

103 學年第 1 學期 化學家必備技能 Transferable Skills for Chemists 課程綱
要

課程名稱：（中文）化學家必備技能		開課單位	應化碩				
（英文）Transferable Skills for Chemists		永久課號	IAC5669				
授課教師：帕偉鄂本							
學分數	1	必/選修	選修	開課年級	*		
先修科目或先備能力：							
Graduate students enrolled in DAC, IMS, SPIMS, and TIGP programs can attend this course. While this course is suitable for all chemistry students, priority will be given to 1st year graduate students.							
課程概述與目標：							
The course is directed to all graduate students in chemistry-related areas of science and engineering.							
教科書（請註明書名、作者、出版社、出版年等資訊）	Handouts will be provided for selected topics.						
課程大綱			分配時數				備註
單元主題	內容綱要	講授	示範	習作	其他		
Introduction							
Composing research summaries							
How to make good use of scientific literature?							
Preparing and delivering oral presentations							
Writing scientific papers							
* Assignment 1							
Design and organization of chemical laboratory							
Intra-laboratory communication							
Effective time management							
When and how to use statistics?							
How to disseminate the research outcomes?							
* Assignment 2							
Collaborations with academia and industry							

Protecting intellectual property						
Applying for research funding						
Applying for a job						
Attending job interview						
* Assignment 3						
教學要點概述：						
1.學期作業、考試、評量 * Final mark will be based on the evaluation of three assignments (3 x 25%), and attendance in the class (25%). Additional points (up to 15%) can be gained for active participation in the class.						
2.教學方法及教學相關配合事項(如助教、網站或圖書及資料庫等) Handouts will be provided for selected topics.						
師生晤談	排定時間		地點		連絡方式	
	Friday, 2:00 - 3:00 PM		SB2, room 403 or 408		31786	
每週進度表						
週次	上課日期	課程進度、內容、主題				

※ 請同學遵守智慧財產權觀念及勿使用不法影印教科書。

備註：

1. 其他欄包含參訪、專題演講等活動。
2. 請同學遵守智慧財產權觀念及勿使用不法影印教科書。

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