

ENVM*4500 - Environmental Management Integrated Project

Winter 2025 Course Outline

Section: 01

Credits: 1.00

Land Acknowledgement: Guelph

The University of Guelph resides on the ancestral lands of the Attawandaron people and the treaty lands and territory of the Mississaugas of the Credit. We recognize the significance of the Dish with One Spoon Covenant to this land and offer respect to our Anishinaabe, Haudenosaunee and Métis neighbours. Today, this gathering place is home to many First Nations, Inuit, and Métis peoples and acknowledging them reminds us of our important connection to this land where we work and learn.

Calendar Description

Students will apply the skills and knowledge gained in earlier courses to analyzing environmental processes and issues associated with an industrial, municipal, or agricultural enterprise. Students will work in teams to complete a detailed environmental report with policy recommendations and action plans.

Prerequisite(s): ENVS*2230

Restriction(s): ENVM*3500

Department(s): School of Environmental Sciences

Lecture Schedule

MonWed 2:30pm-3:50pm in MCKN*236 (1/6 to 4/21)

Due to the nature of this course, we won't have all the lectures and seminars. Make sure to check CourseLink regularly to know when we will have class and when we will have team meetings instead.

Seminar Schedule

Day	Time	Location	Sections
Friday	12:30PM - 1:20 PM	MACN 118	01

Notes about lectures/seminars

Due to the nature of this course, we won't have all the lectures and seminars. Make sure to check CourseLink regularly to know when we will have class and when we will have team meetings instead.

Instructor Information

Simone Haerri

Email: shaerri@uoguelph.ca

Communicating with your Instructor

E-mail is the best way to get in touch with me. I generally answer E-mails once a day. So expect a response within 24 - 48 hours. If your E-mail is time-sensitive, then I will answer as quickly as possible.

Communication options:

E-mail: If you have a conflict that prevents you from completing course requirements, or have a question concerning a personal matter, you can send your instructor a private message by email.

Video Call: If you have a complex question you would like to discuss with your instructor, you may book a video meeting via Zoom. Video meetings depend on the availability and are booked on a first come first served basis.

Team meetings: Given the nature of this course, there will be regular check-ins with your instructor via Zoom or in-person.

Learning Resources

Course Website

CourseLink (<https://courselink.uoguelph.ca/>) (powered by D2L's Brightspace) is the course website and will act as your classroom. It is recommended that you log in to your course website every day to check for announcements, access course materials, and review the weekly schedule and assignment requirements.

Campus Resources

If you are concerned about any aspect of your academic program: Make an appointment with a Program Counsellor (<https://www.uoguelph.ca/uaic/programcounsellors/>) in your degree program. If you are struggling to succeed academically: There are numerous academic resources offered by the Learning Commons (<https://www.lib.uoguelph.ca/using-library/spaces/learning-commons/>) including, Supported Learning Groups for a variety of courses, workshops related to time management, taking multiple choice exams, and general study skills.

Cost of Textbooks and Learning Resources

Textbook / Learning Resource	Required / Recommended	Cost
N/A		

Course Learning Outcomes

1. Apply skills and knowledge obtained from previous courses to objectively assess environmental issues.
2. Prepare and write an environmental assessment report detailing a current environmental issue, including recommendations to address the issue and a cost-benefit analysis, as part of a collaborative group project.
3. Develop a collaborative project plan including a project timeline and demonstrate the ability to follow through.
4. Contribute meaningfully to the completion of a large group project, working as both group leaders and team members, while treating other students fairly and with respect.
5. Critically assess your own contributions and collaborative efforts towards the group project.

