

國立臺北商業大學【四校日間部】資訊管理系(拔優領航專班)課程科目表(114學年度入學新生適用)
Course List for Bachelor of Information Management (BIM) - 4 Years Program, Special Achievement Class, Department of Information Management, School of Management, National Taipei University of Business
(Applicable to Students Admitted in Fall or Spring, 2025)

科目類別 Category	科目名稱 Course Title		學分數 Credit	時數 Hour	授 課 時 數 Contact Hour																備註 Remarks
					第一學年Yr 1				第二學年Yr 2				第三學年Yr 3				第四學年Yr 4				
					上 Fall	下 Spring	上 Fall	下 Spring	上 Fall	下 Spring	上 Fall	下 Spring	上 Fall	下 Spring	上 Fall	下 Spring					
授課	實習	授課	實習	授課	實習	授課	實習	授課	實習	授課	實習	授課	實習	授課	實習	授課	實習				
Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice				
通識科目 (一般科目) (Compulsory)	基礎必修 (語文思辨) Basic required courses (Language)	國文領域 Chinese	大學國文選 (一)(二) Chinese	4	4	2		2										依年級規定修課，惟學期課程，依通識中心實際排課為準。 Each course must be taken in the designated semester, which is subject to the actual arrangement of the General Education Center.			
			實用中文與寫作 Practical Chinese and Writing	2	2					2											
		英文領域 English	英文(一)(二) English(I)(II)	4	4	2		2													
			英文(三) English(III)	2	2					2											
	核心必修 (公民涵養) Core required courses (Citizenship)	公民意識領域 Citizenship	依通識中心課程公告及實際開課為準 Courses offerings are subject to change due to further approval by the General Education Center.	2	2								2					依年級規定修課，惟學期課程，依通識中心實際排課為準。 Each field/domain must be taken in the designated semester, which is subject to the actual arrangement of the General Education Center. At least two credits are required for each field/domain.			
		永續發展領域 sustainable development	2	2							2										
		生活美學領域 Aesthetics	2	2							2										
	興趣選修 (跨領域選修) Elective courses (Interdisciplinary)	國際視野 Global views	依通識中心課程公告及實際開課為準 Courses offerings are subject to change due to further approval by the General Education Center. Please refer to "Course Schedule" announced at the General Education Center.	2	2						2							因興趣選修為跨領域課程，故可依學生需求，自行安排跨年度、學期選修，大一起即可自由選修，惟畢業前需修畢8學分，且其中2學分需為國際視野之英語文相關(通識教育中心訂定之)課程。Due to the interdisciplinary nature of general education, before graduation students have to take 8 credits in total for elective courses, including a mandatory 2 credits for English-related courses offered by the General Education Center.			
		社會融合 Social sciences																			
		自然科學 Science					2							2							
		應用科學 Applied sciences			6	6					2										
體育 physical education			0	12	2		2		2		2		2				一至三年級為必修，四年級為選修，並計入應修最低畢業學分數內。 Compulsory in Yr 1 to Yr 3, Elective in Yr 4, PE Graduation credits are included in the minimum graduation requirement.				
體育(選修) physical education(Elective)			(2)	(4)										(2)		(2)					
全民國防教育軍事訓練 National Defense Education Military Training			(8)	(8)	(2)		(2)		(2)		(2)						選修(不計入畢業最低總學分數)Elective courses (Not included in the minimum graduation requirement.) 實際開課學期，依軍訓室實際排課為準。the semester of courses is subject to the actual arrangement of the Military Education Office.				
合計// Subtotal			26	38	6	0	6	0	8	0	6	0	6	0	6	0	0	0			
校訂必修 University Requirement	現代商業導論與學習方法 Introduction to Modern Business and Learning Methods		2	2			2														
	合計// Subtotal		2	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0			
院必修 College Requirement	管理學 Management		3	3	3																
	會計學 ACCOUNTING		3	3	3																
	計算機概論 INTRODUCTION TO COMPUTER		3	3	3																
	Python程式設計(一) Python Programming(1)		3	3	3																
	Python程式設計(二) Python Programming(2)		3	3			3														
	經濟學 Economics		3	3			3														
	統計學(一) STATISTICS(1)		3	3						3											
	合計// Subtotal		21	21	12	0	6	0	0	0	3	0	0	0	0	0	0	0			
	專業必修 Core Course (Compulsory)	微積分(一) CALCULUS(1)		3	3	3													備註1 (不計入畢業最低總學分數)		
		財務管理(一) FINANCE MANAGEMENT(1)		3	3			3													
資訊倫理與法律 INFORMATION ETHICS AND LAWS		2	2			2															
服務學習(大學部) SERVICE LEARNING		(2)	(2)			(2)															
資料庫管理 DATABASE MANAGEMENT		3	3					3													
物聯網與雲端運算 Internet of Things & Cloud Computing		3	3					3													
資料結構 DATA STRUCTURES		3	3					3													
管理數學 MANAGERIAL MATHEMATICS		3	3							3											
管理資訊系統 MANAGEMENT INFORMATION SYSTEMS		3	3							3											
電子商務與網路行銷 ELECTRONIC COMMERCE AND INTERNET MARKETING		3	3							3											
社群大數據分析 Social Big Data Analytics		3	3									3					原課名：行銷與社群網絡分析				
作業系統 OPERATION SYSTEMS		3	3									3									
資訊安全 COMPUTER SECURITY		3	3										3								
資訊管理實務專題一 INFORMATION MANAGEMENT IN PRACTICE(1)		2	3										1	2							
資訊管理實務專題二 INFORMATION MANAGEMENT IN PRACTICE(2)		2	3												1	2					
行動商務應用 MOBILE COMMERCE APPLICATIONS		3	3												3						
資訊科技趨勢 IT Trends		2	2														2				
科技英文導讀 SCIENTIFIC ENGLISH READING		2	2														2				
合計// Subtotal		46	48	3	0	5	0	9	0	9	0	6	0	4	2	4	2	4	0		
必修合計 // Subtotal, Compulsory			95	109	21	0	19	0	17	0	18	0	12	0	10	2	4	2	4	0	

