Our goal at the School of the Environment is to create and interpret knowledge on environmental issues through outstanding academic programs, and to provide students with the skills, knowledge, and experience necessary to make a substantive difference in the world. We are focused on creating new knowledge, training future leaders, engaging and forging partnerships with the wider community, and contributing to positive environmental and social change from the local to the global scale.

The School acts as a hub for researchers and students from many different disciplines spanning the social sciences, natural sciences, and humanities, bringing together many different perspectives to bear on today’s pressing environmental challenges. Our faculty and instructors are a diverse community collaborating across departments, schools, and faculties at the University of Toronto and beyond.
This is an exciting year for the School of the Environment, as we continue our recent growth and take on new challenges. This summer, the School was granted a new status, allowing us to start hiring our own new professors, who will join our existing team of faculty jointly appointed with other departments. The new status gives the School a mandate to develop and lead new trans-disciplinary research initiatives, and a new role in helping students find relevant environmental programs and courses across the University.

We’re also launching two new programs, a new Undergraduate Certificate in Sustainability, which will be open to students enrolled in any degree program in the Faculty of Arts & Science; and our first stand-alone graduate program, the Masters of Environment and Sustainability (MES). In all our research and teaching, our goal is to mobilize knowledge and expertise to respond to growing global environmental crises, and to put that knowledge to work in leading the transition to a sustainable society.

With all this growth, we’ve run out of space, so we’ll be remodeling and expanding our offices in the Earth Sciences Centre this year, and our administrative staff will temporarily relocate to the Stewart building, at 149 College Street until the end of this academic year. But do look out for our newly furnished Earth Hub at 5 Bancroft Avenue, a space open to all students looking for somewhere quiet to study between classes. We hope you’ll come and join us!

Steve Easterbrook
Director, School of the Environment
OUR STUDENTS

JINGLIN YANG, CLASS OF 2021
Double Major in Environmental Studies and Environmental Geography

"The School of the Environment offered both environmental science and other related fields of expertise that helped me prepare for future employment by balancing the aspects of development and environment. The School invites people from diverse backgrounds to engage and share their personal experiences so that everyone can learn about diverse points of view on the same problem."

IRA SRIVASTAVA, CLASS OF 2021
Major in Biodiversity and Conservation Biology, Minors in Environmental Biology and The Environment & Energy

"I chose to study at the School because I grew up in a country that had very little regard for the environment, and watching the damage being done firsthand instilled a passion for environmental conservation. Studying in the School of the Environment only made sense."

NIYAT GEBREAB, CLASS OF 2021
Double Major in Environmental Studies and Cognitive Science

"I got hooked by a first year course that I took for fun. My favorite memory is learning to identify trees on campus with other students, and having my daily walks become transformed with this new knowledge."

CLAUDIA LACROIX, CLASS OF 2021
Double Major in Environmental Science and Biodiversity & Conservation Biology, Minor in Environmental Biology

"My favourite memories with the School have been as the Co-President of the Environmental Students Union (ENSU) where we worked together to host numerous online events and launch an environmental undergraduate journal."

Find out more about the Class of 2021, visit: https://www.environment.utoronto.ca/alumniriends/class-2021
STUDENT GROUPS

Other environmental student groups include: Regenesis, BikeChain, the Green Chemistry Initiative, Leap U of T, Veg Club, U of T B.E.E.S., Jane Goodall's Roots and Shoots, and more.

Visit https://ulife.utoronto.ca/organizations for a full list.

ENVIRONMENTAL STUDENTS’ UNION - ENSU
ENSU exists to represent School of the Environment students to the University’s Administration. They also conduct a mentorship program for first and second year students. Their mandate is to create and support initiatives that strive to increase sustainability and environmental awareness at the University of Toronto. This includes direct action through events, as well as education through collaboration with other organizations.

GRADUATE ENVIRONMENTAL STUDENTS’ ASSOCIATION - GESA
GESA represents graduate students enrolled in the School of the Environment Graduate Collaborative Specializations. They organize social and academic events to bring to light relevant environmental issues in an informal setting, foster collaborative dialogue on a range of topics, and liaise with other environmental groups on campus.

