



教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	環境經濟學		學年/學期 Academic Year/Semester	101/2
課程名稱(英文) Course Name in English	Environmental Economics			
科目代碼 Course Code	IIE_56100	系級 Department & Year	碩士	開課單位 Course-Offering Department
修別 Type	選修 Elective	學分數/時間 Credit(s)/Hour(s)	3.0/3.0	
授課教師 Instructor	/林慧菁			
先修課程 Prerequisite				
課程描述 Course Description				
使同學瞭解當前的環境保護政策背後的經濟理念，並學習如何以經濟分析工具評估環境保護政策的利弊得失。				
課程目標 Course Objectives				
介紹當前的環境經濟政策之理論架構與分析方法，如：environmental philosophy and ethics, markets and efficiency, the valuation of environmental amenities, pollution regulation, policy options and analysis; and international issues。				
圖示說明 Illustration : ● 高度相關 Highly correlated ○ 中度相關 Moderately correlated				
授課進度表 Teaching Schedule & Content				
週次 Week	內容 Subject/Topics			備註 Remarks
1	I. Introduction:			
2	the Economics Perspective on the Environment (Ch 1)			
3	Issues and Trend (downloadable article)			
4	II. Basic Concepts and Tools			
5	Basic Concepts: Market Failure (Ch 2, p. 22-42)			
6	The Problem of Social Cost (Coase)			
7	Information (Ch 2, p. 43-57)			
8	Welfare Theory and Benefit-Cost Analysis (講義)			
9	期中考試週 Midterm Exam			
10	Pollution Control: Emission Standards and Fees, Taxes (p. 58-78 and Ch 4)			
11	Tradeable Permit (p. 87-91, Ch 5)			
12	Valuing Costs and Benefits: Transaction Cost			
13	Uncertainty, Use and Nonuse values (Ch 12)			
14	Contingent Valuation (Ch 13)			
15	Travel Cost and Hedonics (Ch 13)			

16	Environmental Law and Liability (download articles)	
17	Information Disclosure (download articles)	
18	期末考試週 Final Exa	

教學策略 Teaching Strategies

- 課堂講授 Lecture
 分組討論 Group Discussion
 參觀實習 Field Trip
 其他 Miscellaneous: 期末報告

學期成績計算及多元評量方式 Grading & Assessments

配分項目 Items	配分比例 Percentage	多元評量方式 Assessments							
		測驗 會考	實作 觀察	口頭 發表	專題 研究	創作 展演	卷宗 評量	證照 檢定	其他
平時成績 General Performance	0%								
期中考成績 Midterm Exam	0%								
期末考成績 Final Exam	50%	✓							
作業成績 Homework and/or Assignments	0%								
其他 Miscellaneous (期末報告)	50%			✓	✓				

評量方式補充說明
Grading & Assessments Supplemental instructions

教科書與參考書目 (書名、作者、書局、代理商、說明)
Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.)

Hanley, N., J. F. Shogren and B. White, 1997, Environmental Economics: in Theory and Practice, Oxford University Press.
 Freeman, A. M., III, 1993, The Measurement of Environmental and Resource Values, Washington DC: Resources for the Future.
 Dorfman, R. and N. S. Dorfman, eds., 1993, Economics of the Environment: Selected Readings, 3rd Edition. New York: Norton.

課程教材網址 (教師個人網址請列在本校內之網址)
Teaching Aids & Teacher's Website (Personal website can be listed here.)

<http://faculty.ndhu.edu.tw/~hclin/env-grad.html>

其他補充說明 (Supplemental instructions)