

**Department of Geology,
College of Science, Chinese Culture University
Required Courses List**

Effective for Students Enrolled in and from the 2023 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							
	FOREIGN LANGUAGE	4	2	2							Choose 1 of 6 Courses
	FOREIGN LANGUAGE LISTENING AND SPEAKING DRILL	2	1	1							(Language matches the above chosen)
	INTERDISCIPLINARY PROGRAM	12			6	6					
	ART AND HUMANITIES	4									
	NATURAL SCIENCES AND MATHEMATICS	4	4	4	2						
	SOCIAL SCIENCES	2									
Common Courses	PHYSICAL EDUCATION	0	0	0	0	0					
	ALL-OUT DEFENSE EDUCATION										
	MILITARY TRAINING - INTERNATIONAL SITUATIONS	0	0								
Total General and Common Courses Credits		32	9	9	8	6					
Required Courses by College	(8760) AN INTRODUCTION TO EARTH SYSTEM SCIENCE	2	2								
Required Courses by Department	(2021) CALCULUS	6	3	3							
	(2019) GENERAL CHEMISTRY	3		3							
	(2020) GENERAL CHEMISTRY LAB.	1		1							
	(M282) GENERAL GEOLOGY(I)	3	3								
	(M283) GENERAL GEOLOGY(II)	3		3							
	(M284) GENERAL GEOLOGY LAB.(I)	1	1								
	(M285) GENERAL GEOLOGY LAB.(II)	1		1							
	(2026) GENERAL PHYSICS	6	3	3							
	(2041) MINERALOGY	4			4						
	(2153) MINERALOGY LAB.	1			1						
	(2044) PETROLOGY	3				3					
	(2155) PETROLOGY LAB.	1				1					
	(2608) REMOTE SENSING	3				3					
	(9744) GEOGRAPHICAL INFORMATION SYSTEM	3				3					
	(2045) STRUCTURAL GEOLOGY	3					3				
	(C087) LAB. OF STRUCTURAL GEOLOGY	1					1				
	(4009) STATISTICS	3					3				
	(2056) STRATIGRAPHY	2					2				
(2048) FIELD GEOLOGY	2						2				
(2603) FIELD GEOLOGY LAB.	1						1				
(A350) GEOPHYSICS	3					3					
Total Credits of Required Subjects		56	12	14	5	10	12	3			
Total Required Credits		88	21	23	13	16	12	3			
Graduate Credits		128									

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Other provisions of graduate requirements :											
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 https://cur.pccu.edu.tw/										
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/ ."										