



Course Schedule

IMPORTANT: ALL TIMES EASTERN - Please see the [University Policies](#) section of your Course Outline for details.

Week	Module	Activities and Assignments	End/Due Date	Weight
Week 1	Module 1: What is Global Health and Why Should We Care?	Groups for Weekly Discussions will be created by Technical Support	Check after Monday, May 8, 2023 at 4:30 PM	
		Introduce Yourself	Friday, May 12, 2023 at 11:55 PM	Ungraded
		Global Citizen Activity (Initial)	Friday, May 12, 2023 at 11:55 PM	5%
Week 2	Module 2: Defining Environment and Defining Health	Module 2 Weekly Discussion	Initial post due: Thursday, May 18, 2023 at 11:55 PM Response posts due: Friday, May 19, 2023 at 11:55 PM	2%
Week 3	Module 3: The Importance of Scale	Module 3 Weekly Discussion	Initial post due: Thursday, May 25, 2023 at 11:55 PM Response posts due: Friday, May 26, 2023 at 11:55 PM	2%
Week 4	Module 4: From Ontology, to Epistemology to Methodology – It’s All Greek to Me!	Module 4 Weekly Discussion	Initial post due: Thursday, June 1, 2023 at 11:55 PM Response posts due: Friday, June 2, 2023 at 11:55 PM	2%
Week 5	Module 5: Theories Used to Frame Environment and Health	Photo Voice Essay (Trial)	Friday, June 9, 2023 at 11:55 PM	5%
Week 6	Module 5: Theories Used to Frame Environment and Health (cont’d)	Module 5 Weekly Discussion	Initial post due: Thursday, June 15, 2023 at 11:55 PM Response posts due: Friday, June 16, 2023 at 11:55 PM	2%

Week 7	Module 6: How Do We Understand Global Health Issues?	Module 6 Weekly Discussion	Initial post due: Thursday, June 22, 2023 at 11:55 PM Response posts due: Friday, June 23, 2023 at 11:55 PM	2%
Week 8	Module 7: On Airs, Waters, and Places	Module 7 Weekly Discussion	Initial post due: Thursday, June 29, 2023 at 11:55 PM Response posts due: Friday, June 30, 2023 at 11:55 PM	2%
		Photo Voice Essay (Final)	Friday, June 30, 2023 at 11:55 PM	25%
Week 9	Module 8: Global Environmental Change and Health	Module 8 Weekly Discussion	Initial post due: Thursday, July 6, 2023 at 11:55 PM Response posts due: Friday, July 7, 2023 at 11:55 PM	2%
Week 10	Module 9: Lay Epidemiology – The Second Greatest Story Ever Told	Module 9 Weekly Discussion	Initial post due: Thursday, July 13, 2023 at 11:55 PM Response posts due: Friday, July 14, 2023 at 11:55 PM	2%
Week 11	Module 10: Environmental Justice, Environmental Equity	Module 10 Weekly Discussion	Initial post due: Thursday, July 20, 2023 at 11:55 PM Response posts due: Friday, July 21, 2023 at 11:55 PM	2%
		Media Assignment	Friday, July 21, 2023 at 11:55 PM	40%
Week 12	Module 11: The Role of Gender in Global Environmental Health	Module 11 Weekly Discussion	Initial post due: Thursday, July 27, 2023 at 11:55 PM Response posts due: Friday, July 28, 2023 at 11:55 PM	2%
		Global Citizen Activity (Revisit)	Tuesday, August 1, 2023 at 11:55 PM	5%

There is no final examination for this course.



Contact Information

Announcements



You are expected to check **Announcements** on the **Course Home** page on a regular basis. To ensure you are viewing the complete list of announcements, you may need to click **Show All Announcements**.

Discussions

Discussion topics can be accessed by clicking **Connect** and then **Discussions** on the course navigation bar above. A [General Discussion](#) topic has been made available to allow you to communicate with your peers in this course. Your instructor and TAs may drop in at this discussion topic.

