長庚大學 工商管理學系 大學部(BS)必選修科目表 （109學年度入學生適用） List of Courses for the BS program in Department of Business Administration at Chang Gung University (Applicable to Newly-Admitted Students since 2020 Academic Year)

必選修 Required/Elective		科目名稱 Course Title 一1	上 Fall	下 Spring	科目名稱 Course Title 二2	上 Fall	下 Spring	暑 summer	科目名稱 Course Title 三3	上 Fall	下 Spring	暑 summer	科目名稱 Course Title 四4	上 Fall	下 Spring
Management of Artificial Intelligence Application Fundamental 管院AI應用基礎	Required 必修	人工智慧的產業應用 Industrial applications of artificial intelligence	1												
		運算思維 Computational Thinking	1												
	Elective 選修				*Python程式語言[註1] Python programming language [Remarks 1]		2						機器學習概念 Machine learning concept		2
必修課程 Required		微積分(1) Calculus（Ⅰ）	3		統計學(1) Statistics（Ⅰ）	3			人力資源管理 Human Resource Management	3			企業實習[註8] Internship [Remark 8]	5	
		經濟學(1) Economics（Ⅰ）	3		資訊管理 Information Management	3			生產與作業管理 Production and Operations Management	3					
		企業概論 Business Essentials	3		行銷管理 Marketing Management	3			溝通技巧與表達 Communication and Presentation Skills	2					
		會計學(1) Accounting（Ⅰ）		3	民法 Civil Code	3			職場倫理 Workplace Ethics		2				
		管理學 Management		3	會計學(2) Accounting（Ⅱ）	3			策略管理 Strategic Management		3				
		微積分(2) Calculus（Ⅱ）		3	社會關懷實作[註6] Community Services [Remark 6]	0			管理專題研討[註8] Seminar on Business Administration [Remark 8]		2				
		經濟學(2) Economics（Ⅱ）		3	管理科學 Management Science		3								
		社會關懷實作[註6] Community Services [Remark 6]		0	財務管理 Financial Management		3								
					組織行為 Organizational Behavior		3								
					統計學(2) Statistics（Ⅱ）		3								
選修課程（部份課程隔年開授）Elective courses (some courses start every other year) 財務管理領域 Finance management field					保險學 Insurance	3			投資學 Investment Planning and Analysis	3			國際財務管理 International Finance	3	
					中級會計學 Intermediate		3		產業分析 Industrial Analysis	3			財務報表分析# Financial Statement	3	
					商事法 Commercial Law		3		成本會計 Cost Accounting	3					
									貨幣銀行學 Money and Banking		3				
									衍生性金融商品 Derivative		3				
									管理經濟 Managerial Economics		3				
									總體經濟 Macroeconomics		3				
經營管理領域 Organization management field					廣告學 Advertising	3			消費者行為 Consumer Behavior	3			國際企業管理 International Business Management	3	
									網路行銷 Internet Marketing	3					
									服務業管理 Service Management		3				
									招募甄選管理 Recruitment & Selection		2				
									決策分析 Decision Analysis		3				
									行銷研究 Marketing Research		3				
工業管理領域 Industrial management field					R程式語言[註1] R programming language [Remarks 1]		2		作業研究 Operations Research	3			專案管理# Project Management #	3	
					工程經濟 Engineering Economy		3		供應鏈管理 Supply Chain	3			應用統計# Applied Statistics#	3	
									品質管理 Quality Management		3				
									生產計畫與管制 Production Planning and Control		3				
共同選修 Common elective													管理實作[註1] Management Practicum [Remark 1]	4	
													專案改善[註1] Project Improvement [Remark 1]	4	
													專題研究[註1] Independent Study [Remark 1]	4	
暑期課程 Summer course 深耕管理與行銷創新學程 Management Innovation Program Marketing Management and	Required 必修	創新行銷實作 Innovative Marketing Practice					4		組織實習 Internship			5			
		行銷專案改善 Marketing Project Improvement					4								
		深耕專題研究 Seminar on Shen Gung Management					4								
	Elective 選修	深耕企業經營實務 Deeply Business Field Study					2		台塑管理個案研討 The Seminar of the Formosa Way			2			
		全球企業經營實務 Global Business Field Study					3								
		台塑管理導論 The Introduction of the Formosa Way					1								
		基礎越南語 Basic Vietnamese					2								

