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②國玄東華大學

課 網 Course Outline 經濟學系碩士班國際金融暨貿易組

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						
1	目代碼 rse Code	IIE_56100	班 別 Degree		碩士班 Master's			
修別 Type		選修 Elective	學分數 Credit(s)	3. 0	時 數 Hour(s)	3. 0		
先修課程 Prerequisite		none						
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。								
系教育目標 Dept.'s Education Objectives								
培育具學術深造潛力及實務發展能力的優秀經濟人才。 1 Educate postgraduate students with professional knowledge and empirical skills for further academic research.								
					力相關性 Correlat between	課程目標與系專業能 力相關性 Correlation between Course		
Basic Learning Outcomes					Dept.'s	Objectives and Dept.'s Education Objectives		
A	數理分析能力:通曉經濟學的理論技巧,應用數學與賽局解決經濟議題的能力。 Mathematical analysis skills: Mastering in application of					\circ		
	mathematical theories and game theory in analyzing economic issues.							
В	集、資料統計與計 Empirical analys	:通曉經濟學的實證技巧 量分析。 sis skills: Mastering econometrics in data c	in application	on of				
С	微觀經濟之闡釋能 Microeconomic pe	力:通曉個體經濟學相屬 erspective: Thorough u meories and relevant a	間的理論與應用 nderstanding	•		0		

	宏觀經濟之闡釋能力:通曉總體經濟學相關的理論與應用。					
D	Macroeconomic perspective: Thorough understanding of	\bigcirc				
	macroeconomic theories and relevant application					
	樂活能力:具備適應現代社會的學養以及就業能力。					
E	Employment opportunities: Capabilities of working on important	\circ				
	policy and decision challenges in business and government					
	溝通表達能力:思路清晰,有能力與人溝通並撰寫專業研究報告。					
F	Communication skills: Having a clear mind and capability in					
	writing a professional academic report					
圖示說明Illustration : ● 高度相關 Highly correlated ○中度相關 Moderately correlated						
課程大綱						
Course Outline						
1. What is nature and what are our obligations towards it?						
2 · Evidence and Theory						
3 · The Basic Concepts and Tools						
4 \	Policy Options, Efficiency Concepts					
5、	Uncertainty and Information Revelation					
6 · Pollution Standards						
7 · Monitoring and Enforcement						
8 · Pollution Taxes						
9 · Liability Law and Bargaining						
10 · Asymmetric Information						
11 · Cost-Benefit Analysis						
12 · International Trade and Pollution Havens						
13 · Global Warming						
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						