ENV341H1 F

Environment and Health

Fall 2024 Syllabus

Course Meetings

ENV341H1 F

Section	Day & Time
LEC0101	Wednesday, 1:00 PM - 3:00 PM

Refer to ACORN for the most up-to-date information about the location of the course meetings.

Course Contacts

Course Website: https://q.utoronto.ca/courses/352328/

Instructor: Prof. Clare Wiseman
Email: clare.wiseman@utoronto.ca
Phone: 4169782972
Office Hours and Location: In-person, Wednesdays 3:30 - 5:00 PM

Course Overview

Examination of the linkages between human health and environment using an interdisciplinary, planetary health lens. Addresses basic public health and toxicological principles. Case studies are examined to highlight the multifaceted ways health and environment are interconnected and to understand key factors modulating environmental exposures and health outcomes in various populations.

ENV341 is designed as a survey course intended to introduce students to major issues and perspectives in environment and health. As part of this, case studies will be explored to highlight how environment and health are interconnected, and the factors involved in modulating associations between exposures and human health outcomes. A primary objective of the course is to equip students with needed skills to identify, critically analyze, and interpret key literature and evidence in related disciplines. Topics presented in lectures and readings will reflect the interdisciplinary nature of environment and health, which covers areas from toxicology, environmental science and chemistry to public health and geography. ENV341 is designed as a survey course intended to introduce students to major issues and perspectives in environment and health. As part of this, case studies will be explored to highlight how environment and health are interconnected, and the factors involved in modulating associations between exposures and human health outcomes. A primary objective of the course is to equip students with needed skills to identify, critically analyze, and interpret key literature and evidence in

related disciplines. Topics presented in lectures and readings will reflect the interdisciplinary nature of environment and health, which covers areas from toxicology, environmental science and chemistry to public health and geography.

Course Learning Outcomes

Upon successful course completion, students will be expected to:

1. Have a basic understanding of core concepts central to environment and human health,
2. Have an understanding of the complex nature of environment and human health and how various biological, physiological, developmental and socioeconomic and cultural factors may impact the health of individuals, communities, and populations at all levels, ranging from the local to the global level, and
3. Have acquired the skills necessary to research and critically assess available information on topics related to environment and health.

Prerequisites: ENV221H1/ENV222H1 or (BIO230H1/BIO255H1, and enrolment in the HMB Specialist in Health and Disease/HMB Specialist in Global Health), and completion of at least 8.0 credits of courses. Students who do not meet all of the prerequisites are encouraged to contact the Undergraduate Associate Director.
Corequisites: None
Exclusions: None
Recommended Preparation: None
Credit Value: 0.5

Marking Scheme

Assessment	Percent	Details	Due Date
Literature review proposal	20%		2024-10-02
Quiz	20%		2024-10-09
Quiz	20%		2024-11-20
Literature Review Paper	40%		2024-11-27

Late Assessment Submissions Policy

A late penalty of 5% per day (including weekends) will be deducted from the mark for assignments.

Policies & Statements

Late/Missed Assignments

This item is listed here to remind you to include your late/missed assignment policy; if you have late penalties, you are required to publish them in your syllabus. Please see the A&S Academic

Handbook (https://www.artsci.utoronto.ca/faculty-staff/teaching/academic-handbook) sections on missed term work (Section 4.7), late term work and extensions (section 4.8), and missed term tests (Section 5.3) for more information.

Plagiarism Detection Tool

Normally, students will be required to submit their course essays to the University's plagiarism detection tool for a review of textual similarity and detection of possible plagiarism. In doing so, students will allow their essays to be included as source documents in the tool's reference database, where they will be used solely for the purpose of detecting plagiarism. The terms that apply to the University's use of this tool are described on the Centre for Teaching Support & Innovation web site (https://uoft.me/pdt-faq).

Students with Disabilities or Accommodation Requirements

Students with diverse learning styles and needs are welcome in this course. If you have an acute or ongoing disability issue or accommodation need, you should register with Accessibility Services (AS) at the beginning of the academic year by visiting https://studentlife.utoronto.ca/department/accessibility-services/. Without registration, you will not be able to verify your situation with your instructors, and instructors will not be advised about your accommodation needs. AS will assess your situation, develop an accommodation plan with you, and support you in requesting accommodation for your course work. Remember that the process of accommodation is private: AS will not share details of your needs or condition with any instructor, and your instructors will not reveal that you are registered with AS.

Academic Integrity

All suspected cases of academic dishonesty will be investigated following procedures outlined in the Code of Behaviour on Academic Matters (https://governingcouncil.utoronto.ca/secretariat/policies/code-behaviour-academic-matters-july-1-2019). If you have questions or concerns about what constitutes appropriate academic behaviour or appropriate research and citation methods, please reach out to me. Note that you are expected to seek out additional information on academic integrity from me or from other institutional resources. For example, to learn more about how to cite and use source material appropriately and for other writing support, see the U of T writing support website at http://www.writing.utoronto.ca. Consult the Code of Behaviour on Academic Matters for a complete outline of the University's policy and expectations. For more information, please see A&S Student Academic Integrity (https://www.artsci.utoronto.ca/current/academic-advising-and-support/student-academic-integrity) and the University of Toronto Website on Academic Integrity (https://www.academicintegrity.utoronto.ca).

