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②國玄東華大學

課 網 Course Outline

經濟學系碩士班國際組						
中文課程名稱 Course Name in Chinese	計量經濟分析(二)					
英文課程名稱 Course Name in English	Econometric Analysis (II)					
科目代碼 Course Code	ECM7800	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						
	Cours	課程目標 se Objectives				
must acquire some l	is (II) is a required pasic trainings in ecoon economic theory. The	nometrics to	conduct empir	ical analysi		
		系教育目標 ucation Objec	tives			
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 Out	ccomes		力相關性 Correlat between Objectiv	ion Course es and	
數理分析能力: 3	通曉經濟學的進階理論技	巧,應用數學與	里賽局解決經濟	Dept. s Objectiv	Education res	

Basic Learning Outcomes Basic Learning Outcomes Basic Learning Outcomes Basic Learning Outcomes Dept.'s Education Objectives War Dept.'s Education Objectives Was Basic Learning Outcomes Basic Learning Outcomes Basic Learning Outcomes Objectives Was Basic Learning Outcomes Basic Learning Outcomes Basic Learning Outcomes Objectives and Dept.'s Education Objectives Basic Learning Outcomes Objectives Basic Learning Outcomes Objectives and Dept.'s Education Objectives Basic Learning Outcomes Objectives and Dept.'s Education Objectives Basic Learning Outcomes Objectives and Dept.'s Education Objectives Basic Learning Outcomes Objectives Basic Learning Outcomes Objectives Basic Learning Outcomes Objectives Objectives Objectives Objectives Objectives Objectives Diagrams Basic Learning Outcomes Objectives O

	Miscellaneous				
其他 Wigned Language					
課程要求和教學方式之建議 Course Requirements and Suggested Teaching Methods					
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.)					
l	Monte Carlo Methods and Bootstrapping Quantile Regression				
6. Panel Data 7. Computation-Intensive Methods					
4. Autocorrelation 5. Generalized Method of Moments Estimation					
2. Nonspherical Disturbances: Generalized Linear Regression Model 3. Heteroscedasticity					
課程大綱 Course Outline 1. Nonlinear Regression Models					
圖示說明Illustration : ● 高度相關 Highly correlated ○中度相關 Moderately correlated					
F	溝通表達能力:思路清晰,有能力與人溝通並撰寫進階專業研究報告。 Communication skills: Having a clear mind and capability in writing an intermediate professional academic report.				
E	自我調整適應社會之能力: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	0			
D	宏觀經濟之闡釋能力:通曉進階總體經濟學相關的理論與應用。 Macroeconomic perspective: Thorough understanding of intermediate macroeconomic theories and relevant application.				
С	微觀經濟之闡釋能力:通曉進階個體經濟學相關的理論與應用。 Microeconomic perspective: Thorough understanding of intermediate microeconomic theories and relevant application.				