UNIVERSITY OF TORONTO ENVIRONMENTAL ACTION - UTEA
UTEA works to raise awareness about pressing environmental issues (e.g. Indigenous water rights, sustainable energy, climate change) and advocates for more effective government policies to address these issues at the federal, provincial, and municipal levels. They also advocate for more sustainable campus policies at the University of Toronto.

UNIVERSITY OF TORONTO’S ENVIRONMENTAL RESOURCE NETWORK - UTERN
UTERN is a levy organization that provides funding and acts as a networking hub for any person, group or club within the university community interested in sustainability and environmentalism on campus.
The School offers core programs in two areas: Environmental Science BSc Major and Minor, and Environment Studies BA Major and Minor. These programs are ideally suited to be taken in conjunction with other programs in a related academic field and provide students with a powerful combination of disciplinary depth and interdisciplinary breadth.

**ENVIRONMENTAL SCIENCE**
BSc Major and Minor
The School’s Environmental Science BSc Major and Minor programs provide students with a breadth of knowledge spanning scientific disciplines, and the tools to understand and integrate scientific principles from across the physical and biological sciences. Students are exposed to disciplinary and interdisciplinary knowledge and research skills necessary to function as an environmental scientist.

**ENVIRONMENTAL STUDIES**
BA Major and Minor
The School’s Environmental Studies BA Major and Minor programs offer rigorous academic study of the economic, social, cultural and political forces that drive issues such as biodiversity, air and water pollution, and climate change. The interdisciplinary structure of the programs provides grounding in scientific literacy, while advancing critical thinking skills to evaluate complex environmental problems and sustainable solutions.

https://www.environment.utoronto.ca/undergraduate
These programs are offered in collaboration with other departments in the Faculty of Arts & Science and combine the interdisciplinary focus of environment with a traditional social science, humanities, or science discipline.

**MINOR: ENVIRONMENT & ENERGY**
Jointly sponsored with the Department of Geography

**MAJOR/MINOR: ENVIRONMENTAL ETHICS**
Jointly sponsored with the Department of Philosophy

**SPECIALIST/MAJOR: ENVIRONMENT AND HEALTH**
In collaboration with the Department of Human Biology

**SPECIALIST: ENVIRONMENT AND TOXICOLOGY**
In collaboration with Pharmacology & Toxicology

**MAJOR: ENVIRONMENTAL CHEMISTRY**
In collaboration with the Department of Chemistry

**MINOR: ENVIRONMENT AND BEHAVIOUR**
Jointly sponsored with the Department of Psychology

**SPECIALIST: ENVIRONMENTAL GEOSCIENCES**
Jointly sponsored with the Department of Earth Sciences

**DIRECTED ENVIRONMENTAL MINOR PROGRAMS:**

Environmental Minor programs are offered by a number of departments and are intended for students interested in acquiring a hierarchical body of environmental knowledge in a specific discipline. They can also be a complement to one of the core or collaborative programs offered by the School.

Three of these Minors are in the sciences, and four are arts Minors.

- Environmental Anthropology (BA)
- Environmental Biology (BSc)
- Environmental Chemistry (BSc)
- Environmental Economics (BA)
- Environmental Geography (BA)
- Geographic Information Systems (BA)
- Physical and Environmental Geography (BSc)
Campus as a Living Lab

With its three campuses and large community of students, faculty and staff, the University of Toronto is an ideal testing ground for the sustainability transition – making the systemic changes needed to create a just and prosperous society that works in harmony with the natural world. Our Living Laboratory approach explores new ideas for sustainable buildings, food systems, transportation, energy, and human health. Students engage with the U of T community on innovative sustainability projects while developing the leadership skills needed to apply these ideas beyond the campus after they graduate. Example projects include:

- Evaluating the human experience in the new buildings on campus
- Quantifying the greenhouse gas emissions from business-related air travel at the University
- Developing sustainable building design standards
- Sustainable event planning practices at U of T
- A review of student wellness at the Faculty of Arts and Science
- Rainwater harvesting and water conservation at Trinity College

Our Campus as a Living Lab program is coordinated by the University’s Presidential Advisory Committee on the Environment, Climate Change, and Sustainability, which was formed in 2017 to advance U of T’s goals on climate change and sustainability across academic programs, campus operations, and community engagement. It also engages students in analyzing greenhouse gas emissions from campus operations and faculty travel, and in six pilot projects on sustainable buildings - one new build and one retrofit project on each of the three campuses. More information can be found at the CLL database: https://sustainability.utoronto.ca/home/ceccs/campus-as-a-living-lab/
The Certificate in Sustainability is a for-credit undergraduate certificate, designed to complement any degree or discipline. It can be taken in conjunction with any undergraduate program at the Faculty of Arts & Science. Successful completion of the certificate is recorded on the academic transcript.