Specific Medical Circumstances

If you become ill and it affects your ability to do your academic work, consult me right away. Normally, I will ask you for documentation in support of your specific medical circumstances. This documentation can be an Absence Declaration (via ACORN) or the University's Verification of Student Illness or Injury (VOI) form. The VOI indicates the impact and severity of the illness, while protecting your privacy about the details of the nature of the illness. If you cannot submit a

VOI due to limits on terms of use, you can submit a different form (like a letter from a doctor), as long as it is an original document, and it contains the same information as the VOI (including dates, academic impact, practitioner's signature, phone and registration number). For more information on the VOI, please see http://www.illnessverification.utoronto.ca. For information on Absence Declaration Tool for A&S students, please see https://www.artsci.utoronto.ca/absence. If you get a concussion, break your hand, or suffer some other acute injury, you should register with Accessibility Services as soon as possible.

Accommodation for Personal Reasons

There may be times when you are unable to complete course work on time due to non-medical reasons. If you have concerns, speak to me or to an advisor in your College Registrar's office; they can help you to decide if you want to request an extension or other forms of academic consideration. They may be able to email your instructors directly to provide a College Registrar's letter of support and connect you with other helpful resources on campus.

Quercus Info (if using)

This Course uses the University's learning management system, Quercus, to post information about the course. This includes posting readings and other materials required to complete class activities and course assignments, as well as sharing important announcements and updates. New information and resources will be posted regularly as we move through the term. To access the course website, go to the U of T Quercus log-in page at https://q.utoronto.ca. SPECIAL NOTE ABOUT GRADES POSTED ONLINE: Please also note that any grades posted are for your information only, so you can view and track your progress through the course. No grades are considered official, including any posted in Quercus at any point in the term, until they have been formally approved and posted on ACORN at the end of the course. Please contact me as soon as possible if you think there is an error in any grade posted on Quercus.

Course Materials, including lecture notes

Course materials are provided for the exclusive use of enrolled students. These materials should not be reposted, shared, put in the public domain, or otherwise distributed without the explicit permission of the instructor. These materials belong to your instructor, the University, and/or other sources depending on the specific facts of each situation and are protected by copyright. Students violating these policies will be subject to disciplinary actions under the Code of Student Conduct.

Video Recording and Sharing (Download and Re-use Prohibited)

This course, including your participation, will be recorded on video and will be available to students in the course for viewing remotely and after each session.

Course videos and materials belong to your instructor, the University, and/or other sources depending on the specific facts of each situation and are protected by copyright. Do not download, copy, or share any course or student materials or videos without the explicit permission of the instructor.

For questions about the recording and use of videos in which you appear, please contact your instructor.

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Equity, Diversity and Inclusion

The University of Toronto is committed to equity, human rights and respect for diversity. All members of the learning environment in this course should strive to create an atmosphere of mutual respect where all members of our community can express themselves, engage with each other, and respect one another's differences. U of T does not condone discrimination or harassment against any persons or communities.

Mental Health and Well-Being

Your mental health is important. Throughout university life, there are many experiences that can impact your mental health and well-being. As a University of Toronto student, you can access free mental health and wellbeing services at Health & Wellness (https://studentlife.utoronto.ca/department/health-wellness/) such as same day counselling, brief counselling, medical care, skill-building workshops, and drop-in peer support. You can also meet with a Wellness Navigation Advisor who can connect you with other campus and community services and support. Call the mental health clinic at 416-978-8030 ext. 5 to book an appointment or visit **https://uoft.me/mentalhealthcare** to learn about the services available to you.

You can also visit your College Registrar to learn about the resources and supports available: https://www.artsci.utoronto.ca/current/academic-advising-and-support/college-registrars-offices

If you're in distress, you can access immediate support: https://uoft.me/feelingdistressed

Online Communication

Instructors are strongly advised to require students use their mail.utoronto.ca email addresses for all course-related communications, and to flag for students that they are expected to check this address regularly. University of Toronto email accounts are more secure, and are also governed by the institution's codes of conduct, meaning that the University has recourse to address any inappropriate communications (e.g., racist, aggressive, threatening, harassing,

etc.) between students and other students as well as with the instructor. Also, if a student claims to have emailed you an assignment, this can be verified by IT staff if needed. For these reasons, instructors can state that they will only respond to emails received from a mail.utoronto.ca account. Note that Quercus has a built-in communication tool, called "Inbox". This is not the same as email. Instructors are advised to review its functions and limitations. If you prefer students to use email instead, you should clearly specify this expectation. You may also wish to remind students not to include attachments in replies to any Quercus system notifications they receive through email; messages with attachments included in replies to these system notification messages are not sent to the instructor.