

Dalhousie University – Economics Department
ECON 3335. Environmental Economics
May 8– June 23, 2023

Dalhousie University is located in Mi'kma'ki, the ancestral and unceded territory of the Mi'kmaq. We are all Treaty people.

Instructor:

Prof. Catherine Boulatoff

boulatoff@dal.ca

Econ B25

Teaching Assistant:

Carlos Arango

Sections:

T, R 13:35 – 15:55 LSC 244

Office Hours:

Online office hours are available on weekdays with 24 hours' notice; email your instructor to make an appointment.

Course Delivery:

Lectures will be delivered in person and notes will be posted on Brightspace.

Course Objective: In this course, we will investigate the interactions between the environment and the economy. We will apply economic tools to analyze the causes and effects of environmental degradation of water and air in particular and examine the different policies that have been used to improve environmental quality (with special emphasis on the U.S. in the book).

Course Prerequisites:

Econ 2200: Intermediate Microeconomics

Course Materials:

Required books:

- Callan S. and Thomas J. (2013) Environmental Economics & Management: Theory, Policy, and Applications (6th ed.) Thomson/ Southwestern (\$136.25 hard copy, \$77.96 Ebook at the bookstore).

Other sources:

Hanley (N), Jason Shogren, and Ben White (2019) Introduction to Environmental Economics. 3d ed. Oxford.

Tietenberg T. and Lynne Lewis (2008) Environmental & Natural Resource Economics. 8th Ed. Addison-Wesley.

Articles from books, peer reviewed journals, or magazines, and/or videos.

Grading Scheme:

Assignments (4/5)	25% of final grade	Every week (almost) due Sunday by 11:59 pm
Comments: (4/5)	10% of final grade	Every week (almost) due Tuesday by 11:59 pm
Participation	10%	In class activities
Quizzes (5/6)	20% of final grade	(R) May 11, 18, 25, June 1, 8, 15
Final Exam:	35% of final grade	(R) June 22

Course requirements:

Assignments (25%):

- Every week (almost), you will record a short video (up to 10 minutes) summarizing an article, or a video, AND discussing one idea developed in that article/video/experiment.
- Each video will have two Power Point slides (and only two). We should see the slide and your face. Do make sure you do not read while presenting.
- You will upload each video on Flipgrid by 11:59 pm on Sunday. The link to Flipgrid is: 9d0c0069.
- Please refer to the **Presentations document** for a more detailed list of each of the sources that you will be using for your presentation.
- There will be 5 presentations total.
- The best four will count toward your grade.

Comments (10%):

- Each one of you will comment on 2 other presentations (see above) each week (or almost). Your (written) comments should include (a) a title (the name of the student you are reviewing), (b) one specific positive comment on their presentation (i.e. avoid sweeping statements such as “great presentation”), and (c) one specific constructive criticism that they could use to improve their presentation(s) in the future.
- There will be a total of 5 comments (each one will include comments on 2 presentations from that week).
- You will upload your comments on Flipgrid by Tuesday by 11:59pm (2 days after the due date of the presentation).
- The best four will count toward your grade.

Participation (10%)

- You will work in groups in class and discuss articles or videos.
- You may be excused for 2 activities this term.

Quizzes (25%):

- We will have a quiz at the end of class each week. The quiz will be on anything we have covered the previous day.
- There will be a total of 6 quizzes, and only 5 quizzes will count toward your grade
- Each quiz should be done individually. Anyone caught sharing their answers, giving their answers to a peer, or looking at someone’s else quiz will receive a zero on that quiz. Note: the zero grade will be given to both parties. This means that when taking the quiz, do make sure no one can see you answers.

Exam (40%)

- A 2 hour comprehensive exam will take place on June 22 (R) (week 6)
- The exam will be held in person.
- The exam will be based on everything covered during the term (lecture notes and readings or videos).

This course has a Brightspace page for all registered students; see <https://dal.brightspace.com> for details. **Class materials, marks, and announcements will be posted to Brightspace.** It is essential that you familiarize yourself with how to use the Brightspace system.

Important Dates:

May 15	Last day to change or add classes for registered students
May 23	Last day to drop without a “W”
	Last day to change from Audit to Credit and Vice Versa
June 8	Last day to drop with a “W”

Grading Scale:

A+	90 - 100%	B+	75 – 79.9%	C+	62 – 64.9%	D	50 – 54.9%
A	85 – 89.9%	B	70 – 74.9%	C	58 – 61.9%	F	< 50
A-	80 – 84.9%	B-	65 – 69.9%	C-	55 – 57.9%		

If you feel that an assignment or quiz was marked incorrectly, you may return it to the instructor with a written note explaining what you think was marked inaccurately. This must be done in a timely manner; if you feel a mark should be corrected, you must see your professor before the next marked assignment or quiz, is returned. All assignments and quizzes must be dealt with before the date of the final exam.

If a student misses the final exam for a valid reason, as defined in Section 16.8 of the University Calendar, the student will have the opportunity to write a make-up exam in the Fall. All exams must be written on campus.

