

Curriculum Table (Since 2011 Academic Year)
 Graduate Class
 Department of Computer Science and Information Engineering
 National Formosa University

Academic year		First Year					
Semester		First			Second		
		Subject	Credit	Hours	Subject	Credit	Hours
Compulsory subject		專題研討(一) Project Discussing (I)	0	2	專題研討(二) Project Discussing(II)	0	2
		科技論文寫作 Scientific Writing	3	3	書報討論(二) Seminar(II)	0	2
		書報討論(一) Seminar(I)	0	2			
	total						
Elective Courses		軟硬體協同設計與應用 Software and Hardware Co-design and Applications	3	3	無線射頻辨識系統與應用 RFID System and Applications	3	3
		智慧型最佳化演算法 Intelligent Algorithm of Optimization	3	3	密碼學 Cryptography	3	3
		管理科學 Management Science	3	3	資料庫系統專題 Special Topics in Database Systems	3	3
		新一代網路技術 New Generation Web Technology	3	3	多代理人系統 Multiagent System	3	3
		其他 Otherwise			其他 Otherwise		

Academic year		Second Year					
Semester		First			Second		
		Subject	Credit	Hours	Subject	Credit	Hours
Compulsory subject		專題研討(三) Project Discussing (III)	0	2	專題研討(四) Project Discussing (IV)	0	2
		碩士論文(一) Master's thesis(I)	3	0	碩士論文(二) Master's thesis(II)	3	0
		書報討論(三) Seminar(III)	0	2	書報討論(四) Seminar(IV)	0	2
	total						
Elective Courses		高等人工智慧 Advanced Artificial Intelligence	3	3	影像擷取裝置設計與應用 Image Capture Device Design and Application	3	3
		雲端運算 Cloud Computing	3	3	高等隱藏學 Advanced Steganography	3	3
		高等多媒體程式設計 Advanced Multimedia Programming	3	3	行動計算與應用 Mobile Computing and Applications	3	3
		資訊科技融入教學 Integrating Information Technology into Teaching	3	3	軟體工程 Software Engineering	3	3
		其他 Otherwise			無線網路媒體存取控制協定 The MAC Layer Protocols of Wireless Networks	3	3
					其他 Otherwise		

本系碩士班研究生最低畢業總學分數為 30 學分，其中必修包含論文 6 學分、科技論文寫作 3 學分及四學期之專題研討，選修至少須修滿 21 學分，其中 6 學分可選修外系課程，唯須經指導教授同意。 Please note that the minimum requirement for passing postgraduate study is that students in the CSIE department should have had passed at least 30 credit points for graduation, in which 6 credit points are required for thesis completion, 3 credit points for scientific research writing, and at least 21 credit points from the elective courses. In total credit points of elective courses, 6 credit points are permitted to take from other departments that outside the faculty. For students who want to enroll courses that outside the faculty should have had gained the permissions from their supervisors. In addition, the minimum requirement also includes a pass of four-consecutive semesters of seminars participations.