

重新查詢

友善列印

### 0982學期 課程基本資料

系所 / 年級	健管系碩士(健管) 1年級	課號 / 班別	33M00077 / B
學分數	3學分	選 / 必修	選修
科目中文名稱	公共衛生調查應用統計	科目英文名稱	Applied Statistics in Public Health Survey
主要授課老師	劉俊昌	開課期間	一學年之下學期
人數上限	30 人	已選人數	10人

#### 起始週 / 結束週 / 上課地點 / 上課時間

第1週 / 第18週 / A205 / 星期4第05節  
 第1週 / 第18週 / A205 / 星期4第06節  
 第1週 / 第18週 / A205 / 星期4第07節

請各位同學遵守智慧財產權觀念；請勿非法影印。

#### 教學綱要

Applied Statistics in Public Health Survey – general description The course is designed to provide the learner a basic understanding of how to use proper statistical procedures to analyze and to present the survey research results. After the completion of the course, the student should be able to develop a questionnaire for collecting health related information from public, to apply statistical packages and use appropriate statistical methods for data analysis, to interpret the results of the analysis, and to write a scientific research report.

##### 一、教學目標(Objective)

##### 二、先修科目(Pre Course)

##### 三、教材內容(Outline)

本課程將以英文教材為主 上課時考慮國際學生與本國學生互動 重點問題將以中文轉述 課程內容將以如何選擇健康問題或狀況作為主要研究變項 如何依據理論規劃資料分析 如何運用適當的統計分析方法進行分析 如閱讀電腦統計報表 如何解釋分析結果 以及如何呈現分析結果為主 修習本課程將會有助於本地生的國際觀發展 The course is specifically designed for the health science related students to have a basic understanding of how to develop a survey research tool (e.g. questionnaire), how to collect data, how to analyze data by using statistical packages and how to write a research report. please refer to: <http://dns2.asia.edu.tw/~jclth> for more detailed information.

##### 四、教學方式(Teaching Method)

After the completion of the course, the student should be able to: 1. develop a questionnaire for collecting health related information from public. 2. apply statistical packages and use appropriate statistical methods for data analysis. 3. interpret the results of the analysis. 3. write a scientific research report.

##### 五、參考書目(Reference)

2010/2/23	1.course introduction	劉俊昌
2010/3/2	2.A basic understanding of the functions of the statistical packages SPSS/AMOS.	劉俊昌
2010/3/9	3.How to collect health related information from people	劉俊昌

	2010/3/16	4.How to ask people about their health knowledge.	劉俊昌
	2010/3/23	5.How to ask people about their health attitudes.	劉俊昌
	2010/3/30	6.How to ask people about health behavior and related socio-demographic information.	劉俊昌
	2010/4/6	7.How to prepare the data collected by a questionnaire for computer analysis.	劉俊昌
	2010/4/13	8.How to describe the socio-demographic and health related behavior of a sample studied.	劉俊昌
	2010/4/20	9.How to describe the knowledge and attitudes of a group of people.	劉俊昌
六、教學進度(Syllabi)	2010/4/27	10.How to determine the reliability of your research tool.	劉俊昌
	2010/5/4	11.How to infer a population's knowledge, attitudes and behavior from a group of people sampled.	劉俊昌
	2010/5/11	12.How to compare knowledge and attitudes and behavior between/among different socio-demographic groups.	劉俊昌
	2010/5/18	13.How to evaluate people's knowledge and attitudes changes before and after an intervention of a health promotion and health education program.	劉俊昌
	2010/5/25	14.How to correlate people's knowledge, attitudes and behavior.	劉俊昌
	2010/6/1	15.How to predict people's behavior from their knowledge, attitudes and related socio-demographic factors. (linear regression models).	劉俊昌
	2010/6/8	16.How to predict people's behavior from their knowledge, attitudes and socio-environmental factors. (logistic regression models).	劉俊昌
	2010/6/15	17.How to present your data .	劉俊昌
	2010/6/22	18.How to write a research report/thesis.	劉俊昌
七、評量方式(Evaluation)	mid term exam 30% Final exam 30% Daily observation 40%(course attending, home works completion,et al.)		

八、講義位址([http://](http://http://dns2.asia.edu.tw/~jclth/952appstat.htm))

九、教育目標

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