

109學年度碩士班入學生科目表
Master Course

	科目名稱Subject name	Semester1		Semester2		科目名稱Subject name	Semester3		Semester4	
		學分credit	時數Hours	學分credit	時數 Hours		學分credit	時數Hours	學分credit	時數Hours
必修Compulsory	書報討論 (一) SEMINAR(1)	2	2							
	書報討論 (二) SEMINAR(2)			2	2					
選修Elective	B高等多媒體系統ADVANCED MULTIMEDIA SYSTEM	3	3			B雲端運算CLOUD COMPUTING	3	3		
	N高等演算法ADVANCED ALGORITHMS	3	3			B類神經網路NEURAL NETWORK	3	3		
	M資料分析與分類DATA ANALYSIS AND CLUSTERING	3	3			M多媒體安全MULTIMEDIA SECURITY			3	3
	N行動計算MOBILE COMPUTING			3	3	M密碼學CRYPTOGRAPHY			3	3
	雲端軟體架構CLOUD SOFTWARE ARCHITECTURE	3	3			B專案管理PROJECT MANAGEMENT			3	3
	M語音與語言處理SPEECH AND LANGUAGE PROCESSING	3	3			巨量資料分析BIG DATA ANALYSIS			3	3
	N無線感測網路WIRELESS SENSOR NETWORK	3	3			深度學習DEEP LEARNING			3	3
	M虛擬實境VIRTUAL REALITY	3	3			區塊鏈BLOCK CHAIN			3	3
	智慧物聯網ARTIFICIAL INTELLIGENCE OF THINGS			3	3	機器學習MACHINE LEARNING			3	3
	物聯網軟體架構 INTERNET OF THINGS SOFTWARE ARCHITECTURE	3	3							
	物聯網雲端系統建構技術THE TECHNOLOGY OF CLOUD-BASED IOT SYSTEM	3	3							
	社群網路資訊分析SOCIAL NETWORK ANALYSIS	3	3							
	N物件導向軟體工程OBJECT-ORIENTED SOFTWARE ENGINEERING			3	3					
	M資料探勘DATA MINING			3	3					
	M資料壓縮DATA COMPRESSION	3	3							
	M數位影像處理DIGITAL IMAGE PROCESSING			3	3					
	M計算機圖學COMPUTER GRAPHICS			3	3					
	N下一代通訊網路NEXT GENERATION COMMUNICATION NETWORKS			3	3					
	N多媒體行動網路 MULTIMEDIA MOBILE NETWORKS			3	3					
	M視訊處理VIDEO PROCESSING			3	3					
	線上計線ONLINE COMPUTATION			3	3					