Contact Us

Who and Why	Contact Details
<p>Instructor and TAs</p> <ul style="list-style-type: none"> □ Course-related questions (e.g., course content, deadlines, assignments, etc.) □ Questions of a personal nature □ Technical problems with the Global Citizen Activity 	<p>Post your course-related questions to the Ask the TA discussion topic. This allows other students to benefit from your question as well.</p> <p>Questions of a personal nature can be directed to your instructor.</p> <p>Instructor: Francesca Cardwell fcardwell@uwaterloo.ca</p> <p>Your instructor checks email frequently and will make every effort to reply to your questions within 24–48 hours, Monday to Friday.</p>
<p>Technical Support, Centre for Extended Learning</p>	<p>learnhelp@uwaterloo.ca</p> <p>Include your full name, WatIAM user ID, student number, and course name and number.</p>

<ul style="list-style-type: none">□ Technical problems with Waterloo LEARN	<p>Technical support is available during regular business hours, Monday to Friday, 8:30 AM to 4:30 PM (Eastern Time).</p> <p>IST Knowledge Base: For Students </p>
<p>Learner Support Services, Centre for Extended Learning</p> <ul style="list-style-type: none">□ General inquiries□ Examination information	<p>Student Resources </p> <p>extendedlearning@uwaterloo.ca</p> <p>Include your full name, WatIAM user ID, student number, and course name and number.</p>



Course Description and Learning Outcomes

Description

Using a global focus, this course addresses a range of environmental issues that affect human health. The course employs a range of case studies from around the globe to address issues of measurement (of exposures and outcomes), evaluation (study designs) and policy responses. Students will be exposed to a range of theoretical perspectives and debates, and engage in innovative assessment activities to illustrate their learnings.

Course Map



As indicated in the concept map for this course (above), we see a landscape that reveals the intersection of a number of different land uses and the humans who interact with them. We see industrial land uses, residential land uses, commercial land uses, as well as a natural environment which provides the backcloth for this landscape. As we embark on the course, we will first establish our expectations of each other as well as the intended learning outcomes. That will provide a foundation for everything that we do throughout this course. We will then develop a keen understanding of the foundational concepts we need to be able to explore the measurement, evaluation and implications of human health-

environment interactions. This will provide us with the knowledge we need to be able to address the more nuanced aspects of these relationships: the challenges to measurement; issues of social/environmental justice and equity; lay epidemiology; and perhaps others that will arise as we move through the course together. The structure of the course is designed to enhance the student's ability to think critically, communicate well, and see themselves as a global citizen.

We will accomplish this by following a series of steps across 11 modules. You will see these steps identified in each of the 11 learning modules as:

- **Read:** Before you start the module, read the assigned materials
- **Review:** Listen to the lecture burst(s)
- **Watch:** There will typically be a video or a film that will illustrate the concepts being discussed in the module
- **Do:** There will typically be an exercise or a case study for you to engage in that allows you to see the application of the concepts being discussed in the module
- **Discuss:** We will engage weekly with each other through online discussion forums in order to facilitate peer learning; you should also discuss this material with others in your working and/or social worlds – what do *they* think about what you're learning?

Finally, throughout the term, there will be a number of assessments that will allow you to display your learnings in a manner that allows me and the teaching assistants to evaluate them for grading purposes. These are outlined in the Grade Breakdown page in this Course Syllabus and much more detail is provided in the Assignments module.

Learning Outcomes

At the end of this course, the successful student should be able to

- Define key terms in environment and health
- Illustrate theoretical framings and understandings of environment and health
- Critically assess the reporting of environment and health relationships in the media as well as the peer-reviewed literature
- Value their role as a global citizen

This online course was developed by Susan Elliott, with instructional design and

multimedia development support provided by the Centre for Extended Learning. Further media production was provided by Instructional Technologies and Multimedia Services.



About the Course Instructor and Course Author

Course Instructor — Francesca Cardwell

Dr. Francesca Cardwell is a Research Associate in the Department of Geography and Environmental Management at the University of Waterloo. Francesca is a health geographer, primarily interested in the relationships between the environment and health. Her broad research interests include environmental risk perception, the social and environmental determinants of health, qualitative research methods, physical activity participation, women's health, child and youth health, and integrated knowledge translation.



