



資訊工程系 碩專班 113 學年度入學課程結構規劃表

2024 Curricula for the In-Service Master's Program in Department of Computer Science and Information Engineering

 課程類別 Course Category			一年級 1 st Academic Year						二年級 2 nd Academic Year						
			第一學期			第二學期			第一學期			第二學期			
			學分數		時數	學分數		時數	學分數		時數	學分數		時數	
			課程名稱	Credits	Hours	課程名稱	Credits	Hours	課程名稱	Credits	Hours	課程名稱	Credits	Hours	
			課程名稱	Credits	Hours	課程名稱	Credits	Hours	課程名稱	Credits	Hours	課程名稱	Credits	Hours	
	必修	應修學分數 14 學分	專題研討(一) Seminar (1)	2	2	專題研討(二) Seminar (2)	2	2	專題研討(三) Seminar (3)	2	2	專題研討(四) Seminar (4)		2	2
												論文 Thesis		6	6
系專業 課程	選修	應修學分數 24 學分													
Departmental	Professional Courses	Credits needed24	資料庫系統導論/3/3			電腦視覺/3/3			巨量資料分析/3/3						
			Biomedical Algorithms/3/3			Computer Vision/3/3			Big Data Analysis/3/3						
			高等計算機網路/3/3			圖形理論/3/3			雲端計算與服務/3/3						
			Advanced Computer Network/3/3			Graphic Theory/3/3			Cloud Computing and Services/3/3						
			數位影像處理/3/3			進階電子商務/3/3			生物資訊學/3/3						
			Digital Image Processing/3/3			Advanced E-Commerce/3/3			Introduction To Computational Biology/3/3						
			演算法分析/3/3			網路資料庫設計及開發/3/3			高等資料庫/3/3						
			Algorithm Analysis/3/3			Internet Database System /3/3			Advanced Database/3/3						
			系統分析/3/3			網路安全/3/3			資料探勘/3/3						
			System Analysis/3/3			Network Security/3/3			Data Mining/3/3						
	高等人工智慧/3/3			軟體分析/3/3			量子電腦程式設計/3/3								
	Advanced Artificial Intelligence/3/3			Software Analysis/3/3			Programming Design of Quantum Computers/3/3								
	網路協定工程/3/3			企業電子化專題/3/3			網路科學與社會計算/3/3								
	Network Protocol Engineering/3/3			Topics of Electronic Business/3/3			Network Science and Social Computing/3/3								
	高等 Linux 系統整合應用/3/3			行動通訊程式設計(一)/3/3			資料科學/3/3								
	Advanced Integrated Application of Linux System/3/3			Mobile Device Programming (1) /3/3			Data Science								
	圖型辨識/3/3			行動通訊程式設計(二)/3/3			資料科學專題/3/3								
	Pattern Recognition/3/3			Mobile Device Programming (2) /3/3			Seminar on Data Science/3/3								

備註：

- 一、畢業總學分數為 38 學分。
- 二、必修 14 學分，選修 24 學分。
- 三、學生修讀所屬學院之「學院共同課程」應認列為本系專業課程學分；修讀所屬學院之「學院跨領域課程」或其他學院開課之課程，則認列為外系課程學分。
- 四、系所訂定條件（學程、檢定、證照、承認外系學分及其他）：
（一）其他相關規定依本系碩士在職專班研究生修讀辦法辦理。

Notes:

1. Minimum credit required to graduate: 38 .
2. Required courses: 14 credits; elective courses: 24 credits.
3. Credits earned by students from the common courses offered by their respective colleges shall be accepted as their affiliated department's professional courses. However, credits earned from interdisciplinary courses offered either by their college or by other colleges will be accepted as credits earned from departments outside their own.
4. Departmental requirements (Ex: programs, certifications, licenses, recognition of external department credits, and other requirements):
(1) Other relevant regulations shall be handled in accordance with the regulations for the Master's In-Service Program students of the department.

