

109-1 課程資訊

課程代號	31159	開課班級	公衛所
課程名稱 (中)	進階資料分析與應用		
課程名稱 (英)	Advanced data analysis and application		
教師姓名	胡曉雲		
合班課號		合班班級	
上課地點	R105	上課時間	單週二 08:00 AM – 09:50 AM
學分數	1	授課方式	中文
課程類別			
教學目標	<p>(1) Introduce students to the main features of SAS programming</p> <p>(2) Learn to use SAS on the Personal Computer</p> <p>(3) Use the various SAS windows and commands more effectively</p> <p>(4) To introduce the SAS MACRO language and recognize its utility in producing more efficient programs.</p> <p>(5) To achieve adequate preparation for programming in future Epidemiology methods courses.</p>		
課程綱要	The work consists of: (1) homework; (2) student participation; and (3) final project.		
考評方式	<p>Homework: 20% of final grade</p> <p>Student participation: 40% of final grade</p> <p>Final project: 40% of final grade</p>		
課程用書/ 參考資料	<p>Lora D. Delwiche and Susan J. Slaughter (2019).The Little SAS Book: A Primer, Sixth Edition.</p> <p>Ron Cody (2018). Learning SAS by Example: A Programmer's Guide, Second Edition</p> <p>Ronald P. Cody and Jeffrey K. Smith (2005). Applied Statistics and the SAS Programming Language</p> <p>Cody, Ronald P., and Raymond Pass (1995). SAS Programming by Example, Cary, NC: SAS Institute Inc.</p>		
相關學習網址	http://www.ats.ucla.edu/stat/sas/		

109-1 授課進度

週次	上課日期	講題	時數	任課教師
1	09/15	Introduction and Course Overview	2	胡曉雲
2	09/22			
3	09/29	NHI claim data	2	胡曉雲
4	10/06			
5	10/13	SAS-macro	2	胡曉雲
6	10/20			
7	10/27	SAS-CCI and NHI claim data-drug	2	胡曉雲
8	11/03			
9	11/10	Student report- Introduction and flow chart	2	胡曉雲
10	11/17			
11	11/24	Student report- Methods	2	胡曉雲
12	12/01			
13	12/08	Student report- Methods	2	胡曉雲
14	12/15			
15	12/22	Student report- Results	2	胡曉雲
16	12/29			
17	01/05	Student report- (Home)	2	胡曉雲
18	01/12			