



課 綱 Course Outline
經濟學系碩士班

中文課程名稱 Course Name in Chinese	區域經濟學(一)				
英文課程名稱 Course Name in English	Regional Economics (I)				
科目代碼 Course Code	IIE_59000	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					
課程目標 Course Objectives					
為本系教學與研究特色之一，地方產業、亞太經濟與亞太營運、區域經濟整合、區域經濟同盟與對外貿易投資等均為區域經濟學範疇。學生可藉此學門了解 "空間" 在經濟學中扮演的角色，並可將所學應用至環境經濟、健康經濟學等各個學門。最重要的是培養學生尋找問題、設計模型、解答問題、以及撰寫學術論文的研究能力					
系教育目標 Dept.'s Education Objectives					
1	培育具學術深造潛力及實務發展能力的優秀經濟人才。 Educate postgraduate students with professional knowledge and empirical skills for further academic research.				
系專業能力 Basic Learning Outcomes				課程目標與系專業能力相關性 Correlation between Course Objectives and Dept.'s Education Objectives	
A	數理分析能力：通曉經濟學的理论技巧，應用數學與賽局解決經濟議題的能力。 Mathematical analysis skills: Mastering in application of mathematical theories and game theory in analyzing economic issues.			○	
B	實證經濟分析能力：通曉經濟學的實證技巧，善用資訊科技進行資訊蒐集、資料統計與計量分析。 Empirical analysis skills: Mastering in application of statistics and econometrics in data collection and examination				
C	微觀經濟之闡釋能力：通曉個體經濟學相關的理论與應用。 Microeconomic perspective: Thorough understanding of microeconomic theories and relevant application			○	

D	宏觀經濟之闡釋能力：通曉總體經濟學相關的理論與應用 Macroeconomic perspective: Thorough understanding of macroeconomic theories and relevant application	○
E	樂活能力：具備適應現代社會的學養以及就業能力。 Employment opportunities: Capabilities of working on important policy and decision challenges in business and government	
F	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 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、Introduction to Regional Economics
- 2、The Least Cost Theory of Location
- 3、The Maximum Profit Theory of Location
- 4、Market Area Theory of Location
 - (1) Bertrand Competition
 - (2) Cournot Competition
 - (3) Circular Market
- 5、Spatial Demand
- 6、Spatial Pricing and Welfare
 - (1) Monopoly
 - (2) Duopoly
- 7、Hotelling Model and Its Applications
- 8、Weberian Model and Its Applicatio

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