

Last Revised: February 2022

COURSE INFORMATION

Course Title: Environmental Economics

Course Number: ECON 260

Credits: 3

Total Weeks: 14 (Fall, Spring)
12 (Summer) **Total Hours:** 39

Course Level: First Year Second Year
 New Revised Course
 Replacement Course

Department: Economics

Department Head: S. Plater

Former Course Code(s) and Number(s) (if applicable): N/A

Pre-requisites (If there are no prerequisites, type NONE): ECON 101, ECON 102

Co-requisite Statement (List if applicable or type NONE): NONE

Precluded Courses: N/A

COURSE DESCRIPTION

This course introduces students to the relationship between economic activity and the environment. In particular, students will apply microeconomic tools such as benefit-cost analysis to environmental issues and policies. Discussion of Canadian and global environmental issues, and as well as evaluation of Canadian environmental policy tools will give students an opportunity to apply their knowledge.

LEARNING OUTCOMES

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

- discuss the linkages between the economy and the environment.
- conduct benefit-cost analysis of environmental policy.
- apply microeconomic tools to environmental issues and policies.
- apply environmental policy tools to theoretical economics models.
- discuss and evaluate environmental policies tools used by the three levels of government in Canada.
- discuss global environmental issues.

INSTRUCTION AND GRADING

Instructional (Contact) Hours:

Type	Duration
Lecture	39
Seminars/Tutorials	
Laboratory	
Field Experience	
Other (<i>specify</i>):	
Total	39

Grading System: Letter Grades Percentage Pass/Fail Satisfactory/Unsatisfactory Other

Specify passing grade: 50%

Evaluation Activities and Weighting (total must equal 100%)

Assignments: % <i>Specify number of, variety, and nature of assignments:</i>	Lab Work: %	Participation: 5% <i>Class Participation</i>	Project: % <i>Specify nature of project:</i>
Quizzes/Test: %	Midterm Exams: 50%	Final Exam: 45%	Other: %

TEXT(S) AND RESOURCE MATERIALS

Provide a full reference for each text and/or resource material and include whether required/not required.

Field, Barry C. and Martha K. Field, Environmental Economics: An Introduction. 8th International Student Edition, McGraw Hill.2021.

COURSE TOPICS

List topics and sequence covered.

Week	Topic
Week 1	
Week 2	Analytical Tools: Benefits and Costs, Supply and Demand
Week 3	Analytical Tools: Markets, Externalities and Public Goods
Week 4	Introduction to Environmental Economics
Week 5	Analytical Tools: The Economics of Environmental Quality
Week 6	Environmental Analysis: Framework of Analysis
Week 7	Environmental Analysis: Benefit-Cost Analysis: Benefits
	MID-TERM
Week 8	Environmental Analysis: Benefit-Cost Analysis: Costs
Week 9	Environmental Policy Analysis: Criteria for Evaluating Environmental Policy
Week 10	Environmental Policy Analysis: Decentralized Policies: Liability Laws, Property Rights and Voluntary Action
Week 11	Environmental Policy Analysis: Command-and-Control Strategies: The Case of Standards
Week 12	Environmental Policy Analysis: Incentive-Based Strategies: Environmental Charges and Subsidies
Week 13	Environmental Policy Analysis: Incentive-Based Strategies: Market Trading Systems
Week 14	FINAL EXAM

NOTES

1. Students are required to follow all College policies. Policies are available on the website at: [Coquitlam College Policies](#)
2. To find out how this course transfers, visit the BC Transfer Guide at: bctransferguide.ca