本課程科目表經114年6月20日教務會議審議通過，適用一一四學年度入學新生。
 Approved by Academic Affairs Council on June 20, 2025.

科目類別 Category	科目名稱 Course Title		學分數 Credit	時數 Hour	授 課 時 數 Contact Hour																備註 Remarks	
					第一學年Yr 1				第二學年Yr 2				第三學年Yr 3				第四學年Yr 4					
					上 Fall		下 Spring		上 Fall		下 Spring		上 Fall		下 Spring		上 Fall		下 Spring			
					授課	實習	授課	實習	授課	實習	授課	實習	授課	實習	授課	實習	授課	實習	授課	實習		
				Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice			
專業選修 Elective 須選擇一模組選修 達33學分；模組間 互相承認學分上限 為9學分。	數位科技模組	網頁設計 WEB DESIGN	3	3	3																	
		微積分(二) CALCULUS(2)	3	3			3														或四技學年課微積分之下學期	
		行銷管理 MARKETING MANAGEMENT	3	3			3															
		資訊網路 INFORMATION NETWORK	3	3				3														
		程式設計(一) PROGRAMMING (1)	3	3				3													Java程式設計	
		程式設計(二) PROGRAMMING (2)	3	3					3												Java程式設計	
		資料庫管理系統實作 PRACTICUM IN DATABASE MANAGEMENT SYSTEM	3	3						3												
		物件導向系統分析與設計 OBJECT-ORIENTED SYSTEMS ANALYSIS AND DESIGN	3	3					3													
		Linux系統 LINUX	3	3						3												
		網站應用程式設計 WEB APPLICATION PROGRAMMING	3	3								3										
		資管個案研討 CASE STUDIES IN MIS	3	3								3										
		伺服器架設與規劃 THE LINUX SYSTEM ADMINISTRATOR GUIDE	3	3								3										
		使用者介面 USER INTERFACE DESIGN	3	3										3								
		資料可視化 Data visualization	3	3										3								
		專案管理 PROJECT MANAGEMENT	3	3										3								
		機器學習與深度學習 MACHINE LEARNING AND DEEP LEARNING	3	3										3								
		進階人工智慧應用實務 Advanced Artificial Intelligence in Practice	3	3												3					建議先修《機器學習與深度學習》	
		虛擬化技術 Virtualization technology	3	3												3						
		擴增實境互動應用 Augmented reality interactive applications	3	3												3						
		區塊鏈建置實務 PRACTICAL BLOCKCHAIN	3	3														3				
		網路商城經營管理實務 EC OPERATIONS AND MANAGEMENT IN PRACTICE	3	3															3			
		校外實習 Practical Training for Information Management	(4)	(4)														(4)		(4)		備註7 Remark 7
		英語訓練(華輔) ENGLISH TRAINING	(0)	(2)														(2)		(2)		備註2 Remark 2
		資管實務訓練 PRACTICAL TRAINING OF INFORMATION	(0)	(2)														(2)				備註6 Remark 6
		專業選修-微學分 Micro Course in Elective	(2)	(2)																		專業選修-微學分最高採計2學分
		合計 // Subtotal	63	63	3	0	6	0	6	0	12	0	9	0	12	0	9	0	6	0		
