

國立中興大學教學大綱

English

課程名稱	(中) 氣候變遷影響及其因應策略(0524)			
	(Eng.) The Effects of Climate Change and the Analysis of Possible Adaptation Strategies			
開課單位	通識中心			
課程類別	必修	學分	2	授課教師 蘇義淵
選課單位	全校共同	授課語言	英文	開課學期 1072
課程簡述	This course is designed to help students to acquire basic legal knowledge on climate change. It starts from introduction of climate science including climate change supporters and deniers. The review of regulations on UNFCCC, Kyoto Protocol and Paris Agreement will be followed. After learning these fundamental knowledge of international climate treaties, the specific mitigation and adaptation policies and measures will be given to students for further studies. This course will guide students to use comparative studies method to review different climate change policies and measures among the countries. After taking this course, students will have the ability to justify the effectiveness on the measures to against climate change impacts.			
先修課程名稱				
課程與核心能力關聯配比(%)			課程目標之教學方法與評量方法	
課程目標	核心能力	配比(%)	教學方法	評量方法
1. Value of environment 2. Acknowledge of disaster management 3. Ecology conservation 4. Environment ethic 5. Environmental impact assessment	1.人文素養 2.科學素養 3.溝通能力 4.創新能力 5.國際視野 6.社會關懷	0 0 35 15 30 20	專題探討/製作 網路/遠距教學 參訪	出席狀況 口頭報告
授課內容(單元名稱與內容、習作/每週授課、考試進度-共18週)				
1. Week 1. Introduction of climate science. 2. Week 2. Introduction on text of the UNFCCC. 3. Week 3. Introduction on mitigation and adaptation regulations in UNFCCC. 4. Week 4. Introduction on Kyoto Protocol and Paris Agreement. 5. Week 5. Capacity building guide lines on mitigation and adaptation. 6. Week 6. Case studies and review. 7. Week 7. Climate change and conventional energy. 8. Week 8. Climate change and renewable energy. 9. Week 9. Climate change and electricity industry. 10. Week 10. Climate change and sea level rising, sea ice melting. 11. Week 11. Climate change and water resources protection. 12. Week 12. Climate change and public health. 13. Week 13. Climate change and biological diversity. 14. Week 14. Climate change and Food security 15. Week 15. Climate change and nation security. 16. Week 16. Introduction on Taiwan's mitigation policies and measures. 17. Week 17. Introduction on Taiwan's GHG management and Reduction Act. 18. Week 18. Final Examination.				
學習評量方式				
1. Weekly participation, 30%. 2. Paper-based final examination, 40% 3. In class conversation and discussion, 30%.				
教科書&參考書目(書名、作者、書局、代理商、說明)				

1. David B. Hunter, ect., Climate Change Laws, Foundation Press, 2009.
2. To be announced.

課程教材（教師個人網址請列在本校內之網址）

課程輔導時間

To be announced.

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列印日期 西元年/月/日：2019 /
10 / 04

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