This certificate brings together students from the arts and sciences, to approach the topic of sustainability from multiple perspectives. Students will develop a sustainability-lens through which they can approach the rest of their academic program, career path and life in general.

**STUDENTS TAKE 2.5 COURSES COMPRISED OF:**

**FOUNDATIONS COURSE (0.5 CREDIT)**

**ENV222H1 Pathways to Sustainability: An Interdisciplinary Approach**

Introduces students to environmental studies and provides them with a sustainability lens that integrates sciences, social sciences and humanities.

**ELECTIVE COURSES (1.5 CREDITS)**

Students must take 1.5 credits from a curated list of existing 200- and 300-level courses and may select courses from at least two of the four clusters below:

- Cluster 1 – Environment/Ecology/Climate
- Cluster 2 – Equity/Ethics/Culture
- Cluster 3 – Economics/Development/Resources
- Cluster 4 – Food/Health/Wellbeing

**CAPSTONE COURSE (0.5 CREDIT)**

The capstone courses require students to reflect on their sustainability education journey, using their guiding principles and journal reflections. Students must select one course from the two listed below:

**ENV461H1 Campus as a Living Lab for Sustainability**

Puts students into groups of 4-6 and pairs them with partners within the university looking to implement a sustainability solution or test the effectiveness of one they have already implemented.

**ENV411H1 Sustainability Thinking**

Includes a lecture section where students come together as a larger group to explore sustainability theory more deeply. It also includes smaller seminar-style tutorials.

https://www.environment.utoronto.ca/undergraduate/programs-study/certificate-sustainability
EXPERIENTIAL COURSES

ENV421 - ENVIRONMENTAL RESEARCH
In this course, senior undergraduate students work together in small groups to conduct research related to a broad environmental research theme for the class. "We developed our skills in how to conduct a literature review, develop a methodology, conduct interviews, and deliver oral presentations. The course also taught us how to work together as a group and individually, work efficiently to meet deadlines, and gave us the opportunity to work closely with Professor Yoreh in his area of expertise. All in all, ENV421 was an amazing experience that helped us to grow and learn in many ways."
- Kyoko Adachi, Nicole Capicotto, Danielle Foppiano, Minjian Zhu

ENV440 - PROFESSIONAL EXPERIENCE COURSE
This course provides an opportunity for students to gain practical work experience in the environmental field through placements with organizations and agencies engaged in a wide range of issues from local to global scales. "Finding ways to engage with the community outside of the classroom were essential for me. One of the ways I did this was through the Professional Experience Course. My placement with Evergreen Brick Works was also a gateway for me to work with other environmental organizations and non-profits in Canada and the US."
- Victoria Shirriff

ENV461 - THE U OF T CAMPUS AS A LIVING LAB OF SUSTAINABILITY
Many universities are developing strong operational sustainability goals and targets, yet few have integrated this with their teaching and learning. In this course, students use the U of T campus as a living laboratory for sustainable practices, working with campus facilities and operations staff to implement and evaluate campus sustainability initiatives, while developing the analytical and communication skills needed to work across disciplines and fields of study, and with non-academic partners.

https://www.environment.utoronto.ca/undergraduate/current-students/exciting-electives

Rashad Brugmann and Nathan Postma in Trinity College's rooftop garden, a Campus as a Living Lab project on the St. George campus. Photo by Geoffrey Vendeville.
The Trinity Sustainability Initiative (TSI), a collaboration between Trinity College and the School of the Environment, aims to integrate sustainability across the College and the campus. Made possible by a $10 million landmark gift from alumni Brian and Joannah Lawson, the TSI will introduce ways in which students can have personal impact and feel connected to important issues such as climate change and the environment. The TSI will include an innovative new building, research and classroom opportunities, the creation of food, and offers academic programming related to sustainability.

