

國立臺北商業大學碩士班資訊與決策科學研究所課程科目表（114 學年度入學新生適用）

Course List for Master of Science (MS), Institute of Information and Decision Sciences, School of Management, National Taipei University of Business (Applicable to Students Admitted in Fall , 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 AY 1				第二學年 AY 2					
				上 Fall		下 Spring		上 Fall		下 Spring			
				授課 Lecture	實習 Practice	授課 Lecture	實習 Practice	授課 Lecture	實習 Practice	授課 Lecture	實習 Practice		
專業必修 Core Course (Compulsory)	專題演講(一) Project Speech	4	4		2		2					專業必修20學分 (不含論文)	
	專題演講(二) Project Speech	4	4						2		2		
	期刊論文導讀 Journal Papers Reading	6	6		3		3						
	人工智慧與決策應用研討 AI and Decision-Making Applications Semina	6	6						3		3		
	論文 Thesis	(6)	(6)					(3)		(3)			
	必修合計 Subtotal, Compulsory		20	20	0	5	0	5	0	5	0		5
	專業選修 Elective	程式設計與計算思維 Computer programming with applications	3	3	3								
資料探勘 Data Mining		3	3			3							
圖形理論及其應用 Graph Theory and Application		3	3			3							
深度學習 Deep Learning		3	3					3					
網路安全 Network Security		3	3							3			
生成式AI Generative Artificial Intelligence		3	3							3			
強化式學習 Reinforcement Learning		3	3							3			
專業選修 Elective	高等資料庫 Advanced Database System	3	3	3								商業與決策應用模組 Business and Decision Applications Module Courses	
	物聯網及其應用 Internet of Things and Applications	3	3	3									
	商業智慧 Business Intelligence	3	3			3							
	決策分析與管理 Decision Analysis and Management	3	3					3					
	應用統計學 Applied Statistics	3	3					3					
	多變量統計分析 Multivariate Statistical Analysis	3	3							3			
	AI金融科技 AI FinTech	3	3							3			
	英文訓練(畢輔) English Training	0	3			3							
	專題研究實習 Practice of Topic Research	4	4		1		1		1		1	列學期修習學分數，但不計畢業學分。 Exclusive for graduation requirement	
	教育專案實習 Practice of Educational Case Study	4	4		1		1		1		1	列學期修習學分數，但不計畢業學分。 Exclusive for graduation requirement	
	合計 Subtotal, Elective	50	53	9	2	12	2	9	2	15	2		
畢業最低總學分數 44 （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 Required: 32 Credits)													

備註1. 最低畢業學分數：44學分(不含碩士論文6學分)，其中必修20學分、選修24學分。
Remark1: Minimum graduation credits: 36 credits (excluding 6 credits for master's thesis), of which 4 credits are compulsory and at least 32 elective credits are required.

備註2. 本所先修科目為統計學及程式設計(於大學、二專或五專四、五年級修滿3學分，且分數達60分以上)，未修或少修該科目學分者，需至大學部(程式設計需要至資管系補修)或碩士班補修，分數達70分以上，且不列入畢業學分；其餘相關規定以本所碩士班先修基礎科目抵免辦法為準。
Remark 2: The prerequisite courses of the program are statistics and computer programming (3 credits with scores no less than 60). Students who do not meet the prerequisite must catch up the requirement while the make-up credits will be NOT counted toward total credits required for graduation.

備註3. 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。
Remark3: 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4. 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。
Remark4: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.

備註5. 跨所、跨校選修應填寫紙本選課申請書，送經本所認列上限6學分為畢業學分數。
Remark5: For cross-institution or cross-school electives, a paper course selection application form should be filled in and submitted to the institute for recognition of a maximum of 6 credits as graduation credits.

備註6. 專業選修科目得視實際情況調整開課學期別。
Remark6: Given practical circumstances, adjustments can be made to elective courses regarding what semester to start them.