備註 Remarks

1.畢業學分：137學分。
　(1)必修68學分(含校內實習必修0學分、校外實習必修5學分)。
　(2)管院AI應用必修2學分。
　(3)選修39學分：
　　①系選修至少33學分，四上選修課『管理實作』、『專案改善』、『專題研究』為三選一必修課程，Python程式語言與R程式語言為二選一必修課程。
　　②選修他系課程至多承認6學分(通識課程、體育及全民國防教育軍事訓練選修課程不予列入)。
　(4)通識學分：請詳見通識中心必修規定。
　　①AI領域課程1學分(以管院AI應用必修抵免)。
　　②英文領域、核心、多元課程28學分。
Graduation credits: 137 credits.
　(1) 68 credits for compulsory courses (including 0 credits for on-campus internships and 5 credits for off-campus internships).
　(2) 2 credits are required for AI application in the School of Management.
　(3) 39 credits for elective courses:
　　① At least 33 credits of elective courses for the department. The four elective courses "Management Practice", "Project Improvement", and "Special Research" are three optional compulsory courses, and Python programming language and R programming language are two optional compulsory courses.
　　②At most 6 credits are admitted for elective courses from other departments (general education courses, physical education and military training elective courses for national defense education are not included).
　(4) Liberal Studies Credits: Please refer to the General Studies Center Course Regulations for details.
　　① 1 credit of AI field course (deducted by the compulsory AI application of the School of Management).
　　②28 credits for English field, core and multiple courses.

2.體育大一、大二必修0學分；全民國防教育軍事訓練大一必修0學分。
Physical Education: First- and second-year compulsory (0 credits):Military training: First-year compulsory (0 credits).

3.【深耕學園】必修0學分，請詳見學務處深耕學園專區說明。
[Sprout School] 0 credits of required, Please refer to the Academic Affairs Office for details of the course.

4.本校訂有英文畢業門檻，須達校訂標準方可畢業，請詳見語文中心規定。
This school has an English graduation threshold, which must meet the school standard before graduation. Please refer to the language center regulations for details.

5.本系必修科目不得至外系修讀，惟修課不及格者且有特殊情況（如影響畢業年限）需向系上申請，經同意後得重修至外開設之相關課程。
The compulsory subjects of this department are not allowed to be studied in other departments, but those who fail the courses and have special circumstances (such as affecting the graduation period) need to apply to the department. After approval, they can retake relevant courses offered outside the department.

6.系上課程[擋修]之規定（先修課程必須修讀且及格才能修讀後續課程）：
　–經濟學（1）→ 經濟學（2）
　–會計學（1）→ 會計學（2）→ 成本會計
　–會計學（1）→ 會計學（2）→ 財務管理
　–會計學（1）→ 會計學（2）→ 中級會計
　–統計學（1）→ 統計學（2）
　–微積分（1）→ 微積分（2）
　–組織行為 → 人力資源管理
　–管理專題研討 → 企業實習
　–民法 → 商事法
Department's course [blocking course] requirements (pre-requisite courses must be taken and passed before taking post-requisite courses):
Economics（Ⅰ）→ Economics（Ⅱ）
Accounting（Ⅰ）→ Accounting（Ⅱ）→ Cost Accounting
Accounting（Ⅰ）→ Accounting（Ⅱ）→ Financial Management
Accounting（Ⅰ）→ Accounting（Ⅱ）→ Intermediate Accounting
Statistics（Ⅰ）→ Statistics（Ⅱ）
Calculus（Ⅰ）→ Calculus（Ⅱ）
Organizational Behavior → Human Resource Management
Seminar on Business Administration → Internship
Civil Code → Commercial Law

7.『社會關懷實作』於一下、二上皆有開課，一下為單號班，二上為雙號班。
"Community Services" is available in both the next and second grades. Single-number classes for the second semester of the first grade, and double-number classes for the first semester of the second grade.

8.三下升四上暑假，需至企業實習2個月；實習相關課程共7學分計算（管理專題研討2學分，企業實習5學分）。
In the summer vacation between the third grade to fourth the third grade, students must have an internship for 2 months. The internship-related courses will count 7 credits (2 points for Seminar on Business Administration and 5 credits of Internship).

9.有意申請學士五年一貫學程的同學，可先選修碩士班課程。標示# 為與碩士班合開課程。其他學程可參詢本校教務處。
Students who want to apply for the "Five-Year BS-MS Program" program. You can take the master's course first. Mark # is a joint course for the BS and the MS. For other courses, please visit the Academic Affairs Office of the school.

10.若完成本系【深耕管理與行銷創新學程】之規定學分(15學分)，滿足本系畢業條件並符合校方提早畢業規定者，可申請提前畢業。
If the student completes the required credits (15 credits) of this Department's [Sprout Management and Marketing Innovation Program], Those who meet the graduation requirements of the department and meet the schools early graduation regulations can apply for early graduation.