



## CURRICULUM GUIDE: OFFICIAL COURSE OUTLINE

Course Code	ECON 260	Course Title	Environmental Economics			
Credit Value	3	Department	Social Sciences			
No. of weeks	14	Hrs. per week	<i>Lecture</i>	<i>Tutorial</i>	<i>Laboratory</i>	<i>Total</i>
			3	0	0	3
Course Description	An introduction to the relationship between economic activity and the environment; causes, consequences and possible solutions to local and global environmental issues. Economic analysis of environmental problems such as water and air pollution and global climate change. Evaluation of market failures due to externalities and public goods. Market and non-market regulation of environmental problems.					
Prerequisite(s)	ENGL 098, ECON 103					
Initial Articulation Targets	<i>UBC</i>	<i>SFU</i>	<i>UVic</i>	<i>UNBC</i>	<i>TRU</i>	
	ECON 2nd (3) Precludes credit for ECON 371	ECON 260 (3)-Q	ECON 200 Lev (1.5)	ECON 2XX (3)	ECON 2XXX (3)	
	For updated information on the transferability of this course, please consult the BC Transfer Guide, <a href="http://www.bctransferguide.ca">www.bctransferguide.ca</a>					
Learning Outcomes	<p>Upon successful completion of this course, the student will be able to:</p> <ul style="list-style-type: none"> <li>• Apply economic principles to analyze specific environmental problems and issues.</li> <li>• Understand the static, dynamic and sustainability criterion for economic efficiency.</li> <li>• Identify the sources of market failure (inefficiency) and the economic principles of pollution control.</li> <li>• Understand the use of various instruments developed by economists to deal with environmental problems and to evaluate alternative courses of action for policy makers.</li> <li>• Apply economic analyses to practical situations involving environmental regulation</li> </ul>					
Content	<p><b>Core</b> topics – all of the following will be covered:</p> <ul style="list-style-type: none"> <li>• What is environmental economics?</li> <li>• Linkages between the economy and the environment</li> <li>• Benefits and costs, supply and demand</li> <li>• Economic efficiency and markets</li> <li>• The economics of environmental quality</li> <li>• Framework of analysis</li> <li>• Criteria for evaluating environmental policies</li> <li>• Liability laws, property rights, moral suasion, green goods</li> <li>• Standards</li> <li>• Emission taxes and subsidies</li> </ul>					



	<ul style="list-style-type: none"> <li>• Transferable discharge permits</li> <li>• Environmental policies in perspective</li> <li>• Environmental policy in Canada: an overview</li> <li>• Water pollution-control policies</li> <li>• Air pollution-control policy</li> <li>• Policy on toxic and hazardous substances</li> <li>• Recycling, solid waste disposal, recycling and land use</li> <li>• Global environmental problems</li> </ul> <p>Additional topics may also be covered, at the discretion of the instructor.</p>		
Methods of Instruction	Lecture, seminar		
Required Textbook(s)	<p>The following textbook(s) is/are required, or approved equivalent(s).</p> <p>Field, Barry and Olewiler, Nancy. Environmental Economics, Latest Canadian Edition. McGraw-Hill Ryerson.</p>		
Required Equipment and Technology	<p>Students are required to have a computer with internet access.</p> <p>The following resources are provided by the College:</p> <ul style="list-style-type: none"> <li>• Office 365</li> <li>• Student email</li> </ul>		
Homework Hours	At minimum, students can expect one hour of homework for every hour of instructional time.		
Evaluation	<i>Component</i>	<i>% Value</i>	
	Assignments (2-4)	0-30%	
	Quizzes	0-20%	
	Class participation	0-10%	
	Term examination(s)	30-70%	
	Final examination	30-40%	
Completion Requirements	The minimum grade to pass this course is D (50%). Unless otherwise stated, a minimum grade of C- (55%) is required for this course to fulfil a prerequisite.		
Course Designer(s)	Douglas Allen, Ph.D., Department of Economics, Simon Fraser University	Consultant(s), if applicable	
Dean's Approval	Barbara Moon, Ph.D., Dean of Arts and Sciences, Alexander College	Dean's Approval Date	September 27, 2006
Curriculum Committee Approval Date	September 27, 2006	First Term Offered	Fall 2008
Last Review Date	August 11, 2021	Next Review Date	August 11, 2026



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Revision History	<p>August 1, 2014-Revised by Douglas Allen</p> <p>April 29, 2015-Library resources added by Librarians, AC</p> <p>August 11, 2021 – Minor revision of grading (added participation mark) and updating of textbooks by Laurel Xiao and Tony Xiang</p>
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