**INTEGRATED SUSTAINABILITY PROGRAMMING**

The Trinity Sustainability Initiative (TSI), a collaboration between Trinity College and the School of the Environment, aims to integrate sustainability across the College and the campus. Made possible by a $10 million landmark gift from alumni Brian and Joannah Lawson, the TSI will introduce ways in which students can have personal impact and feel connected to important issues such as climate change and the environment. The TSI will include an innovative new building, research and classroom opportunities, the creation of food, and offers academic programming related to sustainability.

**TRN140: ETHICS, HUMANS, AND NATURE**

*Using field trips and nature walks, this course explores how different worldviews shape our ability to live in harmony with our environment.*

**TRN141: ENVIRONMENTAL SCIENCE AND PATHWAYS TO SUSTAINABILITY**

*This course explores the intersection of science and society in complex sustainability systems. Students will conduct, critique, and communicate methods of applied environmental science.*

**TRN350: SCARCITY, SUSTAINABILITY, AND THE FUTURE OF INTERNATIONAL RELATIONS**

*This course seeks to evaluate major challenges in global affairs related to natural resource scarcity and climate change. Students will use case studies to identify international challenges and develop sustainable solutions to problems confronting future generations.*

**TRN312: SUSTAINABILITY ISSUES IN ETHICS, SOCIETY, AND LAW**

*Students examine case studies of environmental justice and engage in dialogue over the moral, relational, and practical elements of environmental decision-making.*
Students can focus their electives on a series of 'Big Ideas' courses. These courses bring together scholarship from a range of disciplines in examining the role of social media and the internet, or the importance of energy, in impacting the environment.

**THE INTERNET**

*These courses explore the relationship between digital technologies and the environment.*

- **ENV261** - Is the Internet Green?
- **ENV361** - Social Media and Environmentalism

**ENERGY**

*These courses explore how global demand for energy shapes our relationship with the environment.*

- **ENV262** - The Science of Energy in the Environment
- **ENV362** - Energy and Environment: Transitions in History
- **ENV462** - Energy and Environment: Economics, Politics and Sustainability
CUSTOMIZE YOUR DEGREE

ENVIRONMENTAL PROGRAMS IN OTHER ACADEMIC UNITS

Programs offered by other academic units have relevance to the study of the environment, and most are suitable for double majors with the School of the Environment programs.

**BIODIVERSITY & CONSERVATION BIOLOGY**
Science program offered by the Department of Ecology & Evolutionary Biology
[www.eeb.utoronto.ca](http://www.eeb.utoronto.ca)

**EARTH AND ENVIRONMENTAL SYSTEMS**
Science program offered by the Department of Earth Sciences
[www.es.utoronto.ca](http://www.es.utoronto.ca)

**ENVIRONMENTAL BIOLOGY**
Science program offered by the Department of Ecology & Evolutionary Biology
[www.eeb.utoronto.ca](http://www.eeb.utoronto.ca)

**ENVIRONMENTAL GEOGRAPHY**
Arts program offered by the Department of Geography and Planning
[www.geography.utoronto.ca](http://www.geography.utoronto.ca)

**FORESTRY**
Arts/Science programs offered by Daniels Forestry in the Daniels Faculty of Architecture, Landscape & Design
[www.forestry.utoronto.ca](http://www.forestry.utoronto.ca)

**PHYSICAL & ENVIRONMENTAL GEOGRAPHY**
Science program offered by the Department of Geography and Planning
[www.geography.utoronto.ca](http://www.geography.utoronto.ca)
START YOUR JOURNEY

ENVIRONMENTAL SCIENCE

Congratulations! You’ve been accepted to the life sciences stream at U of T.

YEAR 1
Students take basic chemistry, biology, and math courses in order to achieve a multidisciplinary science background.

YEAR 2
Students obtain a foundational knowledge in environmental science, by taking our core courses. A second year statistics course is also required.

YEAR 3
Students are able to apply their knowledge through a field and lab based course, and a human interactions with the environment course.

YEAR 4
Students can take specialized environmental science courses, and partake in a capstone or independent study course.

Consider taking the ENV492 or ENV493 independent studies course or one of our experiential courses.

