② 国立東華大學 教學計劃表 Syllabus

	名稱(中文) me in Chinese	國家公園地質專	題			學年/學期 Academic Year/Ser	nester	113/2		
	課程名稱(英文) Course Name in English Special Topics in Geology of National Parks									
	-目代碼 rse Code	NRES54180	系級 Department & Year	epartment 碩士		開課單位 Course-Offering Department	自然了	資源與環境學系		
	修別 Type	選修 Elective	3	3.0/3.0						
	·課教師 structor	/蔡金河								
	先修課程 Prerequisite									
課程描述 Course Description										
This course presents a geological survey of minerals/rocks, landforms, structures, and hazards in Taiwan's national parks. Each park's geological evolution through time will be explained with emphasis on the role of plate tectonics and surface processes. Field trip(s) to some of the national parks will be arranged. Students must finish a short essay on topics related to geology of a national park (or "geo-park") by the end of the semester. Non-major students are welcome.										
課程目標 Course Objectives										
 To develop geologic background, concepts, and principles through study of selected national parks in Taiwan. To examine the geologic framework and history, ancient/modern geologic processes, and factors influencing the present day landscape for each park area. To finish an essay of introducing the geology of a national park by reading the geological literature. 										
圖示說明Illustration :● 高度相關 Highly correlated ○中度相關 Moderately correlated										
		授課進	度 表 Teachin	g Sched	ule	& Content				
週次Week			1	備註Remarks						
1	Introduction; Organization									
2	General overview of geology; why geology matters (I)									
3	General overview of geology; why geology matters (II)									
4	General introduction of geology of Taiwan (I)									
5	General introduction of geology of Taiwan (II)									
6	General introduction of geology of Taiwan (III)									
7	No class									
8	Geology of Taroko National Park (I)									
9	Geology of Taro	oko National Pa	rk (II)							
10	Geology of Yang	mingshan Natio	nal Park (I)							
11	Geology of Yangmingshan National Park (II)									
12	Geology of Kenting National Park (I)									

14 Introduction of Taiwan's Geoparks (I)								
15 Introduction of Taiwan's Geoparks (II)								
16 Student Presentation (I)								
17 Student Presentation (II)								
18 Field trip to one national park (exact date to be decided)								
教 學 策 略 Teaching Strategies								
✓ 課堂講授 Lecture ✓ 分組討論Group Discussion ✓ 參觀實習 Field Trip								
其他Miscellaneous:								
教 學 創 新 自 評 Teaching Self-Evaluation								
創新教學(Innovative Teaching)								
□問題導向學習(PBL)								
社會責任(Social Responsibility)								
□ 在地實踐Community Practice □ 産學合作 Industy-Academia Cooperation								
跨域合作(Transdisciplinary Projects)								
□ 跨界教學Transdisciplinary Teaching □ 跨院系教學Inter-collegiate Teaching								
業師合授 Courses Co-taught with Industry Practitioners								
其它 other:								

和八百日	アハルム 多元評量方式 Assessments								
配分項目 Items	配分比例 Percentage	測驗 會考	實作 觀察	口頭 發表	專題 研究	創作展演	卷宗 評量	證照 檢定	其他
平時成績 General Performance	20%		~	~					
期中考成績 Midterm Exam									
期末考成績 Final Exam	40%			~	~				
作業成績 Homework and/or Assignments	40%		~	~	~		~		
其他 Miscellaneous ()									
	Grading & A		量方式 ents Sup			ruction	S		
Textbook & Ot	教科書與參考 her References							ks, etc.)	
	ner. v to Read a Roc cience: https:/	ck: Our //www.y assigne 上教學賞	planet outube. d for r 予訊,教師	's hidd com/@UT eading 5個人網	en stor DGeosci and dis 址請列位	ies. Sm enceStuc cussion x於本校)	ithsonia lios 內之網址	an Books.	Our National
Some useful resources are	Person listed in my n	al webs researc ce.htm	site car h group	be lis	sted her				
http://faculty.ndhu.edu.tv http://faculty.ndhu.edu.tv		aaahirr							

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