



課 綱 Course Outline  
經濟學系碩士班

中文課程名稱 Course Name in Chinese	個體經濟分析（一）				
英文課程名稱 Course Name in English	Microeconomic Analysis (I)				
科目代碼 Course Code	IIE_54700	班 別 Degree	碩士班 Master' s		
修別 Type	必修 Required	學分數 Credit(s)	3.0	時 數 Hour(s)	3.0
先修課程 Prerequisite	non				
課程目標 Course Objectives					
為本所核心課題之一，本所學生必修具有總體與個體經濟理論訓練，才能根據經濟理論作實證分析，及各種經濟預測等。					
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论與應用 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

Theory of the Consumer  
 1、Choice Making  
 2、Demand Derivation  
 3、Exchange & Trade  
 4、Risky Assets & Uncertainty  
 Theory of the Firm  
 5、Technology  
 6、Cost and Profit  
 7、Firm Supply  
 8、Perfect Competition  
 9、Monopoly & Imperfect Competition  
 10、Factor Market  
 11、Decision Making  
 12、Externalities  
 13、Public Goods

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

其他  
 Miscellaneous