You're a U of T graduate! You should be immensely proud of this tremendous achievement.

Consider taking an ENV399 research opportunity course, and/or a Learning Abroad environmental course(s) for a summer term or a semester.

Consider taking a First Year Foundations (FYF) seminar course to explore an in-depth topic with one of our professors.

Consider taking the ENV299 or ENV492 research opportunity course, where you are matched with a faculty research project.

Visit U of T's Academic Calendar to find out more information about available courses: https://artsci.calendar.utoronto.ca/section/School-of-the-Environment
ENVIRONMENTAL STUDIES

Congratulations! You've been accepted to the social sciences stream at U of T.

YEAR 1
There are no required first year courses, but students are encouraged to take ENV100 Introduction to Environmental Studies.

YEAR 2
Students obtain a foundational knowledge in environmental studies, by taking our core courses.

YEAR 3
Students take courses in Environmental Law, Policy, and Ethics, in order to grasp the social context.

YEAR 4
Students can take specialized environmental studies courses, and partake in a capstone or independent study course.

You're a U of T graduate! You should be immensely proud of this tremendous achievement.

Visit U of T's Academic Calendar to find out more information about available courses:
https://artsci.calendar.utoronto.ca/section/School-of-the-Environment
School of the Environment student Nie Tian on a Summer Abroad trip to Ecuador.

The University of Toronto's Centre for International Experience (CIE) also offers a summer Student Exchange Program. https://learningabroad.utoronto.ca/summer/

LEARNING ABROAD

SUMMER ABROAD
(Through Woodsworth College)

AUSTRALIA PROGRAM
ENV396 - Special Topics: Australian Environment, Wildlife and Conservation

June or July (3 weeks)
The Summer Program in Australia (Darwin, Sydney and Cairns) provides a unique opportunity to consider human impacts on the natural environment, and measures to address these impacts, focusing particularly on protected conservation areas.

ECUADOR PROGRAM
ENV395 - Special Topics Field Course: Ecology and Conservation in the Amazon, Galápagos, and Andes

May - June (4 weeks)
This course examines fundamental concepts in ecology, evolution, biodiversity, and conservation biology through lectures and fieldwork in highland, tropical and island ecosystems in Ecuador.
TERM ABROAD

For those interested in a more immersive international experience, consider going on an exchange for a Fall or Winter term abroad. The University of Toronto has agreements with partner universities around the world, which allow you to pay your regular U of T tuition while studying abroad. There are also generous subsidies for qualified students to help with any additional costs such as airfare and room & board.

PARTNER UNIVERSITIES WITH ENVIRONMENT PROGRAMS

- Chinese University of Hong Kong
- City University of Hong Kong
- National University of Singapore
- University of Copenhagen
- University of Amsterdam
- Utrecht University
- Lund University

IMPORTANT LINKS

https://learningabroad.utoronto.ca/

https://www.environment.utoronto.ca/undergraduate/programs-study/learning-abroad

https://www.studentlife.utoronto.ca/cie

School of the Environment student climbing Chimborazo Volcano in the Andes.
Launching in September 2022, the MES is a full-time, 12-month program that responds to the growing need of society to understand and develop solutions to the environmental and human well-being challenges facing us in the 21st century. To encourage transdisciplinary perspectives, each MES student will have an advisory committee comprised of a primary supervisor and two other faculty members from at least two disciplines or departments.

- 12 months
- Thesis and course based
- Four concentrations to choose from
- Matched with supervisor

A Living Lab

Students enrolled in the MES take the mandatory shared course: The U of T Campus as a Living Lab of Sustainability.

This course features an applied research project on some aspect of campus sustainability, working in close partnership with operational staff at the University of Toronto.

Research Courses

Students take two mandatory research courses to guide them through the steps of writing a research proposal and creating a research plan, under the guidance of their supervisor. Seminars every two weeks will bring the students together to hear our faculty members talk about their research.

https://www.environment.utoronto.ca/graduate/mes
MES CONCENTRATIONS

ADAPTATION AND RESILIENCE
How will the world cope with the impacts of climate change? Adaptation focuses on how natural and human systems can prepare for change to minimize harmful impacts. Resilience describes the ability of communities and ecosystems to cope with change and evolve in ways that improve their future sustainability. Together they determine how humanity will anticipate and respond to environmental crises.

