



課 綱 Course Outline

人文社會科學學院亞太區域研究博士班博士班

中文課程名稱 Course Name in Chinese	資料分析				
英文課程名稱 Course Name in English	Data Analysis				
科目代碼 Course Code	APRSD1800	班 別 Degree	博士班 Ph. D.		
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					
This course covers the fundamentals of the survey research used across the social sciences. Students in this class will learn the basics of questionnaire design, data collection methods, reliability, validity, and data analysis and interpretation.					
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	具有亞太區域研究與掌握專業趨勢發展的能力 Ability to research and master the development of professional trends in the Asia-Pacific region				
B	具有跨國政治經濟與社會文化學術研究的能力 Capable of transnational political, economic, social and cultural academic research				
C	具備運用理論方法、綜合分析、邏輯推理與論文撰寫能力 Ability to use theoretical methods, comprehensive analysis, logical reasoning and thesis writing				
D	具有國際社會多元價值議題、亞太區域議題整合的能力 Ability to integrate multiple values in the international community and integrate issues in the Asia-Pacific region				
E	具有區域駐點與獨立進行以亞太區域為主體之研究教學能力 Ability to have a regional presence and independently conduct research and teaching mainly in the Asia-Pacific region				
圖示說明 Illustration : ● 高度相關 Highly correlated ○ 中度相關 Moderately correlated					
課程大綱 Course Outline					

This course is designed to (1) introduce students a number of survey methods that are used to collect and analyze survey data; (2) help students generate a research question and design an appropriate survey questionnaire to answer this question; (3) introduce students some fundamental statistical techniques used to analyze survey data; (4) help students generate a scholarly paper to communicate survey research findings. In this course, students will (1) generate a research question and design instruments/questionnaires to answer this question; (2) use SPSS to analyze and interpret survey data; (3) communicate survey results and findings through academic reports and oral presentations.

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.)

This course will be taught in a computer classroom with the SPSS statistical software.

課程要求和教學方式之建議
Course Requirements and Suggested Teaching Methods

In this course, students are expected to have basic knowledge of research methods and basic statistical knowledge. We will use empirical studies as examples to demonstrate how to conduct a survey study and how questionnaires are developed. The instructor will use SPSS to demonstrate how to analyze survey research data.

其他
Miscellaneous