

中國文化大學 理工學院 紡織科技創新與應用工程學系 必修科目表

114學年度起入學新生適用

必修類別	科 目 名 稱	規定學分	一年級		二年級		三年級		四年級		備 註
			上	下	上	下	上	下	上	下	
通識科目	國文	4	2	2							五選一課程
	外文：閱讀與聽講（一）	3	1.5	1.5							
	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	2	2	4	2					
	社會科學領域	4									
	自然科學與數學領域	2									
共同科目	體育	0	0	0	0	0					
通 識 及 共 同 必 修 學 分 合 計		32	5.5	5.5	11.5	9.5					
專業必修科目	(2019) 普通化學	2	2								
	(2020) 普通化學實驗	1	1								
	(2021) 微積分	6	3	3							
	(2026) 普通物理學	4	2	2							
	(M047) 科學與工程製圖	2	1	1							
	(M598)紡織科技導論	4	2	2							
	(M048) 機能性紗線技術與應用	4			2	2					
	(M049) 紡織品織造科學	4			2	2					
	(6003) 工程數學	3			3						
	(6029) 材料力學	2			2						
	(M596)紡織材料精密儀器分析技術	2				2					
	(6403) 紡織物理	4			2	2					
	(6405) 紡織物理實驗	2			1	1					
	(2694) 染色學	4					2	2			
	(6027) 產業實習	2					2				
	(6310) 紡織化學	4					2	2			
	(6311) 紡織化學實驗	2					1	1			
	(D638) 織物整理加工學	4					2	2			
	(L013) 紡織檢驗品管與法規(一)	2						2			
	(L014) 紡織檢驗品管與法規(二)	2							2		
(L015) 專題研究討論（一）	2						2				
(L016) 專題研究討論（二）	2							2			
專 業 必 修 學 分 合 計		64	11	8	12	9	9	11	4	0	
必 修 學 分 總 計		96	16.5	13.5	23.5	18.5	9	11	4	0	
最 低 畢 業 學 分 數		135 學分									
其他修業規定											
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/									

Course Requirements for Bachelor Program of Department of Textile Technology and Innovation

Application Engineering , CCU

Effective for Students Enrolled in and from the 2025 Academic Year

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							Choose 1 of 5 Courses
	FOREIGN LANGUAGE READING AND CONVERSATION(1)	3	1.5	1.5							
	FOREIGN LANGUAGE READING AND CONVERSATION(2)	3			1.5	1.5					
	INTERDISCIPLINARY PROGRAM	12			6	6					
	ART AND HUMANITIES	4	2	2	4	2					
	NATURAL SCIENCES AND MATHEMATICS	4									
	SOCIAL SCIENCES	2									
Common Courses	PHYSICAL EDUCATION	0	0	0	0	0					
Total General and Common Courses Credits		32	5.5	5.5	11.5	9.5					
Program Required Courses	GENERAL CHEMISTRY	2	2								
	GENERAL CHEMISTRY LAB.	1	1								
	CALCULUS	6	3	3							
	GENERAL PHYSICS	4	2	2							
	ENGINEERING GRAPHICS	2	1	1							
	INTRODUCTION TO TEXTILE TECHNOLOGY	4	2	2							
	YARN SPINNING TECHNOLOGY AND APPLICATIONS	4			2	2					
	THE FABRIC STRUCTURE PROCESS	4			2	2					
	ENGINEERING MATHEMATICS	3			3						
	MECHANICS OF MATERIALS	2			2						
	TEXTILE MATERIALS PRECISION INSTRUMENT ANALYSIS TECHNOLOGY	2				2					
	TEXTILE PHYSICS	4			2	2					
	TEXTILE PHYSICS LAB	2			1	1					
	DYEING ENGINEERING	4					2	2			
	INDUSTRY INTERNSHIP	2					2				

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)	
	TEXTILE CHEMISTRY	4					2	2			
	TEXTILE CHEMISTRY LAB.	2					1	1			
	TEXTILES FINISHING AND HIGH-PERFORMANCE PROCESSING	4					2	2			
	TEXTILE TESTING QUALITY CONTROL AND INDUSTRIAL LAW (1)	2						2			
	TEXTILE TESTING QUALITY CONTROL AND INDUSTRIAL LAW (2)	2							2		
	SPECIAL TOPICS (1)	2						2			
	SPECIAL TOPICS (2)	2							2		
Total Credits of Required Subjects		64	11	8	12	9	9	11	4	0	
Total Required Credits		96	16.5	13.5	23.5	18.5	9	11	4	0	
Graduate Credits		135									
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: https://cur.pccu.edu.tw/										
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/ ."										