GLOBAL CHANGE SCIENCE
Understanding global environmental change requires an examination of how human activity interacts with the Earth’s atmosphere, oceans and biosphere, and the ways in which climate change, biodiversity loss, and persistent pollutants disrupt these systems. This concentration will offer a transdisciplinary perspective on the scientific study of these processes of change.

SOCIAL SUSTAINABILITY
Cultural assumptions and values shape the human relationship to nature, so it is important to draw on different worldviews - particularly indigenous perspectives - as we seek a just transition to a sustainable society. This concentration addresses issues of equity, diversity, social cohesion, quality of life, well-being, democracy, and governance within the concept of sustainability.

THE SUSTAINABILITY TRANSITION
The transition to sustainability is a social revolution as profound as the European transition from feudalism to capitalism. To create a low-carbon economy will require systemic change in energy production, resource management, human settlement, trade, digital technologies, and human governance. This concentration will examine the scientific, political, and historical implications of this transition.

Image Source: NASA
GRADUATE PROGRAMS

Graduate students admitted to a degree program offered by another graduate unit are eligible to apply to the Collaborative Specializations and pursue course work and research in environmental areas.

COLLABORATIVE SPECIALIZATIONS

ENVIRONMENTAL STUDIES

The Collaborative Specialization in Environmental Studies offers students an opportunity to specialize in an area of environmental research and gain exposure to a wide range of intellectual and methodological disciplines focused on environmental issues. The purpose is to complement the discipline-based learning and research focus of their home units by providing students an interdisciplinary forum to examine, discuss, and address environmental issues. The School currently has graduate students from across the disciplinary spectrum, including anthropology, chemistry, religious studies, law, management, geography and planning, political science, global affairs, and forestry, to name a few.

ENVIRONMENT AND HEALTH

The Environment and Health specialization complements the Collaborative Specialization in Environmental Studies, while adding a distinct focus on the interplay between the environment and human health. The health implications of human impacts on the environment cover a broad range of issues including: air and water quality, contaminated land, and shifts in the distribution of vector-borne diseases (related to changes in land-use, climate and human migration). This specialization provides students in the health sciences with a broad environmental perspective while at the same time exposes Environmental Studies students to the health implications of environmental quality.

https://www.environment.utoronto.ca/graduate/collaborative-specializations
Graduate students enrolled in a research paper or coursework stream in their home unit degree program are required to do an internship as part of the Environmental Studies Collaborative Specialization. The internship is a significant component of the Environmental Studies Collaborative Specialization and is designed to offer Master degree students from various academic backgrounds an opportunity to expand their interdisciplinary experience at the practical level and turn their theoretical knowledge into practical skills.
OUR FACULTY

GLOBAL ENVIRONMENTAL CHANGE

- Prof. Christian Abizaid
  Joint with the Dept. of Geography & Planning
  - Environmental development
  - Indigenous populations
  - Social networks

- Prof. Debra Wunch
  Joint with the Dept. of Physics
  - Earth's carbon cycle
  - Atmospheric greenhouse gases

- Prof. Jessica Green
  Joint with the Dept. of Political Science
  - Climate policy
  - Carbon markets
  - Global governance
  - NGOs

- Prof. Kate Neville
  Joint with the Dept. of Political Science
  - Resource governance
  - Land use and energy
  - Fracking and biofuels

- Prof. Stephen Scharper
  Joint with the Dept. of Anthropology
  - Environmental ethics
  - Worldviews and ecology
  - Liberation theology

- Prof. Tanhum Yoreh
  - Religion and environmentalism
  - Wastefulness
  - Consumption
  - Simplicity

- Prof. Njal Rollinson
  Joint with the Dept. of Ecology & Evolutionary Biology
  - Animal life cycles
  - Ecology
  - Evolution

ENVIRONMENTAL WORLDVIEWS

- Prof. Scott Prudham
  Joint with the Dept. of Geography & Planning
  - Environmental justice
  - Political ecology
  - Capitalism-nature nexus

- Prof. Vianey Leos-Barajas
  Joint with the Dept. of Statistical Sciences
  - Statistical ecology
  - Environmental statistics

