中國文化大學　理工學院　資訊工程學系　必修科目表

必修類別	科　目　名　稱	規定學分	一年級 上	一年級 下	二年級 上	二年級 下	三年級 上	三年級 下	四年級 上	四年級 下	備　註
通識科目	國文	4	2	2							
	外文：閱讀與聽講（一）	3	1.5	1.5							五選一課程
	外文：閱讀與聽講（二）	3			1.5	1.5					
	跨域專長	12			6	6					
	人文學科領域	4									
	社會科學領域	4	4	4	2	0					
	自然科學與數學領域	2									不含電腦資訊
共同科目	體育	0	0	0	0	0					
	全民國防教育軍事訓練	0	0								
通 識 及 共 同 必 修 學 分 合 計		**32**	**7.5**	**7.5**	**9.5**	**7.5**					
專業必修科目	(I179)計算機數學	3	3								
	(7261)計算機概論	3	3								
	(6731)程式設計	3	3								
	(7257)離散數學	3		3							
	(4633)物件導向程式設計	3		3							
	(6277)機率與統計	3			3						
	(2314)資料結構	3			3						
	(7304)數位系統導論	3			3						
	(8909)數位系統實驗	1			1						
	(2184)線性代數	3				3					
	(3468)演算法	3				3					
	(3291)電腦網路	3				3					
	(7231)系統分析與設計	3					3				
	(6353)資訊系統專題	4						2	2		
專 業 必 修 學 分 合 計		**41**	**9**	**6**	**10**	**9**	**3**	**2**	**2**	**0**	
必 修 學 分 總 計		**73**	**16.5**	**13.5**	**19.5**	**16.5**	**3**	**2**	**2**	**0**	
最 低 畢 業 學 分 數		128 學分									

其他修業規定：

專業必選學分	需依本系學群規範修習必選總學分至少需達18學分。
服務學習	參與服務學習，依本校「服務學習實施辦法」辦理，詳細資訊請參考綜合業務組網頁。https://cur.pccu.edu.tw/
全球競爭力檢定	通過全球競爭力檢定，依本校「大學部學生全球競爭力檢定實施辦法」辦理，詳細資訊請參考教務組網頁。https://reg.pccu.edu.tw/
倫理課程	參與「職業倫理」、「中華文化專題」，依本校「職業倫理教育實施要點」及「中華文化專題講座實施要點」辦理，詳細資訊請參考綜合業務組網頁。https://cur.pccu.edu.tw/
全人學習護照	參與全人學習護照各項學習活動達認證標準，依本校「全人學習護照實施辦法」辦理，詳細資訊請參考課外活動組網頁。https://activity.pccu.edu.tw/

Chinese Culture University, Required Courses List, Department of Computer Science and Information Engineering

Categories for Compulsory Courses	Course Title	Credit Hours	1st Year		2nd Year		3rd Year		4th Year		Remark
			1st semester (Sep)	2nd semester (Feb)	1st semester (Sep)	2nd semester (Feb)	1st semester (Sep)	2nd semester (Feb)	1st semester (Sep)	2nd semester (Feb)	
Required Courses											
General Required Courses	CHINESE	4	2	2							
	FOREIGN LANGUAGE READING AND CONVERSATION(1)	3	1.5	1.5							Choose 1 of 5 Courses
	FOREIGN LANGUAGE READING AND CONVERSATION(2)	3			1.5	1.5					
	INTERDISCIPLINARY PROGRAM	12			6	6					
	ART AND HUMANITIES	4	4	4	2	0					
	NATURAL SCIENCES AND MATHEMATICS	4									
	SOCIAL SCIENCES	2									Cannot be computer-related courses
Common Courses	PHYSICAL EDUCATION	0	0	0	0	0					
	ALL-OUT DEFENSE EDUCATION MILITARY TRAINING	0	0								
Total General and Common Courses Credits		**32**	**7.5**	**7.5**	**9.5**	**7.5**					
Required Courses by Department	(I179)COMPUTER MATHEMATICS	3	3								
	(7261)INTRODUCTION TO COMPUTER SYSTEMS	3	3								
	(6731)PROGRAMMING	3	3								
	(7257)DISCRETE MATHEMATICS	3		3							
	(4633)OBJECT-ORIENTED PROGRAMMING	3		3							
	(6277)PROBABILITY & STATISTICS	3			3						
	(2314)DATA STRUCTURES	3			3						
	(7304)INTRODUCTION TO DIGITAL SYSTEMS	3			3						
	(8909)DIGITAL SYSTEM LABORATORY	1			1						

Categories for Compulsory Courses	Course Title	Credit Hours	1st Year 1st semester (Sep)	1st Year 2nd semester (Feb)	2nd Year 1st semester (Sep)	2nd Year 2nd semester (Feb)	3rd Year 1st semester (Sep)	3rd Year 2nd semester (Feb)	4th Year 1st semester (Sep)	4th Year 2nd semester (Feb)	Remark
	(2184)LINEAR ALGEBRA	3				3					
	(3468)ALGORITHMS	3				3					
	(3291)COMPUTER NETWORKS	3				3					
	(7231)SYSTEMS ANALYSIS AND DESIGN	3					3				
	(6353)SPECIAL TOPIC ON INFORMATION SYSTEMS	4						2	2		
Total Credits of Required Subjects		**41**	**9**	**6**	**10**	**9**	**3**	**2**	**2**	**0**	
Total Required Credits		**73**	**16.5**	**13.5**	**19.5**	**16.5**	**3**	**2**	**2**	**0**	
Graduate Credits		**128**									

Other provisions of graduate requirements：

Credits for Required Elective Courses	The required total credits for taking the required elective courses among the three professional academic groups of this department must be at least 18.
Service Learning	Participation in service learning shall be conducted in accordance with the 'Implementation Measures for Service Learning' of the university. For detailed information, please refer to the website of the Curriculum Section at http://cur.pccu.edu.tw/ezfiles/7/1007/img/166/HL04.pdf
Global competitiveness	Passing the "Implementation Measures for the Global Competitiveness Assessment of University Students" is mandatory for graduation. Visit the website of the Registration Section for more information.
Professional Ethics/ Special Topics in Chinese Culture	According to the university's 'Implementation Guidelines for Professional Ethics Education' and 'Implementation Guidelines for Chinese Culture Topics Lectures,' students are required to participate in two-semester courses: 'Professional Ethics' and 'Chinese Culture Topics.' For detailed information, please refer to the website of the Curriculum Section: http://cur.pccu.edu.tw/ezfiles/7/1007/img/166/HL30.pdf."
Whole Person Learning Passport	To fulfill the Whole Person Learning Passport requirements, students must actively participate in various learning activities. These activities are organized in accordance with our university's guidelines for the Whole Person Learning Passport. For more detailed information, please visit the website of the Extracurricular Activities Section at https://activity.pccu.edu.tw/."