國立臺北商業大學碩士在職專班資訊與決策科學研究所課程科目表（113學年度入學新生適用）

Course List for Executive Master of Business Administration (EMBA), Institute of Information and Decision Sciences, School of Management, National Taipei University of Business
(Applicable to Students Admitted in Fall , 2024)

科目類別 Category	科目名稱 Course Title	學分數 Credit	時數 Hour	第一學年 AY 1 上 Fall 授課 Lecture	第一學年 AY 1 上 Fall 實習 Practice	第一學年 AY 1 下 Spring 授課 Lecture	第一學年 AY 1 下 Spring 實習 Practice	第二學年 AY 2 上 Fall 授課 Lecture	第二學年 AY 2 上 Fall 實習 Practice	第二學年 AY 2 下 Spring 授課 Lecture	第二學年 AY 2 下 Spring 實習 Practice	備註 Remarks
專業必修 Core Course (Compulsory)	資訊科技實務講座(一) Information Technology Practice Seminar	4	4		2		2					專業必修8學分 （不含論文）
	資訊科技實務講座(二) Information Technology Practice Seminar	4	4						2		2	
	論文 Thesis	(6)	(6)					(3)		(3)		
	合計 Subtotal	8	8	0	2	0	2	0	2	0	2	
	期刊論文導讀 Journal Papers Reading	4	4		2		2					三選一 Choose one of the three.
	書報討論 Seminar	4	4		2		2					
	科技新知研討 Study on New Technology	4	4		2		2					
	合計 Minimum of Electives Reqruied	4	4	0	2	0	2	0	0	0	0	
	必修合計 Subtotal, Compulsory	12	12	0	4	0	4	0	2	0	2	
專業選修 Elective	機器學習與決策 Machine Learning and Decisions	3	3	3								人工智慧與資料科學模組 Artificial Intelligence and Data Science Module Courses
	資料科學 Data Sciences	3	3	3								
	電腦視覺 Computer Vision	3	3			3						
	強化式學習 Reinforcement Learning	3	3					3				
	深度學習 Deep Learning	3	3					3				
	深度生成式建模 Deep Generative Modeling	3	3							3		
	大語言預訓練模型 Pretrained Models for Large Language Models	3	3							3		
	自然語言理解與應用 Natural Language Understanding and Applications	3	3							3		
	資訊安全 Information Security	3	3							3		
	企業永續發展與數位轉型 Enterprise Sustainable Development and Digital Transformation	3	3	3								商業與決策應用模組 Business and Decision Applications Module Courses
	雲端運算與商業服務 Cloud Computing and Business Service	3	3	3								
	多變量統計分析 Multivariate Statistical Analysis	3	3	3								
	大數據分析與商業應用 Big Data Analysis and Business Applications	3	3			3						
	金融科技實務應用 Fintech Practice and Applications	3	3			3						
	電子商務與數位行銷 E-commerce and Digital Marketing	3	3			3						
	資料庫系統與資料倉儲 Database System and Data Warehousing	3	3					3				
	行銷科技實務應用 Marketing Technology Pratice and Applications	3	3					3				
	決策分析與產業應用 Decision Analysis and Industrial Applications	3	3							3		
	合計 Subtotal, Elective	54	54	15	0	12	0	12	0	15	0	
畢業最低總學分數36（專業選修至少應修24學分）（不含畢業論文6學分） Total Number of Required Credits :36 (excluding thesis 6 credits)　　(Minimum of Electives Reqruied: 32 Credits)												

備註1. 最低畢業學分數：36學分(不含碩士論文6學分)，其中必修12學分、選修24學分。
Remark1: Minimum graduation credits: 36 credits (excluding 6 credits for master's thesis), of which 12 credits are compulsory and at least 24 elective credits are required.

備註2. 學生須依本校「研究生學術倫理教育實施要點」完成學術倫理教育相關課程達6小時以上，始得申請論文學位考試。
Remark2: According to the "Guidelines for Academic Research Ethics Education Course", students are required to complete the Research Ethics Education course (more than 6 hours) to apply for a dissertation exam.

備註3. 學生應就人工智慧與資料科學模組、商業與決策應用模組，每一模組至少選修9學分，始能畢業。
Remark3: Students should take at least 6 credits in each module in the Artificial Intelligence and Data Science Module Courses ,and Business and Decision Applications Module Courses to graduate.

備註4. 專業選修科目得視實際情況調整開課學期別。
Remark4: Given practical circumstances, adjustments can be made to elective courses regarding what semester to start them.

備註5：113學年度起入學之學生須依本校「學生資訊能力檢核辦法」規定，應於畢業前達成辦法內擇一資訊能力檢核認定項目，始得畢業。
Students must comply with the provisions of the school's "Student Information Ability Assessment Measures" and must complete one of the information competency assessment and certification items in the regulations before graduation in order to graduate.

本課程科目表經113年6月18日教務會議審議通過，適用113學年度入學新生。
Approved by Counsil of Academic Affairs on June 18, 2024.