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Course Author — Susan J. Elliott, PhD

Professor of Geography and Public Health, Elliott completed her PhD (1992) and has worked as a faculty member at 3 Canadian research-intensive universities. She has an active research career, with over 150 peer-reviewed publications related to environment and (public) health, focused on Canada and the developing world.

She has also supervised 30+ graduate students and post-doctoral fellows to completion. She has undertaken a range of administrative and research leadership roles including Director of the Institute of Environment and Health (McMaster), Senior Research Fellow in the United Nations University Institute for Water, Environment and Health, Dean of Social



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Sciences (McMaster) and Dean of Health Sciences (Waterloo).

For the past 10 years, she has been a program lead for the AllerGen NCE (gene-environment interactions as they relate to allergic disease) and is Principal Investigator (PI) for the development of a National Food Allergy Strategy for Canada and the PI of GLOWING – the development of a Global Index of Wellbeing, based upon the successful Canadian Index of Wellbeing. She is also a Senior Editor for the journal *Social Science and Medicine*.




Materials and Resources


Textbook

- There are NO required or recommended textbooks for this course.

Course Reserves

[Course Reserves for Students](#)  are used in this course. Course Reserves can be accessed using the **Library Resources** widget on the **Course Home** page.

Resources

- Library services for [Co-op students on work term and students taking online courses](#)  .



Grade Breakdown

The following table represents the grade breakdown for this course.

Activities and Assignments	Weight
Global Citizen Activity (Initial)	5%
Weekly Discussions	20% (2% x 10)
Photo Voice Essay (Trial)	5% (Pass/Fail)
Photo Voice Essay (Final)	25%
Media Assignment	40%
Global Citizen Activity (Revisit)	5%
Module 5 Bonus Mark	+1% (BONUS)

Official Grades

Official Grades and Academic Standings are available through [Quest](#) .



Course Policies

If work is submitted late, it will be penalized by removing 5% each day after the due date (weekends included). The instructor recognizes that students periodically require relief from academic work for medical or other personal situations. This policy aims to manage these requests by taking into account the needs and obligations of students. For medical or personal situations resulting in missed academic work, a note from a doctor or counselling services should be provided. The late policy will not be applied if a doctor's or counsellor's note is provided. Missed work without an explanatory note signed by a third party will be given a mark of zero.

Please ensure you save an electronic copy of all of your work. Following submission of assignments, please allow approximately 1 to 2 weeks for marks to be returned. The instructor and university reserve the right to modify elements of the course during the term. The university may change the dates and deadlines for any or all courses in extreme circumstances. If either type of modification becomes necessary, reasonable notice and communication with the students will be given with explanation and the opportunity to comment on changes. It is the responsibility of students to check their email and course websites frequently during the term to note any changes.

Student Conduct

Behaviour in all aspects of this course should meet the standards expected at the University of Waterloo. Inappropriate behaviour directed towards colleagues or the instructor will not be tolerated. Inappropriate behaviour in aspects of this course outside of the classroom (e.g., LEARN discussion boards) will not be tolerated.

Grade Appeals

You have one week from the date that an assignment is returned to appeal your grade. If

you wish to appeal a grade, you must submit a written note justifying why you wish to have the assignment remarked, with the assignment attached. If the written justification is insufficient (e.g., simply wanting a higher grade is insufficient), the assignment will not be re-graded. If the justification is sufficient, the entire assignment will be re-graded. Your mark can therefore increase or decrease.

University Policies

Submission Times

Please be aware that the University of Waterloo is located in the **Eastern Time Zone** (GMT or UTC-5 during standard time and UTC-4 during daylight saving time) and, as such, the time that your activities and/or assignments are due is based on this zone. If you are outside the Eastern Time Zone and require assistance with converting your time, please try the [Ontario, Canada Time Converter](#) .

Short-Term Absences

Review the University of Waterloo's [Accommodations](#) policy for more details.

Additionally, undergraduate students have the option to self-declare a short-term absence during the formal lecture period by following the [Undergraduate student short-term absences](#) process outlined by the Registrar's Office.

