



課 綱 Course Outline
經濟學系學士班

中文課程名稱 Course Name in Chinese	環境經濟學				
英文課程名稱 Course Name in English	Environmental Economics				
科目代碼 Course Code	EC_40200	班 別 Degree	學士班 Bachelor' s		
修別 Type	學程 Program	學分數 Credit(s)	3.0	時 數 Hour(s)	3.0
先修課程 Prerequisite	經濟學原理-個體篇。				
課程目標 Course Objectives					
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					
課程大綱 Course Outline					
<p>1、Introduction: the Economics Perspective on the Environment</p> <p>(1) What is Environmental Economics</p> <p>(2) The Economy and the Environment</p> <p>2、Basic Analytical Concepts and Tools</p> <p>(1) Benefits and Costs, Supply and Demand</p> <p>(2) Economic Efficiency and Markets</p> <p>(3) The Economics of Environmental Quality</p> <p>3、Environmental Analysis</p> <p>(1) Frameworks of analysis</p> <p>(2) Benefits</p> <p>(3) Costs</p> <p>4、Policy Analysis</p> <p>(1) Criteria for Evaluating Environmental Policies</p> <p>(2) Decentralized Policies: Liability Laws, Property Rights, Moral Suasion</p> <p>(3) Command-and-Control Strategies: The Case of Standards</p> <p>(4) Incentive Based Strategies: Emission Taxes and Subsidies</p> <p>(5) Incentive Based Strategies: Transferable Discharge Permits</p> <p>5、Environmental Policies: Case Studies</p> <p>(1) Water Pollution Control Policy in the US</p> <p>6、International Environmental Issues</p> <p>(1) The Global Environment</p> <p>(2) International Environmental Agreements</p>					
資源需求評估 (師資專長之聘任、儀器設備的配合 . . . 等) Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)					

課程要求和教學方式之建議
Course Requirements and Suggested Teaching Methods

本課程以講授方式進行，輔以課堂討論。

其他
Miscellaneous