



ORIGINAL COURSE IMPLEMENTATION DATE: April 1992
 REVISED COURSE IMPLEMENTATION DATE: January 2019
 COURSE TO BE REVIEWED (six years after UEC approval): May 2024
 Course outline form version: 10/27/2017

OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

Course Code and Number: ECON 361	Number of Credits: 3 Course credit policy (105)														
Course Full Title: Environmental Economics Course Short Title: <i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>															
Faculty: Faculty of Social Sciences	Department (or program if no department): Economics														
Calendar Description: Explores the relationship between economic activity, government regulation, and environmental outcomes. Students will study the economic framework used to estimate the costs and benefits of environmental regulations in order to evaluate various applied policy questions. Note: This course is offered as ECON 361 and GEOG 361. Students may take only one of these for credit.															
Prerequisites (or NONE):	45 university-level credits, including ECON 100.														
Corequisites (if applicable, or NONE):															
Pre/corequisites (if applicable, or NONE):															
Antirequisite Courses <i>(Cannot be taken for additional credit.)</i> Former course code/number: Cross-listed with: GEOG 361 Dual-listed with: Equivalent course(s): GEOG 361 <i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>	Special Topics This course is offered with different topics: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(Double-click on box to select it as checked.)</i> If yes, different lettered courses may be taken for credit: <input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit <i>(The specific topic will be recorded when offered.)</i>														
Typical Structure of Instructional Hours <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Lecture/seminar hours</td><td style="text-align: center;">45</td></tr> <tr><td>Tutorials/workshops</td><td></td></tr> <tr><td>Supervised laboratory hours</td><td></td></tr> <tr><td>Experiential (field experience, practicum, internship, etc.)</td><td></td></tr> <tr><td>Supervised online activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;">Total hours</td><td style="text-align: center;">45</td></tr> </table> Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Lecture/seminar hours	45	Tutorials/workshops		Supervised laboratory hours		Experiential (field experience, practicum, internship, etc.)		Supervised online activities		Other contact hours:		Total hours	45	Transfer Credit Transfer credit already exists: (See bctransferguide.ca) <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes Submit revised outline for rearticulation: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i>
Lecture/seminar hours	45														
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Supervised online activities															
Other contact hours:															
Total hours	45														
	Grading System <input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit														
	Expected Frequency of Course Offerings: Every other year <i>(Every semester, Fall only, annually, every other Fall, etc.)</i>														
Department / Program Head or Director: Michael K. Maschek	Date approved: January 2018														
Faculty Council approval	Date approved: February 2018														
Dean/Associate VP: Jacqueline Nolte	Date approved: February 2018														
Campus-Wide Consultation (CWC)	Date of posting: April 13, 2018														
Undergraduate Education Committee (UEC) approval	Date of meeting: May 18, 2018														

Learning Outcomes:

Upon successful completion of this course, students will be able to:

- Use economic models to explain different patterns of growth and environmental change.
- Select and adapt economic models to address key issues in environmental economics and policy.
- Assess the effectiveness of various economic concepts and models in evaluating different environmental issues.
- Compare and contrast concepts such as cost-benefit analysis, cost-effectiveness analysis, and environment impact analysis.
- Evaluate some of the measurement issues which arise in environmental policy.

Prior Learning Assessment and Recognition (PLAR)

Yes No, PLAR cannot be awarded for this course because

Typical Instructional Methods (*Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.*)

Lectures will develop theories and apply them to problems in environmental economics. There will be extensive use of graphing and problem solving. Formal analytic analysis and the economic intuition that underlies it are used.

NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.

Typical Text(s) and Resource Materials (*If more space is required, download Supplemental Texts and Resource Materials form.*)

Author (surname, initials)	Title (article, book, journal, etc.)	Current ed.	Publisher	Year
1. Tietenberg/ Lewis	Environmental and Natural Resource Economics, 10 th Edition	<input checked="" type="checkbox"/>	Pearson	2014
2. Field/ Olewiler	Environmental Economics, 4 th Edition	<input checked="" type="checkbox"/>	McGraw-Hill	2015
3.		<input type="checkbox"/>		
4.		<input type="checkbox"/>		
5.		<input type="checkbox"/>		

Required Additional Supplies and Materials (*Software, hardware, tools, specialized clothing, etc.*)**Typical Evaluation Methods and Weighting**

Final exam:	30%	Assignments:	20%	Field experience:	%	Portfolio:	%
Midterm exam:	20%	Project:	%	Practicum:	%	Participation:	10%
Quizzes/tests:	20%	Lab work:	%	Shop work:	%	Total:	100%

Details (if necessary):**Typical Course Content and Topics**

- Economics and the environment; nature of the problem
- Analytical models and framework of analysis
- Environmental analysis
- Environmental intervention strategies and associated policy issues
- Economics of natural resource allocation – renewable and non-renewable
- Economic development and sustainability
- Environmental policy and the economic impact on Indigenous communities
- Selected issues/applications