中國文化大學 理工學院 大氣科學系 必修科目表

113 學年度起入學新生實施

										113字	十戊科	2人学新生賞
必修	科 目 名 稱		規定	一至	手級	二年	F級	三年	三級	四年	年級	備註
類別	1 日 石 円		學分	上	下	上	下	上	下	上	下	
通	國文		4	2	2							
	外文:閱讀與聽講(一)		3	1.5	1.5							五選一課
識	外文:閱讀與聽講(二)		3			1.5	1.5					程
	跨域專長		12			6	6					
科	人文學科領域		4									
	社會科學領域		4	4	2	2	2					
目	自然科學與數學領域		2									
共同	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	5.5	9.5	9.5					
院必	(8760) 地球系統科學概論		2	2								
專	(2019) 普通化學		3		3							
	(2020) 普通化學實驗		1		1							
	(2021) 微積分		6	3	3							
業	(2026) 普通物理學		6	3	3							
赤	(9938) 大氣科學概論		4	2	2							
	(J762) FORTRAN 程式設計		2	2								
.,	(L401) 大氣測計學(1)		2		2							
必	(2065) 大氣熱力學		3			3						
	(M294) 應用數學(1)		3			3						
	(4009) 統計學		3			3						
修	(2072) 氣候學		2				2					
	(2070) 流體力學		3				3					
	(L402) 大氣測計學(2)		2			2						
科	(E404) 雲物理學		3				3					
	(2068) 大氣動力學		6					3	3			
	(8259) 天氣學		6					3	3			
目	(E406) 大氣輻射學		3						3			
事 .	業 必 修 學 分 合	計	60	12	14	11	8	6	9			
必	<u>************************************</u>	計	92				17.5	6	9			
最	低畢業學分	數	128 學		<u> </u>			-	<u> </u>	<u> </u>	<u> </u>	
	多業規定:	-,•	_	- •								
服務學	条				習實於	 一瓣法	 : 」辨: 	理,詳	羊細資	訊請	參考	綜合業務組
全球競	通過全球競爭力檢 細資訊請參考教務								 力檢定	定實施	 .辨法	,辨理,詳

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 Atmospheric Sciences,

Effective for Students Enrolled in and from the 2024 Academic Year

Cotagorias for							,	Year	1		demic Year
Categories for	Course Title	Credit		Year		Year			1	Year	D
Compulsory Courses	Course Title	Hours	1st semester (Sep)	2nd semester (Feb)	1st semester (Sep)	2nd semester (Feb)	1st semester (Sep)	2nd semester (Feb)	1st semester (Sep)	2nd semester (Feb)	Remark
Required Cours	es										
	CHINESE	4	2	2							
	FOREIGN										
	LANGUAGE	3	1.5	1.5							
	READING AND	3	1.3	1.3							Choose
	CONVERSATION(1)										1 of 5
	FOREIGN										Courses
General	LANGUAGE	3			1.5	1.5					Courses
Required	READING AND				1.5	1.3					
Courses	CONVERSATION(2)										
Courses	INTERDISCIPLINARY	12			6	6					
	PROGRAM	12			Ů						
	ART AND	4									
	HUMANITIES	4 2	4		2	2					
	SOCIAL SCIENCES	4	4	2							
	NATURAL SCIENCES	2									
	AND MATHEMATICS										
	PHYSICAL	0	0	0	0	0					
Common	EDUCATION ALL OUT DEFENSE										
Courses	ALL-OUT DEFENSE EDUCATION	0		0							
	MILITARY TRAINING			U							
Total Canaral	and Common Courses										
Credits	ind Common Courses	32	7.5	5.5	9.5	9.5					
D : 1	(8760) AN										
Required	INTRODUCTION TO		2								
Courses by	EARTH SYSTEM	2									
College	SCIENCE										
	(2019) GENERAL	3		3							
	CHEMISTRY	3		3							
	(2020) GENERAL	1		1							
	CHEMISTRY LAB.										
	(2021) CALCULUS	6	3	3							
Required	(2026) GENERAL		3	3							
Courses by	PHYSICS	6	3	3							
Department	(0028)										
1	(9938) INTRODUCTION TO										
	ATMOSPHERIC	4	2	2							
	SCIENCE										
	(J762) FORTRAN	2	2								
	PROGRAMMING						<u> </u>				

Categories for			1st \	Year	2nd	Year	3rd	Year	4th	Year	
Compulsory	Course Title	Credit	1st	2nd	1st	2nd	1st	2nd	1st	2nd	Remark
Courses		Hours	semester (Sep)	semester (Feb)	semester (Sep)	semester (Feb)	semester (Sep)	semester (Feb)	semester (Sep)	semester (Feb)	
	(L401)										
	ATMOSPHERIC INSTRUMENTATION	2		2							
	AND	2		2							
	MEASUREMENT (1)										
	(2065)										
	ATMOSPHERIC	3			3						
	THERMODYNAMICS										
	(M294) APPLIED MATHEMATICS(1)	3			3						
	(4009) STATISTICS	3			3						
	(2072)	2				2					
	CLIMATOLOGY										
	(2070) FLUID DYNAMICS	3				3					
	(L402) ATMOSPHERIC										
	INSTRUMENTATION	2			2						
	AND										
	MEASUREMENT (2)										
	(E404) CLOUD	2				2					
	PHYSICS	3				3					
	(2068)						_				
	ATMOSPHERIC DYNAMICS	6					3	3			
	(8259) SYNOPTIC										
	METEOROLOGY	6					3	3			
	(E406)										
	ATMOSPHERIC	3						3			
	RADIATION	(0									
Total Credits of	f Required Subjects	60	12	14	11	8	6	9			
Total Required	Credits	92	19.5	19.5	20.5	17.5	6	9			
Graduate Cred	its	128		l	I		I	l			
Other provisions	s of graduate requirement	s:									
Service	Participation in service le										
Learning	Measures for Service Le								tion, p	lease r	efer to
	the website of the Curric								a A ggo	cement	of
Global	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.										
competitiveness											
Professional	According to the university's 'Implementation Guidelines for Professional Ethics										
Ethics/	Education' and 'Impleme	•	-								udents
Special Topics in	are required to participat	e in two	-seme	ster co	urses:	'Profe	ssiona	l Ethic	s' and	'Chine	se
Chinese	Culture Topics.' For deta			on, ple	ase re	fer to t	he wel	osite of	f the C	urricu	lum
Culture	Section: https://cur.pccu.	.eau.tw/									

Categories for	Cw	redit	1st Y	Year	2nd Year		3rd Year		4th Year			
Compulsory	Course Lifle		1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester	Remark	
Courses		(Sep)	(Feb)	(Sep)	(Feb)	(Sep)	(Feb)	(Sep)	(Feb)			
	To fulfill the Whole Person Learning Passport requirements, students must actively											
Whole Person	Whole Person participate in various learning activities. These activities are organized in accordance with									e with		
Learning	our university's guidelines for the Whole Person Learning Passport. For more detailed											
Passport	information, please visit the website of the Extracurricular Activities Section at											
	https://activity.pccu.edu.tw/.											