- Prof. Douglas Macdonald
  - Canadian climate and energy policy
  - Political resistance to low carbon transition

https://www.environment.utoronto.ca/people/directories/all-faculty
Building a Sustainable Society

Prof. Steve Easterbrook
Dept. of Computer Science
- Climate informatics and modelling
- Earth system models
- Software-intensive systems

Prof. J. Alstan Jakubiec
Joint with the Daniels Faculty of Architecture, Landscape, and Design
- Sustainable design
- Low energy design

Prof. John Robinson
Joint with the Munk School of Global Affairs & Public Policy
- Sustainability
- Urban design
- Community engagement in sustainability
- Behavioural change

Prof. Beth Savan
Senior Fellow, Massey College
- Sustainability
- Active transportation (cycling)
- Behavioural change
- Environmental education

Prof. Karen Ing
- Environmental education
- Ecosystem services and well-being

Prof. Nicole Spiegelaar
Joint with Trinity College
- Environmental psychology
- Indigenous-environment relations
- Food systems

Prof. Michael Classens
- Critical pedagogy
- Food systems
- Social movements
- Political ecology
- Environmental history

Prof. Jessica D’eon
Dept. of Chemistry
- Disposition of xenobiotic chemicals both in the environment and the body

Prof. Miriam Diamond
Joint with the Department of Earth Sciences
- Environmental Chemistry
- Pollution
- Pollution & Air Quality

Prof. Meredith Franklin
Joint with the Dept. of Computer Science
- Environmental & Spatial Statistics
- Remote Sensing
- Environmental Epidemiology

Prof. Clare Wiseman
- Metal behaviour
- Metal in urban environments
- Metal bioaccessibility

Prof. Hui Peng
Joint with the Dept. of Chemistry
- Environmental chemicals

Planetary Health

Prof. John Robinson
Joint with the Munk School of Global Affairs & Public Policy
- Sustainability
- Urban design
- Community engagement in sustainability
- Behavioural change

Prof. Robert Soden
Joint with the Dept. of Computer Science
- Human-computer interaction
- Participatory sensing
- Crisis Informatics
- Critical computing

Prof. Steve Easterbrook
Dept. of Computer Science
- Climate informatics and modelling
- Earth system models
- Software-intensive systems

Prof. J. Alstan Jakubiec
Joint with the Daniels Faculty of Architecture, Landscape, and Design
- Sustainable design
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- Metal bioaccessibility

Prof. Hui Peng
Joint with the Dept. of Chemistry
- Environmental chemicals
WHERE THE SCHOOL CAN

David Berliner (2009), BSc Specialist in Environment and Health
Co-founder and CEO of CoPower
"My program gave me a scientific base to understand the pressing environmental challenges of our time, and allowed me to dabble in the legal, policy, and financial perspectives. This helped me ultimately decide that the environmental policy/finance area was where I wanted to pursue my career."

Stephanie Cairns (1986), BA in Environmental Studies, Political Science, and Economics
Consulting Principal, Wrangellia Consulting; Director, Circular Economy at Smart Prosperity Institute (University of Ottawa)
"The University of Toronto introduced me to the very important network of people to keep in touch with. They provided valuable career suggestions and opportunities. My degree also sparked a passion for and interest in the field of environmental studies."

Kady Cowan (2002), Hons. BSc, Double Major in Environmental Science, and Physical Geography
Supervisor, Energy Business Partnerships at Independent Electricity System Operator
"My Environmental Science degree helped me understand systems thinking and how to value the whole in addition to the component parts. Knowledge from nature and ecosystems, and concepts from sustainability connect the natural environment and the built environment so a clear big picture can emerge."
Car Martin (2005), BA Double Major in Environmental Studies, and International Development
Architectural Designer at Creative Union; Faculty Member at George Brown College School of Design
“My time at the University of Toronto helped me understand the various connections between social issues and design, especially regarding the development of the built environment in urban centres. This has led me towards a relevant, unique, and exciting field.”

Victoria Shirriff (2017), Hons. BSc Major in Human Biology-Global Health, Double Minor in Environmental Science, and Environmental Studies
Public Health Advisor- U.S. Centers for Disease Control (CDC) and Prevention
“The Environmental Studies program was integral in shaping my career. My first environmental course was ENV222 with Professor Karen Ing, which I took as an elective. This course was a turning point in my academic journey. I was interested in the world around us and how it impacts our health, yet learning from Professor Ing helped me hone in on my interests.”