	金融科技模組	財金概論 FINANCE INTRODUCTION	3	3	3																	
		貨幣銀行學 MONEY AND BANKING	3	3	3																	
		微積分(二) CALCULUS(2)	3	3			3														或四技學年課微積分之下學期	
		行銷管理 MARKETING MANAGEMENT	3	3			3															
		財務管理(二) FINANCIAL MANAGEMENT(II)	3	3				3													或四技學年課財務管理之下學期	
		中級會計學(一) INTERMEDIATE	3	3				3													或四技學年課中級會計學之上學期	
		投資學 INVESTMENT	3	3				3														
商事法 BUSINESS LAW		3	3						3											或四技學年課商事法之上學期		
銀行實務 BANK PRACTICE		3	3						3													
財務報表分析 FINANCIAL STATEMENTS		3	3						3													
統計學(二) ELEMENTARY STATISTICS(II)		3	3								3									或四技學年課統計學之下學期		
期貨與選擇權 FUTURES AND OPTIONS		3	3									3										
大數據金融 BIG DATA IN FINANCE		3	3									3										
審計學 AUDITING		3	3										3									
電腦審計 COMPUTER AUDITING		3	3											3								
國際金融 INTERNATIONAL FINANCE		3	3																			

科目類別 Category	科目名稱 Course Title		學分數 Credit	時數 Hour	授 課 時 數 Contact Hour																備註 Remarks
					第一學年Yr 1				第二學年Yr 2				第三學年Yr 3				第四學年Yr 4				
					上 Fall		下 Spring		上 Fall		下 Spring		上 Fall		下 Spring		上 Fall		下 Spring		
					授課	實習	授課	實習	授課	實習	授課	實習	授課	實習	授課	實習	授課	實習	授課	實習	
				Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice	Lecture	Practice		
金融科技模組 (續)	固定收益證券 FIXED INCOME	3	3											3							
	衍生性商品 DERIVATIVES	3	3											3							
	財金計量 FINANCIAL ECONOMETRICS	3	3											3							
	基金管理 FUND MANAGEMENT	3	3											3							
	風險管理 RISK MANAGEMENT	3	3											3							
	機器學習與深度學習 MACHINE LEARNING AND DEEP LEARNING	3	3											3							
	進階人工智慧應用實務 Advanced Artificial Intelligence in Practice	3	3													3				建議先修《機器學習與深度學習》	
	財金計量 FINANCIAL ECONOMETRICS	3	3													3					
	校外實習 Practical Training for Information Management	[4]	[4]														[4]		[4]		備註7 Remark 7
	英語訓練(華輔) ENGLISH TRAINING	(0)	(2)														(2)		(2)		備註2 Remark 2
	資管實務訓練 PRACTICAL TRAINING OF INFORMATION MANAGEMENT	(0)	(2)														(2)				備註6 Remark 6
合計// Subtotal		72	72	6	0	6	0	9	0	9	0	9	0	27	0	6	0	0	0		
畢業最低總學分數128(專業選修至少應修33學分) Total Number of Required Credits : 128 (Minimum of Electives Required:33Credits)																					

