

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（一〇九學年度入學適用）

Chang Gung University, Master Degree in Clinical Trials and Assessment
Curriculum for MS Program (2020~2021)

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
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		
	臨床試驗與醫療科技評估概論 (The Concept of Clinical Trials and Health Technology Assessment)	2	1	2		
	專題討論 (1) (Seminars(I))	1	1	1		
	臨床試驗理論 The Theory of Clinical Trials	2	1		2	
	醫療科技評估方法學 (1) (Methods for Health Technology Assessment (I))	2	1		2	
	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)	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
實證醫學 (Evidence-based Medicine)	1	2	1		
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 (2))	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		
臨床試驗企業實習(2) (Clinical Trial Internship For The IndustryII)	2	2	2		

Note :

- 1、本碩士班畢業學分數需達 32 學分，含必修 14 學分，選修 12 學分，及碩士論文 6 學分。
Graduation credits total: 32 Credits ; Required Courses : 14 Credits, Elective Courses:12 Credits, with Master thesis 6 Credits 。
- 2、須達英文畢業門檻方可畢業：(1)多益測驗 (TOEIC) 800 分 (含) 以上, (2)托福網路測驗(TOEFL iBT) 93 分 (含) 以上, 雅思(IELTS) 6.5 分 (含) 以上。
Must reach the English threshold to graduate: (1) TOEIC test (TOEIC) 800 points or more. (2) TOEFL iBT score of 93 or more. (3) IELTS score above 6.5.
- 3、須先修畢統計相關課程 4 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. If they have not taken the related courses, they must take enough credits after enrollment in order to graduate.