

長庚大學生物醫學系臨床試驗與評估碩士班必選修科目表 (一〇八學年度入學適用)
Chang Gung University, Master Degree in Clinical Trials and Assessment
Curriculum for MS Program (2019~2020)

必選修 Required/ Elective	科目名稱 Course Title	學分 Credit	開課 年級 year	上學期 Fall	下學期 Spring	備註 Note
先修 Prerequisite Courses	統計相關課程 Statistics Related Courses	4				不列入畢業學分
	臨床試驗概論相關課程 Clinical Trials Related Courses	2				不列入畢業學分
必修 Required Courses	臨床試驗實務 (Practice of Clinical Trials)	2	1	2		
	醫療科技評估實務 (Practice of the Health Technology Assessment)	2	1	2		
	專題討論 (1) (Seminars I)	1	1	1		
	醫療科技評估方法學 (1) (Methods for Health Technology Assessment (1))	3	1		3	與臨床醫學研究所合開
	專題討論 (2) (Seminars II)	1	1		1	
	臨床試驗企業實習(1) (Clinical Trial Internship For The Industry I)	2	2	2		暑期開課 Summer school
	碩士論文 (Master Thesis)	6				
選修 Elective Courses	生技法規及 cGMP 優良製造規範 (Biotechnology Regulations and cGMP Guidelines)	1	1	1		與生物科技產業碩士學位學程 合開
	臨床試驗專題研究 (1) (Independent study in clinical trial I)	1	1	1		
	臨床試驗資料統計分析 (Statistical Analysis of Clinical Trial Data)	3	1	3		與臨床醫學研究所合開
	臨床試驗設計理論 (Theory of Clinical Trial Design)	3	1		3	
	臨床試驗專題研究 (2) (Independent study in clinical trial II)	1	1		1	
	統合分析 (Meta-Analysis)	2	1		2	
	流行病學 (Applied Epidemiology)	2	1		2	

臨床試驗諮詢藝術與技巧 (Consulting Arts and Skills in Clinical Trials)	2	1		2	
臨床資訊實務 (Clinical Informatics : A Practical Approach)	2	1		2	與臨床醫學研究所合開
健康資料庫實務應用 (Practical Methods for Secondary Data Analysis)	3	1		3	與臨床醫學研究所合開
進階臨床試驗 (Advanced Clinical Trials)	3	2	3		與臨床醫學研究所合開
醫療科技評估方法學 (2) (Methods for Health Technology Assessment II)	2	2	2		與臨床醫學研究所合開
資料處理與實務 (Data Processing and Practice)	2	2	2		

Note :

1、本碩士班畢業學分數需達 32 學分，含必修 11 學分，選修 15 學分，及碩士論文 6 學分。

Graduation credits total: 32 Credits ; Required Courses : 11Credits, Elective Courses:15 Credits, with Master thesis 6 Credits 。

2、須先修畢統計相關課程 4 學分(含)以上及臨床試驗概論相關課程 2 學分(含)以上，若未修習關相課程，須於入學後補修足學分數，使得畢業。

Students must take 4 or more credits (inclusive) of statistics related courses and 2 or more credits (inclusive) of clinical trials related courses. If they have not taken the related courses, they must take enough credits after enrollment in order to graduate.