COURSE DESCRIPTION

This course introduces students to the economic analysis of environmental issues. The objective is to familiarize students with the causes, consequences and possible solutions to local and global environmental issues. Topics covered include externalities, public goods, market failure, benefit-cost analysis, measuring non-market values, and policies for environmental regulation.

Prerequisite: ECON 1000 or FYSM 1003.
Students who believe they have taken similar background course or courses from another university must provide appropriate documentation to the Department of Economics Undergraduate Administrator, Amanda Wright.

CuLearn
All course content will be available through cuLearn

REQUIRED TEXT


Other (optional) readings:

Students may also find the following documents useful. They are all available through the Carleton library website.


**COURSE CONTENT**

1. Overview of Environmental Economics
   1. What is Environmental Economics? (Chapter 1)
   2. Linkages Between the Economy and the Environment (Chapter 2)

2. Analytical Tools
   3. Benefits and Costs, Demand and Supply (Chapter 3)
   4. Economic Efficiency and Markets (Chapter 4)
   5. The Economics of Environmental Quality (Chapter 5)

3. Benefit-Cost Analysis
   6. Framework of Analysis (Chapter 6)
   7. Benefit Cost Analysis: Benefits (Chapter 7)
   8. Benefit Cost Analysis: Costs (Chapter 8)

4. Environmental Policy Analysis
   9. Criteria to Evaluate Environmental Policies (Chapter 9)
   10. Liability Laws, Property Rights, Moral Suasion (Chapter 10)
   11. Standards (Chapter 11)
   12. Emission Taxes and Subsidies (Chapter 12)
   13. Transferable Emission Permits (Chapter 13)
   14. Compliance Costs, Uncertainty, and Information (Chapter 14)

5. Selected Environmental Problems*
   15. Selected environmental policies and Institutions in Canada (Chapter 15-20)

*Time permitting. Note: all chapters are from the main course textbook.

Note: The foregoing is a tentative list of contents. There may be changes due to questions and interests of students.
COURSE EVALUATION

Each student’s grade will be calculated as a weighted average of the following four components:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Assignment 1</td>
<td>15%</td>
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<tr>
<td>Assignment 2</td>
<td>15%</td>
</tr>
<tr>
<td>Mid-Term exam (October 18)</td>
<td>25%</td>
</tr>
<tr>
<td>Final examination (December 10-22)</td>
<td>45%</td>
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</tbody>
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Each student’s final grade in the course will be calculated as a weighted average of scores for assignment 1 (15%), assignment 2 (15%), a mid-term examination (25%), and a final examination (45%).

Assignment

Two assignments will be expected in this course. The first assignment will be due on September 27, 2017 and the second assignment will be due on November 22, 2017. All submitted assignments should be typed. Hand-written assignments will not be accepted.

Students will lose 5% per each day for submitting assignments after the due dates of September 27, 2017 and November 22, 2017. Students who fail to submit their assignments without a compelling reason will be awarded a grade of zero for the assignment and the assignment grade will not be distributed to the remaining evaluation instruments.

Midterm Examination

The midterm examination will be held in class on October 18, 2017 and will cover text materials, lecture notes, and other documents discussed in class up until that time.

There will be no deferred mid-term examination. Students who can document a compelling reason for missing the mid-term examination will be excused and their final grade will be based on their performance in the rest of the course; i.e., the weight of each of the remaining evaluation instruments will rise by a factor of 4/3 (example, the final examination weight will become 45%*4/3 = 60%). Students must inform the instructor of such an absence in advance, if possible.

Doctor’s note or police report

The documentation provided by students for missed midterm may be subject to verification. Students who provide such documentation must also complete the “Consent to Release Information to a Third Party” form posted on cuLearn.
Final Examination
The final examination will be held between December 10 and 22, 2017. The exact date, time, and place of the final examination will be determined by the University. The final examination will cover text materials and class discussions throughout the course.

Email Policy
Email should be reserved for questions relating to scheduling, administrative issues or urgent matters affecting your participation in the course. In general it is not possible to effectively answer all questions about class material by e-mail; please reserve these questions for office hours. If you do e-mail me, I will respond within no more than 48 hours. Please include Econ 3804 in the subject line of all emails.

Satisfactory Performance Criteria
Students must fulfil all of the preceding course requirements in order to achieve a passing grade (D- or higher). See Academic Regulation 2.3 for the official meanings of these grades, and note that it stipulates that no course grades are final until approved by the Faculty Dean. Note also that course grades may be scaled upwards or downwards in a rank-preserving manner to better fit the relevant departmental distributional norm. Application to write a deferred final examination must be made at the Registrar’s Office.

Plagiarism
Please be aware that plagiarism is serious offence at Carleton and should be recognized and avoided. Please consult Carleton University’s Academic Integrity Policy at http://www2.carleton.ca/studentaffairs/academic-integrity.

Academic Accommodations
You may need special arrangements to meet your academic obligations during the term. For an accommodation request the processes are as follows:

Pregnancy obligation: write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details see the Student Guide at https://carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf

Religious obligation: write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details see the Student Guide at https://carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf

Academic Accommodations for Students with disabilities
The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with learning Disabilities (LD), psychiatric/mental health disabilities, Attention Deficit Hyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), chronic medical conditions, and impairments in mobility, hearing, and vision. If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or pmc@carleton.ca for a formal evaluation. If you are already registered with the PMC, contact your PMC coordinator to send me your Letter of Accommodation at the beginning of the term, and no later than two weeks before the first in-class scheduled test or exam requiring accommodation (if applicable). After requesting accommodation from PMC, meet with me to ensure accommodation arrangements are made. Please consult the PMC website for the deadline to request accommodations for the formally-scheduled exam (if applicable).