

長庚大學 工業設計碩士班必修科目表 (104學年度入學學生適用)
 Course List for Master of Art (MA) Degree Program in Industrial Design, Chang Gung University (for student admission in 2015 academic year)

領域/組別 Field/Section	必修 Required/Elective	科目名稱 Course Name	授課時數 Class Hour	開課年級 Year	學分(上學期) Credit(1st semester)	學分(下學期) Credit(2nd semester)	備註 Remark
共同 Common	必 Required	論文導讀(1)(2) Special Topics in Thesis I/II	2(上學期)/2(上學期) 2(1st semester)/2(2nd semester)	1	1	1	1學分上課2小時 1 Credit, 2 Hour
共同 Common	必 Required	進階工業設計 Advanced Industrial Design	3	1	2		2學分上課3小時 2 Credit, 3 Hour
共同 Common	必 Required	研究方法 Research Methods	2	1	1		1學分上課2小時 1 Credit, 2 Hour
共同 Common	必 Required	高等工業設計 Advance Industrial Design	3	1		2	2學分上課3小時 2 Credit, 3 Hour
共同 Common	必 Required	設計研究 Design Studies	2	1		1	1學分上課2小時 1 Credit, 2 Hour
共同 Common	必 Required	設計實務 Design Practice	0	1	0		
共同 Common	必 Required	論文/專案 Thesis/Program	6	2		6	
設計實務組(設計研究組選修) Design Practice(Elective Course of Design Study)	必 Required	創新產品設計與開發 Innovative Product Design and Development	6	2	3		3學分上課6小時 3 Credit, 6 Hour
設計研究組(設計實務組選修) Design Course(Elective Practice of Design Study)	必 Required	論文專論(1)(2) Special Topics in Thesis I/II	2(上學期)/2(上學期) 2(1st semester)/2(2nd semester)	2	1	1	1學分上課2小時 1 Credit, 2 Hour
管院共構 College Required Course	必 Required	管理個案研討 Business Case Study	2	2	2		
共同 Common	選 Elective	創意思考與方法 Creative Thinking and Method	3	1	3		
共同 Common	選 Elective	當代設計思潮 Contemporary Design Ideas	3	1	3		
共同 Common	選 Elective	國際設計交流 International Design Attachment Program	8	1	8		
共同 Common	選 Elective	智慧生活健康促進 Smart Life for Health Promotion	3	1	3		
共同 Common	選 Elective	產品創新設計策略與計劃 Project and Strategy in Production Innovation Design	3	1		3	
設計研究組 Design Research	選 Elective	福祉社群研究 Disadvantaged Minority People Study	3	1	3		
設計研究組 Design Research	選 Elective	使用性工程 Usability Engineering	3	1	3		
設計研究組 Design Research	選 Elective	愉悅設計研究 Pleasurable Design Study	3	1	3		
設計研究組 Design Research	選 Elective	設計的文化形式研究 The Study of Cultural Form of Design	3	1		3	
設計研究組 Design Research	選 Elective	快速產品設計與開發研究 Rapid Product Design and Development	3	1		3	
設計研究組 Design Research	選 Elective	感性意象研究 Sensational Product	3	1		3	
設計研究組 Design Research	選 Elective	視覺化設計思考研究 Visual Design Thinking Research	3	1		3	
設計研究組 Design Research	選 Elective	設計專論 Specific Design Theory	3	1		3	
設計研究組 Design Research	選 Elective	福祉設計專論 Disadvantaged Minority People Study	3	1		3	
設計研究組 Design Research	選 Elective	統計應用 Statistical Applications	3	1		3	
設計研究組 Design Research	選 Elective	使用者調查與溝通 User Survey and Communication	3	1		3	
設計實務組 Design practice	選 Elective	全方位設計 Universal Design	3	1	3		

設計實務組 Design practice	選 Elective	電腦系統人機介面 Human-Computer System Interface	3	1	3		
設計實務組 Design practice	選 Elective	遠距設計 Remote Design	3	1	3		
設計實務組 Design practice	選 Elective	跨領域高齡產品創新設計 Innovative Product Design for Seniors - A Cross-disciplinary	3	1	3		
設計實務組 Design practice	選 Elective	互動設計 Interaction Design	3	1		3	
設計實務組 Design practice	選 Elective	智齡生活創新服務設計 Innovative Living Service Design for Seniors	3	1		3	
設計實務組 Design practice	選 Elective	創新設計管理與實務 Innovation Design Management and Practice	3	2	3		

備註 Remark	註 Remark :						
	*設計實務組畢業總學分：共31學分(含管院共構2學分，必修課17學分，設計實務組選修課12學分)，得跨年級選課。 The Total Graduation Credit of Design Practice: 31 credits (includes College Required Course 2 credits, Required Courses 17 credits, Elective Courses of Design Practice 12 credits). Students can select courses across grades .						
	*設計研究組畢業總學分：共30學分(含管院共構2學分，必修課16學分，設計研究組選修課12學分)，得跨年級選課。 The Total Graduation Credit of Design Study : 30 credits (includes College Required Course 2 credits, Required Courses 16 credits, Elective Courses of Design Study 12 credits). Students can select courses across grades.						
	*研究生可由設計研究組或設計實務組兩種型式中選擇一種合適自己生涯規劃之路徑畢業。 MA students can choose one of the suitable types from "Design Study" or "Design Practice" for career planning to graduate.						
	*國際設計交流課程：一年級選修，可抵一上進階工業設計，論文導讀(一)，研究方法，自由選修3學分。二年級選修，可抵二上論文專論(一)，自由選修3學分。 The courses of International Design Program: The elective courses of 1st grade can waive "Advanced Industrial Design", "Special Topics in Thesis I", "Research Methods" in the 1st semester. It can freely select 3 elective credits. The elective courses of 2nd grade can waive "Special Topics in Thesis II" in the 3rd semester. It can freely select 3 elective credits.						
	*若選修外所課程，需經系上課委會審核通過，始可列入畢業學分。 If students want to select courses in other departments, it needs to be verify by the Curriculum Committee in the Industrial Design Departnet. If the Curriculum Committee approve, it can be included in graduation credits.						
	*設計實務組課程:研究生需參與暑期設計實務組八週課程才能畢業。 The Course of Design Practice: MA student have to participate in the Course of Design practice(8 weeks)in summer vacation to graduated.						
*新生非本科系學生，需下修大學部系上指定之兩門課。 New students who didn't study under Department of Industrial Design in college should take 2 courses in undergraduate assigned by our department.							
*針對外籍生，可跨院系選課且納入畢業學分(上限9學分，須由系認定可跨院系選修之課程)。 For international students, students can select courses cross colleges and departments and also included in the graduation credit. (The maximum limit is 9 credits, the courses need to be verify by the Department of Industrial Design.)							

系主任簽章 The Signature of Department Dean :