Schedule of Topics and Assignments

Week of	Topic	Activities	Due
1/6	Group formation and topic brainstorming		
1/13	Project management, Gantt charts and teamwork		
1/20	Report and presentation overview		
1/27	Students working independently		Sunday Week 4: Graded journal submission, select from week 1, 2, 3 or 4
2/3	Proposal presentations		Monday Week 5: Proposal Presentations Sunday Week 5: Teamwork assessment
2/10	Cost-benefit analysis overview		
2/17		Winter Break	
2/19		Winter Break	
2/24	Cost-benefit analysis and report formatting tips and tricks		
3/3	Students working independently		Sunday Week 8: Graded journal submission, select from week 5, 6, 7 or 8 Sunday Week 8: Teamwork Assessment
3/10	Drop-in workshop		Sunday Week 9: Environmental Assessment Report

3/17	Students working independently	
3/24	Final project presentation	Monday Week 11: Final Presentation
3/31	Wrap-up	Monday Exam Week: Final Report Sunday Week 12: Teamwork Assessment Sunday Week 12: Graded journal submission, select from week 9, 10, 11 or 12

Assessment Breakdown

Description	Weighting (%)
Reflective Journal	10%
Project progress	10%
Project Proposal Presentation	15%
Teamwork assessment	10%
Environmental Assessment Report	20%
Final Project Presentation	15%
Environmental Assessment Report - Revised	20%

Assessment Details

Reflective Activities

Reflective Journal

10%
Due Date: Ongoing

Reflective journal entries are due every Sunday. You need to complete 10 out of 12 weeks to gain the full participation marks. Three entries are graded in more depth. Those three entries are due for submission at the end of week 4, 8 and 12.

Course Learning Outcomes Assessed: 5

Project

Project Progress

10%
Due Date: Ongoing

Project progress will be measured using a variety of different assessment tools including meeting timelines, completing meeting reports, effectively communicating your progress and your overall contribution to the project. These tools might vary between groups to reflect the different requirements of groups to succeed.

Course Learning Outcomes Assessed: 1, 2, 3

Group Presentation

Proposal Presentation

15%
Due Date: Monday, February 3

Presentations will take place during class of Monday, February 3 and Wednesday, February 5

Course Learning Outcomes Assessed: 1, 4

Reflective Activities

Teamwork Assessment

10%
Due Date: At end of week 5, 8, and 12

Teamwork will be assessed three times during the semester; at the end of week 5, 8 and 12. Teamwork grade is a combination of self and peer-assessment and instructor observations. Teamwork grade at the end of the semester will count towards 50% of the teamwork grade, whereas the first two assessments will each count 25%.

Course Learning Outcomes Assessed: 4, 5

Group Project

Environmental Assessment Report

20%

Due Date: Sunday, March 16

Course Learning Outcomes Assessed: 1, 2, 3, 4

Group Presentation

Final Project Presentation

15%

Due Date: Monday, March 24

Presentations will take place during classes of Monday, March 24 and Wednesday, March 26

Course Learning Outcomes Assessed: 1, 2, 4

Group Project

Environmental Assessment Report - Revised

20%

Due Date: Monday, April 7

Course Learning Outcomes Assessed: 1, 2, 4

Last Day to Drop Course

The final day to drop Winter 2025 courses without academic penalty is the last day of classes: April 04

After this date, a mark will be recorded, whether course work is completed or not (a zero is assigned for missed tests/assignments). This mark will show on the student's transcript and will be calculated into their average.

Course Grading Policies

Grading Policy

Assignments are to be submitted online via CourseLink before midnight on the due date. If you require an extension on an assignment, you must have a valid reason and contact Dr. Härrri in advance of the due date.

Late Assignment Policy

Assignments handed-in late, for which an extension has not been granted ahead of time, will lose 10% of the total marks for every day (or part thereof) that it is late (i.e an 80 will become a 70 if your submission is late by one day).