備註1: 依「本校服務學習課程實施要點」規定：自99學年度起入學之日間部學生，應於畢業前至少修習一門「服務學習課程」始得畢業，相關規定請詳閱該要點。
Remark1: Students are required to take service learning before graduation and obtain the graduation qualification. Please refer to the requirement of the university.

備註2: 依「國立臺北商業大學學生外國語言能力指標檢核要點」規定：學生應通過相關外語能力指標檢定或修習0學分每週2小時之「英語訓練(華輔)」課程，並通過校內英檢後始得畢業，檢定標準請詳閱該要點。
Remark2: According to regulation of professional ability thresholds of the department for graduation, students who do not meet the requirements must take and pass credits of "Professional Certificate of International Business". Please refer to the requirement of the department.

備註3: 依本校「學術倫理教育課程實施要點」規定：自107學年度起入學之大學部、專科部學生須完成「臺灣學術倫理教育資源中心」之「學術倫理教育」全部核心單元並通過總測驗，或修習其他管道之學術倫理教育課程6小時以上且持有修課證明者始得畢業。
Remark3: Students are required to take a course of academic ethics before graduation. Please refer to the requirement of the university.

備註4: 依本校「學分學程設置辦法」規定：自113學年度起入學之四技日間部學生，在學期間應至少選讀一門學程（含微學程），修畢於學位證書加註學分學程（含微學程）名稱，未修畢者得向教務處申請開列修課證明；成績及格之科目學分得計入應修最低畢業學分數內。
Remark4: Students are required to apply one program (including micro program), the program name (including micro program) will be added to the degree certificate after successfully completing. Those who have not completed it can apply for the Certification of Completion, and subject credits may be included in the minimum number of credits required for graduation.

備註5：依「國立臺北商業大學學生資訊能力檢核辦法」規定：113學年度起入學之學生，必須通過本校之資訊能力檢核標準始得畢業。檢核標準請詳閱該要點。
Remark5: Starting from Academic Year 2024, all newly admitted students shall meet at least one of the information literacy certification requirements specified in the NTUB Student Information Literacy Assessment Regulations in order to be eligible for graduation.

備註6：依「國立臺北商業大學資訊管理系學生專業能力畢業門檻及輔導實施要點」規定：99學年度起入學之日間部學生，必須通過本系科之專業能力門檻始得畢業。檢定標準請詳閱該要點。
Remark6: Students are required to take a course of Professional ability before graduation. Please refer to the requirement of the university.

備註7：校外實習課程依實際情況開設。校外實習課程每1學分應達之時數依本校校外實習相關規定辦理。校外實習學分之認列為【暑假2學分】、【上學期2學分】、【下學期上限4學分】。
Remark7: Practical Training for Information Management courses are offered based on actual conditions.

備註8：暑期開設銜接課程(微學分)，基礎需加強之同學請依系網公告自行報名修習。
Remark8: Summer Bridging Courses (Micro-Credits): Bridging courses will be offered during the summer. Students who need to strengthen their foundational knowledge are advised to register for these courses according to the announcements on the department's website.