

**長庚大學 工商管理學系碩士班 (MS) 必修課程科目表 (112學年度入學適用)**  
**Curriculum of MS Program at the Department of Industrial and Business Management at Chang Gung University**  
**(Applicable to Newly-Admitted Students for the 2023 Academic Year)**

必修 Required/ Elective Courses	科目名稱 Course Title	修業 年級 Year	上學期(學分) Fall Semester (Credits)	下學期(學分) Spring Semester (Credits)	說明 Remarks
必修 Required	應用統計 Applied Statistics	1	3		
	最佳化與模擬 Optimization and Simulation	1	3		英文授課 Taught in English
	財務管理 Financial Management	1	3		英文授課 Taught in English
	商業溝通與表達 Business Communication and Presentation	1	2		
	書報討論(1) Seminar I	1	1		
	書報討論(2) Seminar II	1		1	
	台塑管理實務研討 Seminar on FPG Management Practice	1		2	
	企業倫理 Business Ethics	1		2	
	生產與作業管理 Production and Operations Management	1		3	英文授課 Taught in English
選修 Elective	專案管理 Project Management	1	3		英文授課 Taught in English
	精實供應鏈管理 Lean Supply Chain Management	1		3	英文授課 Taught in English
	品質管理與方法 Quality Management and Methods	1		3	英文授課 Taught in English
	供應鏈品質與風險管理 Supply Chain Quality and Risk Management	2	3		
	金融創新 Financial Innovations	1	3		
	機器人理財 Robo Advisor	1	3		
	金融科技與投資 Financial Technology and Investments	1		3	
	財務計量 Financial Econometrics	1		3	
	實質選擇權與資產鑑價 Real Option and Evaluation	1		3	
	產業分析 Industrial Development and Business Analysis	1		3	
	企業財務數據分析 Financial Data Analysis in Contemporary Business	2	3		
	商業智慧分析 Business Intelligence and Analytics	1	3		
	決策科學與應用 Decision Science and Applications	1		3	與管研所博碩合開 Co-opened with the Graduate Institute of Business Management
	人工智慧分類專題 Classification Topics in Artificial Intelligence	1		3	與管研所博碩合開 Co-opened with the Graduate Institute of Business Management
	商業資料科學實務與應用 Data Science, Analytics, AI for Business and the Real World	2	3		
	企業研究方法 Business Research Methods	1	2		
備註 Additional Notes	<p>1. 畢業學分為38學分。            (1)必修20學分。            (2)選修12學分(限上表所列之選修課程)。            (3)論文 6 學分(通過學位考試並繳交通過審核論文後給予)。            2. 須達英文畢業門檻方可畢業。            3. 外籍生若無英文授課之必(選)修課程：相同科目名稱可至管理學院他所修習；科目名稱不同之課程經系務會議審查通過後始得修習抵免。            4. 本系課程設計包含三領域：供應鏈與運籌管理領域、財務管理與科技金融領域、商業分析與管理領域。</p> <p>1. Completion of 38 credits is required for graduation.            (1) Required courses count for 20 credits.            (2) Elective courses count for 12 credits (limited to the elective courses listed above).            (3) Thesis counts for 6 credits. (Credits will be given after passing the master oral examination and submitting an approved thesis.)            2. Students must meet the English standard requirement in order to graduate.            3. Foreign students who do not have a required (elective) course in English may take the same course title at another school in the College of Management; Courses with different subject names may be taken only after review and approval by the Departmental Council.            4. The department's curriculum is designed to cover three areas: Supply Chain and Operations Management, Financial Management and Technology Finance, and Business Analysis and Management.</p>				