Please follow the instructions above and contact your instructor for applicable accommodations.

Academic Integrity

In order to maintain a culture of academic integrity, members of the University of Waterloo community are expected to promote honesty, trust, fairness, respect, and responsibility. **If you have not already completed the online tutorial regarding academic integrity you should do so as soon as possible.** Undergraduate students should see the [Undergraduate Academic Integrity Module](#) and graduate students should see the [Graduate Students and Academic Integrity](#) website.

Proper citations are part of academic integrity. Citations in CEL course materials usually follow CEL style, which is based on APA style. Your course may follow a different style. If you are uncertain which style to use for an assignment, please confirm with your instructor or TA.

For further information on academic integrity, please visit the [Office of Academic Integrity](#).

Turnitin

Turnitin.com: Text matching software (Turnitin®) may be used to screen assignments in this course. Turnitin® is used to verify that all materials and sources in assignments are documented. Students' submissions are stored on a U.S. server, therefore students must be given an alternative (e.g., scaffolded assignment or annotated bibliography), if they are concerned about their privacy and/or security. Students will be given due notice, in the first week of the term and/or at the time assignment details are provided, about arrangements and alternatives for the use of Turnitin® in this course.

It is the responsibility of the student to notify the instructor if they, in the first week of term or at the time assignment details are provided, wish to submit the alternate assignment.

[Turnitin® at Waterloo](#)

Discipline

A student is expected to know what constitutes academic integrity to avoid committing an academic offence, and to take responsibility for his/her actions. A student who is unsure whether an action constitutes an offence, or who needs help in learning how to avoid offences (e.g., plagiarism, cheating) or about "rules" for group work/collaboration, should seek guidance from the course instructor, academic advisor, or the undergraduate Associate Dean. For information on categories of offences and types of penalties, students should refer to Policy 71 - Student Discipline . For typical penalties, check Guidelines for the Assessment of Penalties .

Appeals

A decision made or penalty imposed under Policy 70 - Student Petitions and Grievances , (other than a petition) or Policy 71 - Student Discipline , may be appealed if there is a ground. A student who believes he/she has a ground for an appeal should refer to Policy 72 - Student Appeals .

Grievance

A student who believes that a decision affecting some aspect of his/her university life has been unfair or unreasonable may have grounds for initiating a grievance. Read [Policy 70 - Student Petitions and Grievances](#) , Section 4. When in doubt please be certain to contact the department's administrative assistant who will provide further assistance.

Final Grades

In accordance with [Policy 46 - Information Management](#) , Appendix A - Access to and Release of Student Information, the Centre for Extended Learning does not release final examination grades or final course grades to students. Students must go to [Quest](#) to see all final grades. Any grades posted in Waterloo LEARN are unofficial.

AccessAbility Services

[AccessAbility Services](#) , located in Needles Hall, collaborates with all academic departments to arrange appropriate accommodations for students with disabilities without compromising the academic integrity of the curriculum. If you require academic accommodation to lessen the impact of your disability, please register with AccessAbility Services at the beginning of each academic term and for each course.

Accessibility Statement

The Centre for Extended Learning strives to meet the needs of all our online learners. Our ongoing efforts to become aligned with the [Accessibility for Ontarians with Disabilities Act \(AODA\)](#) are guided by University of Waterloo accessibility [Legislation](#) and policy and the [World Wide Web Consortium's \(W3C\) Web Content Accessibility Guidelines \(WCAG\) 2.0](#) . The majority of our online courses are currently delivered via the Desire2Learn Learning Environment. Learn more about [Desire2Learn's Accessibility Standards Compliance](#) .

Use of Computing and Network Resources

Please see the [Guidelines on Use of Waterloo Computing and Network Resources](#) .

Copyright Information

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Other Sources

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If there are any questions about this notice, please contact the University of Waterloo, Centre for Extended Learning, Waterloo, Ontario, Canada, N2L 3G1 or extendedlearning@uwaterloo.ca (<mailto:extendedlearning@uwaterloo.ca>).

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