UNIVERSITY OF THE FRASER VALLEY

ORIGINAL COURSE IMPLEMENTATION DATE: April 1992
REVISED COURSE IMPLEMENTATION DATE: September 2026
COURSE TO BE REVIEWED (six years after UEC approval)**:** February 2032
Course outline form version: 26/01/2024

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:** Environmental Economics	
Faculty: Faculty of Social Sciences	**Department (or program if no department):** Economics

Calendar Description:

Examines the relationship between economic activity, government regulation, and environmental outcomes through both mainstream economic models and Indigenous knowledge systems. Students explore frameworks for evaluating environmental policies with attention to equity, sustainability, and impacts on Indigenous and marginalized communities.

Prerequisites (or NONE):	45 university-level credits including ECON 100.
Corequisites (if applicable, or NONE):	None.
Pre/corequisites (if applicable, or NONE):	None.

Antirequisite Courses *(Cannot be taken for additional credit.)*

Former course code/number:

Cross-listed with: **GEOG 361**

Equivalent course(s): **GEOG 361**

(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.)

Typical Structure of Instructional Hours

Lecture/seminar	45
Total hours	**45**

Scheduled Laboratory Hours

Labs to be scheduled independent of lecture hours: ☒ No ☐ Yes

Course Details

Special Topics course: **No**
(If yes, the course will be offered under different letter designations representing different topics.)

Directed Study course: **No**
(See policy 207 for more information.)

Grading System: **Letter grades**

Delivery Mode: **May be offered in multiple delivery modes**

Expected frequency: **Every other year**

Maximum enrolment (for information only)**: 36**

Prior Learning Assessment and Recognition (PLAR)

PLAR is available for this course.

Transfer Credit *(See **bctransferguide.ca**.)*

Transfer credit already exists: **Yes**

Submit outline for (re)articulation: **No**
(If yes, fill in transfer credit form.)

Department approval	**Date of meeting:**	March 14, 2025
Faculty Council approval	**Date of meeting:**	June 6, 2025
Undergraduate Education Committee (UEC) approval	**Date of meeting:**	February 27, 2026

Learning Outcomes *(These should contribute to students' ability to meet program outcomes and thus Institutional Learning Outcomes.)*

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

1. Use economic models to explain different patterns of growth and environmental change, including indigenous perspectives on exchange.
2. Apply economic models to address key issues in environmental economics and policy, with attention to their impacts on diverse communities.
3. Assess the effectiveness of various economic concepts and models in evaluating different environmental issues.
4. Differentiate among cost-benefit analysis, cost-effectiveness analysis, and environmental impact analysis.
5. Evaluate some of the measurement issues which arise in environmental policy.

Recommended Evaluation Methods and Weighting *(Evaluation should align to learning outcomes.)*

Final exam:	30%	Assignments:	20%		%
Quizzes/tests:	40%	Holistic assessment:	10%		%

Details:

Holistic assessment includes research and synthesis assignments.

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

Typical Instructional Methods *(Guest lecturers, presentations, online instruction, field trips, etc.)*

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.

Texts and Resource Materials *(Include online resources and Indigenous knowledge sources. Open Educational Resources (OER) should be included whenever possible. If more space is required, use the Supplemental Texts and Resource Materials form.)*

	Type	Author or description	Title and publication/access details	Year
1.	Textbook	Tietenberg, Lewis	Environmental and Natural Resource Economics, 12th Edition, Pearson	2023
2.	Textbook	Field, Olewiler	Environmental Economics, 4th Edition, McGraw-Hill	2015
3.	Textbook			
4.				
5.				

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

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