CourseLink Dropbox Submissions

Assignments should be submitted electronically via the online Dropbox tool. When submitting your assignments using the Dropbox tool, do not leave the page until your assignment has successfully uploaded. To verify that your submission was complete, you can view the submission history immediately after the upload to see which files uploaded successfully. The system will also email you a receipt. Save this email receipt as proof of submission. Be sure to keep a back-up copy of all of your assignments in the event that they are lost in transition. In order to avoid any last-minute computer problems, your instructor strongly recommend you save your assignments to a cloud-based file storage (e.g., OneDrive), or send to your email account, so that should something happen to your computer, the assignment could still be submitted on time or re-submitted. It is your responsibility to submit your assignments on time as specified on the Schedule. Be sure to check the technical requirements and make sure you have the proper computer, that you have a supported browser, and that you have reliable Internet access. Remember that technical difficulty is not an excuse not to turn in your assignment on time. Don't wait until the last minute as you may get behind in your work. If, for some reason, you have a technical difficulty when submitting your assignment electronically, please contact your instructor or CourseLink Support. (<http://spaces.uoguelph.ca/ed/contact-us/>)

Course Standard Statements

Group Work

One of the main objectives of this course is for students to learn how to successfully work as part of a collaborative team. The grade for the final project report is shared equally between all group members. This means that approximately 70% (depending on the project progress choices of your team) of your personal grade will be based on the quality of your group work, so collaboration and team work are vital. Grades for the project proposal presentation and the final project presentation will be based on your individual contribution and the group effort. All group members are expected to

contribute meaningfully to their groups. At weekly progress meetings, group members will alternately “chair” the meeting and take the lead presenting the findings of their group for the past week. Any issues with group dynamics will be addressed by the instructor at the weekly progress meetings.

Plagiarism software - Turnitin

In this course, your instructor will be using Turnitin, integrated with the CourseLink Dropbox tool, to detect possible plagiarism, unauthorized collaboration or copying as part of the ongoing efforts to maintain academic integrity at the University of Guelph. All submitted assignments will be included as source documents in the Turnitin.com reference database solely for the purpose of detecting plagiarism of such papers. Use of the Turnitin.com service is subject to the Usage Policy posted on the Turnitin.com site. All assignments will be screened, but you will only have access to your Turnitin score if you contact the instructor at least two days before the due date.

Use of AI Tools

Please read the University of Guelph's statement on the use of AI, including ChatGPT and similar tools, and academic integrity (<https://news.uoguelph.ca/2023/03/university-of-guelph-statement-on-artificial-intelligence-systems-chatgpt-academic-integrity/>). For this course, generative AI tools may be used in accordance with UofG's academic integrity policies. Misuse of AI, including using it to generate entire assignments or misrepresenting its contributions as your own, will be considered a violation of academic integrity policies. The use of generative AI is prohibited for completing the final exam.

Generative AI tools may be used in this course to assist with generating ideas, creating draft outlines, and improving the clarity of your writing, provided that this use adheres to academic integrity standards. These tools should serve as supplementary aids, not as replacements for your own critical thinking, analysis, and creativity. Your submitted work must clearly reflect that the core ideas are your own. If you choose to use AI tools for any work in this course, including assignments and lecture summaries, you must acknowledge their use by providing a brief description of how the tools were used and citing them in APA style.

A word of caution: You are responsible for verifying the accuracy of any content generated by AI tools. These tools can produce inaccurate, false, misleading, or biased information. It is your responsibility to critically evaluate any generated content. Additionally, be cautious when providing personal or sensitive data to any generative AI tool.

(The preparation of the “Appropriate and Fair Use of AI Tools” section for this outline was drafted using ChatGPT and then critically analysed and edited by myself to ensure that the written paragraph reflected my own work. At the end, ChatGPT was used to improve the clarity of my writing followed by one final editing check by myself.)

OpenAI. (2024). *ChatGPT* (August 26 version) [Large language model]. <https://chat.openai.com/chat> (<https://chat.openai.com/chat/>)

Standard Statements for Undergraduate Courses

Academic Integrity

The University of Guelph is committed to upholding the highest standards of academic integrity and it is the responsibility of all members of the University community – faculty, staff, and students – to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff and students have the responsibility of supporting an environment that discourages misconduct. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection.