Students may request accommodation as a result of barriers related to disability, religious obligation, or any characteristic under the Nova Scotia Human Rights Act. Students who require academic accommodation for either classroom participation or the writing of tests, quizzes and exams should make their request to the Office of Student Accessibility & Accommodation (OSAA) (by phone at 494-2836, by email at access@dal.ca or by dropping in at the Mark A. Hill Accessibility Centre, 6227 University Avenue) prior to or at the outset of each academic term (with the exception of X/Y courses). Please see www.studentaccessibility.dal.ca for more information and to obtain Form A - Request for Accommodation. A note taker may be required to assist a classmate. There is an honorarium of \$75/course/term. If you are interested, please contact OSAA at 494-2836 for more information. Please note that your classroom may contain specialized accessible furniture and equipment. It is important that these items remain in the classroom so that students who require their usage will be able to participate in the class.

Course Policies:

Academic integrity: To maintain academic integrity, students are expected to do their own work on assignments, quizzes, and midterms, without reference to colleagues or online sources.

Email policy: I will do our best to respond to email within 24 hours on a weekday, 48 hours on a weekend.

Note: I may not reply to emails that request information that can be found on Brightspace, the syllabus, or in lectures, so you should check those places first.

Health and safety: All students are required to comply with health and safety requirements on campus, and should be considerate of others' health concerns. Non-compliance may be reported under the Code of Student Conduct.

Course Schedule:

Week	Date	Topics, Readings, and Deliverables
1.	May 8	Chapter 1: Introduction Chapter 3: Modelling Market Failure Read: Environmental Economics & Management, Chapters 1 & 3. Submit: Assignment 1 (Happy City Ch10), due Sunday, May 14.
2.	May 15	Chapter 4: The Command-and-Control Approach Chapter 5: The Market Approach Read: Environmental Economics & Management, Chapters 4 & 5. Submit: Comments 1 on Assignment 1, due Tuesday, May 16. Submit: Assignment 2 (video on fast fashion), due Sunday, May 21
3.	May 22	Chapter 6: Environmental Risk and Behavior Chapter 7: Assessing Benefits for Environmental Decision Making Read: Environmental Economics & Management, Chapters 6 & 7. Submit: Comments 2 on Assignment 2, due Tuesday, May 23. Submit: Assignment 3 (The Day the World Stops shopping Ch14), due Sunday, May 28.
4.	May 29	Chapter 8: Assessing Costs for Environmental Decision Making Read: Environmental Economics & Management, Chapter 8. Walk-a-thon Submit: Comments 3 on Assignment 3, due Tuesday, May 30 Submit: Assignment 4 (Stavins) due Sunday, June 4
5.	June 5	Chapter 9: Benefit-Cost Analysis for Environmental Decision Making Read: Environmental Economics & Management, Chapters 9 & 10. Submit: Comments 4 on Assignment 4, due Tuesday, June 6 Submit: Assignment 5 (video Food Inc), due Sunday, June 11
6.	June 12	Chapter 13: Global Air Quality: Policies for Ozone Depletion and Climate Change Chapter 18: Managing Municipal Wastes Read: Environmental Economics & Management, Chapters 13 & 18. Submit: Comments 5 on Assignment 5, due Tuesday, June 13
7.	June 19	Chapter 20: Development, Poverty, and the Environment Read: Environmental Economics & Management, Chapter 20. Submit: Exam, June 22 (R)

University Policies and Statements

This course is governed by the academic rules and regulations set forth in the University Calendar and by Senate.

Academic Integrity

At Dalhousie University, we are guided in all of our work by the values of academic integrity: honesty, trust, fairness, responsibility and respect (The Center for Academic Integrity, Duke University, 1999). As a student, you are required to demonstrate these values in all of the work you do. The University provides policies and procedures that every member of the university community is required to follow to ensure academic integrity. Information: https://www.dal.ca/dept/university_secretariat/academic-integrity.html

Accessibility

The Advising and Access Services Centre is Dalhousie's centre of expertise for student accessibility and accommodation. The advising team works with students who request accommodation as a result of a disability, religious obligation, or any barrier related to any other characteristic protected under Human Rights legislation (Canada and Nova Scotia).

Information: https://www.dal.ca/campus_life/academic-support/accessibility.html

Student Code of Conduct

Everyone at Dalhousie is expected to treat others with dignity and respect. The Code of Student Conduct allows Dalhousie to take disciplinary action if students don't follow this community expectation. When appropriate, violations of the code can be resolved in a reasonable and informal manner—perhaps through a restorative justice process. If an informal resolution can't be reached, or would be inappropriate, procedures exist for formal dispute resolution.

Code: https://www.dal.ca/dept/university_secretariat/policies/student-life/code-of-student-conduct.html

Diversity and Inclusion – Culture of Respect

Every person at Dalhousie has a right to be respected and safe. We believe inclusiveness is fundamental to education. We stand for equality. Dalhousie is strengthened in our diversity. We are a respectful and inclusive community. We are committed to being a place where everyone feels welcome and supported, which is why our Strategic Direction prioritizes fostering a culture of diversity and inclusiveness **Statement:**

<http://www.dal.ca/cultureofrespect.html>

Recognition of Mi'kmaq Territory

Dalhousie University would like to acknowledge that the University is on Traditional Mi'kmaq Territory. The Elders in Residence program provides students with access to First Nations elders for guidance, counsel and support. Visit or e-mail the Indigenous Student Centre (1321 Edward St) (elders@dal.ca).

Information: https://www.dal.ca/campus_life/communities/indigenous.html

Important Dates in the Academic Year (including add/drop dates)

https://www.dal.ca/academics/important_dates.html

University Grading Practices

https://www.dal.ca/dept/university_secretariat/policies/academic/grading-practices-policy.html