Examines ways in which governments develop and implement policy to protect the environment within their borders. Primarily Canada, plus comparisons with other countries. The focus is upon the politics of environmental policy making, which is understood by examining the interests and powers of the relevant state and non-state actors.

ENV322H1S International Environmental Policy | Prof. Jessica Green | Wednesdays 1-3pm

Examines the ways in which states negotiate and implement international agreements addressing global environmental issues, such as the United Nations Framework Convention on Climate Change. Focus is upon factors which determine the efficacy of multilateral environmental agreements and the prospects for stronger global environmental governance.

ENV323H1S Ontario Environmental Policy | TBA | Wednesdays 3-5pm

Introduces students to public policy and institutional foundations of public policy in Canada, with an emphasis on environmental policy in Ontario. Provides an insider's perspective on how environmental policy has been developed in Ontario.

Energy

ENV350H1F Energy Policy and Environment | Dr. Keith Stewart | Mondays 6-8pm

The course addresses: (1) physical, technological and economic aspects of energy and electricity systems and their associated environmental impacts; (2) current international, Canadian and Ontario energy policy; (3) technological, economic and political factors influencing policy which could significantly reduce environmental impacts of energy use.

ENV362H1S Energy & Environment: Transitions in History | Prof. Ben Akrigg | Thursdays 11am-1pm with tutorials

An exploration of the interactions between humans and their environments in the Holocene, focusing on the contexts and consequences of changes in energy technologies. Includes consideration of changes in food production and processing, transport and power generation technologies from the adoption of agriculture to the twentieth century.

Other

ENV335H1F Environmental Design | Prof. Alstan Jakubiec | Mondays 1-4pm

Environmental design, in the context of this course, refers to design strategies that account for the ability of supporting ecosystems to continue to meet human needs and those of other lifeforms without diminishing biological diversity or environmental quality. This course takes a hands-on approach to investigating several environmental design issues: climate-responsive design, energy consumption, health and comfort, natural lighting and ventilation, and water management. Students will build up a design of a net-zero carbon residential building through several instructive design exercises during the semester, including hands-on measurement and calculation activities.

400-Level Courses

ENV422H1F Environmental Law | Dr. Graham Rempe | Tuesdays 6-9pm

An introduction to environmental law for students in Environmental Studies; legal methods available to resolve environmental problems and the scope and limits of those methods; common law and statutory tools as well as environmental assessment legislation; the problem of standing to sue and the limits of litigation.

ENV464H1F Communicating Climate Change | Prof. Hanna Morris | Thursdays 11am-1pm

Climate change is an urgent yet complex problem to communicate. Curiously, many young activists are still using the same messages and images that have been around for decades (i.e., burning globes and apocalyptic scenarios). How did these methods of climate communication emerge? And to what impact in terms of both public perception and policy? In this course, students will examine the historical development of climate communication from its origins in the Cold War to present day. In addition to learning how climate change is discussed and visualized, students will work together to produce creative projects and develop improved communication methods.

ENV441H1S Human Health Impacts of Natural System Alteration | Prof. Ranaivo Rasolofoson | Mondays 1-4pm

The course introduces students to a wide range of topics and issues about the impacts of change in natural systems (e.g., forests, ocean, climate) on human health. Through readings and discussion, students will explore how the potential health effects of environmental change vary across groups of people having different socio-economic characteristics. A number of case studies or topics will be examined to exemplify why certain populations may be especially vulnerable to different types of environmental changes. Issues related to equity and justice will also be discussed.

ENV452H1S Environmental Science Seminar | Prof. Njal Rollinson & Prof. Debra Wunch | Mondays 11am-12pm & Wednesdays 11am-1pm

Scientists from within and external to the university share and discuss challenges, findings and opportunities. Specific topics (and speakers) vary from year to year but may draw from rehabilitation techniques, contaminants in our environment, environmental health, impacts on landscapes and communities, biodiversity, water, and modelling of environmental processes.

ENV462H1S Energy and Environment: Economics, Politics, and Sustainability | Prof. Adonis Yatchew | Tuesdays 2-5pm

This interdisciplinary course examines key ideas in economics, domestic politics and geopolitics that are essential to understanding energy and environmental issues. The course will cover energy markets, how these have fundamentally shaped geopolitical relations and conflicts, and the increasing role that renewable energy and sustainability plays in setting policies.