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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	計量經濟分析(三)					
英文課程名稱 Course Name in English	Econometric Analysis (III)					
科目代碼 Course Code	I IE_57800	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	計量經濟分析(一					
细印口描						

課程目標 Course Objectives

課程設計除介紹計量經濟學理論與觀念外,並強調與經濟理論之結合應用 以及各項統計軟體之實務操作,俾使修課同學具備從事實證分析研究之能 力與經驗,以作為未來從事學術研究及就業之基

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。

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 mathematical theories and game theory in analyzing economic issues.	
В	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	•
С	微觀經濟之闡釋能力:通曉個體經濟學相關的理論與應用。 Microeconomic perspective: Thorough understanding of microeconomic theories and relevant application	

	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					
	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 \	Panel Data Analysis					
2 \	2 · Random Coefficient Model					
3 · Discrete Choice Model						
4 \	Limited Dependent Variables					
5、	Applied Nonparametric Methods					
6.	6 · Latent Variable Analysis					
	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						