Please note: Whether or not a student intended to commit academic misconduct is not relevant for a finding of guilt. Hurried or careless submission of assignments does not excuse students from responsibility for verifying the academic integrity of their work before submitting it. Students who are in any doubt as to whether an action on their part could be construed as an academic offence should consult with a faculty member or faculty advisor.

The Academic Misconduct Policy (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-misconduct/>) is outlined in the Undergraduate Calendar.

Accessibility

The University promotes the full participation of students who experience disabilities in their academic programs. To that end, the provision of academic accommodation is a shared responsibility between the University and the student.

When accommodations are needed, the student is required to first register with Student Accessibility Services (SAS). Documentation to substantiate the existence of a disability is required; however, interim accommodations may be possible while that process is underway.

Accommodations are available for both permanent and temporary disabilities. It should be noted that common illnesses such as a cold or the flu do not constitute a disability. Use of the SAS Exam Centre requires students to make a booking at least 10 days in advance, and no later than the first business day in November, March or July as appropriate for the semester. Similarly, new or changed accommodations for online quizzes, tests and

exams must be approved at least a week ahead of time. For students at the Guelph campus, information can be found on the SAS website. (<https://www.uoguelph.ca/sas/>)

Accommodation of Religious Obligations

If you are unable to meet an in-course requirement due to religious obligations, please email the course instructor within two weeks of the start of the semester to make alternate arrangements.

See the Academic calendar for information on regulations and procedures for Academic Accommodations of Religious Obligations (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-accommodation-religious-obligations/>).

Copies of Out-of-class Assignments

Keep paper and/or other reliable back-up copies of all out-of-class assignments: you may be asked to resubmit work at any time.

Drop Date

Students will have until the last day of classes to drop courses without academic penalty. The deadline to drop two-semester courses will be the last day of classes in the second semester. This applies to all undergraduate students except for Doctor of Veterinary Medicine and Associate Diploma in Veterinary Technology (conventional and alternative delivery) students. The regulations and procedures for course registration are available in the Undergraduate Calendar - Dropping Courses (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/dropping-courses/>).

Email Communication

As per university regulations, all students are required to check their <uoguelph.ca> e-mail account regularly: e-mail is the official route of communication between the University and its students.

Health and Wellbeing

The University of Guelph provides a wide range of health and wellbeing services at the Vaccarino Centre for Student Wellness (<https://wellness.uoguelph.ca/>). If you are concerned about your mental health and not sure where to start, connect with a Student Wellness Navigator (<https://wellness.uoguelph.ca/navigators/>) who can help develop a plan to manage and support your mental health or check out our mental wellbeing resources (<https://wellness.uoguelph.ca/shine-this-year/>). The Student Wellness team are here to help and welcome the opportunity to connect with you.

Illness

Medical notes will not normally be required for singular instances of academic consideration, although students may be required to provide supporting documentation for multiple missed assessments or when involving a large part of a course (e.g., final exam or major assignment).

Recording of Materials

Presentations that are made in relation to course work—including lectures—cannot be recorded or copied without the permission of the presenter, whether the instructor, a student, or guest lecturer. Material recorded with permission is restricted to use for that course unless further permission is granted.

Resources

The Academic Calendars (<http://www.uoguelph.ca/registrar/calendars/?index>) are the source of information about the University of Guelph's procedures, policies and regulations which apply to undergraduate, graduate and diploma programs.

When You Cannot Meet a Course Requirement

When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons please advise the course instructor (or designated person, such as a teaching assistant) in writing, with your name, id#, and e-mail contact. See the Undergraduate Calendar for information on regulations and procedures for Academic Consideration. (<https://calendar.uoguelph.ca/undergraduate-calendar/undergraduate-degree-regulations-procedures/academic-consideration-appeals-petitions/>)