Joseph Witkin (2017), Hons. BSc Major in Environmental Science, and Minors in Environment Energy, Buddhism Psychology and Mental Health
Sustainability and Health - Building/Organizational Consultant
“I originally was considering a career purely in health, but I found that the issues of climate change and sustainability were too compelling. It was something I had to do. Courses in the School of the Environment were pivotal in coming to that decision. When I fully understood the climate change issue, I wanted to take direct actions to reduce the problem.”

Find out more about our alumni, visit: https://www.environment.utoronto.ca/alumni-friends/alumni-profiles
The School of the Environment offers a number of scholarships and awards for students enrolled in our major or specialist programs. The School also administers the Catherine J. Riggall Award for Contributions to Sustainability, which is available to all U of T undergraduate students. These scholarships and awards are based on student academic achievement; some also require social involvement in environmental issues and demonstrated financial need.

Frances L. Allen Scholarship
Awarded to an outstanding second or third year student.

Chachra Family Scholarship in Environmental Science
Awarded based on academic merit and financial need.

Dr. Stanley Cord Scholarship in Environmental Studies
Awarded to a third or fourth year student based on academic merit.

Barbara Green Scholarship in Environmental Entrepreneurship
Consideration is given to academic ability and involvement in extracurricular activities.

Jane Goodall Scholarship
Consideration is given to students who are focusing on studies of environment and development.

Peter John Hare Memorial Scholarship in Environment
Consideration is given to students who demonstrate financial need and social involvement in environmental issues.

Robert Hunter Scholarship
Consideration is given to students whose focus area is climate. Extracurricular involvement is also considered.

Rodney White Environmental Studies Scholarship
Consideration is given to third year students studying topics relating to the environment and international development.

Jane Joy Memorial Scholarship: Excellence in Environmental Sustainability
Consideration is given to students who demonstrate financial need, and involvement in sustainability.

Douglas Pimlott Awards
Consideration is given to students who have demonstrated a commitment to environmental issues. One award also requires demonstrated financial need.

Catherine J. Riggall Award for Contributions to Sustainability
Recognizes accomplishments that enhance sustainability at U of T.

Kathryn S. Rolph Scholarship
Awarded to a student who has achieved a high mark in a course on environmental issues offered by the School.

Sidney and Lucille Silver Scholarship
Awarded to an outstanding third year student in a specialist or double major program in Environmental Studies and/or Geography.

Skip Willis Undergraduate Scholarship
Consideration is given to students with an interest in climate change and market-based solutions.

https://www.environment.utoronto.ca/undergraduate/current-students/scholarships-awards
APPLICATION PROCESS

PROSPECTIVE STUDENTS
Apply using the online Ontario Universities' Application Centre (OUAC). Ontario students should use the OUAC 101 category, and all others should use the OUAC 105 category.

- If you wish to study Environmental Studies, use the OUAC code TAX (Social Sciences).
- If you wish to study Environmental Science, use the OUAC code TLG (Life Sciences).

Note: Official direct enrolment in or applications for Programs of Study occur at the end of your first year.

U of T's Arts & Science Calendar has important information about courses, program and degree requirements, student services and resources, and rules and regulations: https://artsci.calendar.utoronto.ca/

Plan your course schedule using the Arts & Science online timetable application: https://timetable.iit.artsci.utoronto.ca/

For more information about the Arts & Science application process as a prospective student (including deadlines, English requirements, international student info), visit: https://future.utoronto.ca/apply/

FIRST YEAR STUDENTS
Subject POSt (Program of Study) enrolment and applications occur at the end of your first year.

- Environmental Studies is a Type 1 program, meaning that you can automatically enrol after completing any 4 FCEs.
- Environmental Science is a Type 2 program, which has specific course prerequisites and has limited enrolment based on marks.

DAVID POWELL
Undergraduate Student Advisor & Placement Coordinator
For information and assistance with undergraduate courses and programs, please drop by David's office, or email to book an appointment with him.

Email: ug.office.env@utoronto.ca
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