

長庚大學 智慧醫療創新碩士學位學程 必修科目表 (109 學年度入學學生適用)  
 Course List for Master of Science Degree Program in Innovation for Smart Medicine, Chang Gung University  
 (for students admitted in Fall 2020)  
 Enacted on May. 14, 2020

模組 (module)	必修 (R/E)	科目名稱 (Course Name)	學分 (Credit)	開課年級 (Year)	上學期 (1st)	下學期 (2nd)	說明(Remarks)
必修 (Required)	必 (R)	智慧醫療創新 Innovation in Smart Health Care	3	1	3		本學程開設課程 (offered by this program)
	必 (R)	智慧醫療專題(1) (Special Topics on Smart Health Care (I))	2	1		2	本學程開設課程 (offered by this program)
創新設計模組 (Innovative design)	選 (E)	福祉設計專論 (Disadvantaged Minority People Study)	3	1		3	offered by Industrial Design
	選 (E)	三創(創新、創意、創業)課程(1) Innovation, creativity and entrepreneurship courses (1)	2	1	2		offered by Master Program of Biotechnology Industry
	選 (E)	三創(創新、創意、創業)課程(2) Innovation, creativity and entrepreneurship courses (2)	2	1		2	offered by Master Program of Biotechnology Industry
	選 (E)	創新產品設計與開發 (Innovative Product Design and Development)	3	1	3		offered by Industrial Design
	選 (E)	活動設計與輔助科技產品 (Activity Analysis and Applications of Assistive Technology)	2	1		2	offered by Master Program of Health Care Industry
選 (E)	嵌入式軟體設計 (Embedded Software Design)	3	1	3		offered by Computer Science and Information Engineering	
創業管理模組 (Innovative management)	選 (E)	生技健康產業經營策略 (Business strategy for the biotech and health industries)	2	2	2		offered by Master Program of Health Care Industry
	選 (E)	醫療政策與政治 (Health Policy and Politics)	2	1	2		offered by Health Care Management
	選 (E)	巨量資料分析與產業實務 Big Data Analysis and Practices in Industries	2	1	2		offered by EMBA Program in Information Management
	選 (E)	專業倫理 Professional Ethics	2	1	2		offered by Master Program of Information Management
	選 (E)	生技健康產業財務管理 (Financial Management of Biotech and Health Industry)	2	1		2	offered by Master Program of Health Care Industry
生醫健康模組 (Biomedicine and health)	選 (E)	實證健康照護 (Evidence-Based Health Care)	2	1		2	offered by Master Program of Health Care Industry
	選 (E)	老年周全性照護 (Comprehensive Geriatric Care)	2	2	2		offered by Master Program of Health Care Industry
	選 (E)	長期照護管理專題 Special Topics in Long-term Care Management	2	1		2	offered by Master Program of Health Care Management
	選 (E)	醫學資訊 Medical Informatics	3	1	3		offered by Master Program of Information Management

	選 (E)	健康照護產業資訊管理 Information management in health care industry	2	1	2		offered by Master Program of Health Care Industry
智慧運算模組 (Intelligent Computing)	選 (E)	智慧醫療專題(II) (Special Topics on Smart Health Care (II))	2	2	2		本學程開設課程 (offered by this program)
	選 (E)	深度學習概論 (Introduction to Deep Learning)	2	1		2	本學程開設課程 (offered by this program)
	選 (E)	智慧醫療 Smart Healthcare	2	2	2		offered by EMBA Program in Information Management
	選 (E)	深度學習應用專題 (Application Project for Deep Learning)	2	2	2		本學程開設課程 (offered by this program)
備註 (Remarks)	<p>1. 畢業學分：30學分(含畢業論文/技術報告6學分) Graduation credits: 30 credits, including 6 credits from thesis work or from writing a technical report (1)必修：5學分 Credits from required courses: 5 credits (2)選修：19學分；必須選修至少三個模組，且每個模組至少選修2學分；可跨年級選課 Credits from elective courses: 19 credits from at least three elective modules, at least 2 credits from each of the chosen elective modules (3)論文/技術報告：6學分，於通過論文口試後授予 Six thesis/technical report credits are awarded upon completion of oral defense</p> <p>2. 須達英文畢業門檻方可畢業：詳見入學年度之修業規則。 Students are required to pass the English certification standard to obtain graduation qualifications.</p> <p>3. 其他：其他未列入必選修科目表本校研究所課程最多承認10學分，除非事前經學程負責人書面同意 At most 10 graduate-level credits taken from other CGU departments/programs not listed here can be considered towards graduation credits, unless with written approval from the program director.</p>						