

國立中興大學 通識課程 教學大綱

Syllabus of NCHU General Education Course

課程名稱 course name	(中) 氣候變遷影視題材探討				
	(Eng.) Climate Change Cinema				
開課系所班級 dept. & grade	通識教育中心 General Education Center	學分 credits	2	規劃教師 instructor	Theodoor Richard
課程屬性 course type	必修 Required	授課語言 language	英文 English	開課學期 semester	上或下 Spring
課程分類 course classification	109 學年度前入學新生適用 enrolled in or before academic year 2020		通識自由選修		
	110 學年度起入學新生適用 enrolled in or after academic year 2021		人文領域:文化學群		
課程簡述 course description	This course offers an exploration of Climate Change Cinema through the in class viewing of Climate Change films and Manga and the subsequent in class discussion of the various aspects of the audiovisual works. This course contains three major aspects: (1) exploring Climate Change and its issues through cinema; develop communication, teamwork, problem solving, and a willingness to continue professional growth through practice and reflection on sustainability; (2) identify the importance and impacts of these works for global change trends and issues to integrate into learning and future work; and (3) self-examination and team review of change capabilities and achievements.				
	The class will be discussion oriented on the basis of the viewed materials. Students are asked to take an active initiative to reflect upon and take action for change in the modern global environment.				
	本課程透過觀賞氣候變遷相關題材的影視作品，並進行課堂討論，帶領學生從多元角度深入理解氣候變遷影像作品。課程涵蓋三大重點：(1) 透過電影探討氣候變遷及相關議題，在實踐與反思永續性的過程中，培養溝通、團隊合作、問題解決能力，以及持續專業成長的態度；(2) 辨識這些作品在全球變遷趨勢與議題中的重要性與影響，並將所學融入未來的學習與職涯發展；(3) 進行自我檢視與團隊回顧，評估變革能力與學習成果。				
教學目標 course objectives	課程將以觀賞內容為討論基礎，鼓勵學生主動反思並採取行動，以因應當代全球環境變遷的挑戰。				
	1. To introduce students to diverse disciplinary and cultural perspectives enabling them to frame their own studies of Climate Change and its issues in changing environments, with a strong emphasis on the core issue of Climate Change and sustainability culture. 2. To familiarize students with some key concepts and materials related to Climate Change and global developments.				

	1. 引導學生理解多元學科與文化觀點，協助其在不斷變遷的環境中，建構對氣候變遷及相關議題的研究框架，並聚焦於氣候變遷與永續文化等核心主題。 2. 培養學生熟悉氣候變遷及全球發展相關的概念與素材，強化其分析與應用能力。				
先修課程 prerequisites	無 None				
六項核心能力配比（加總為 100%） The 6 core learning outcomes add up to 100%					
人文素養	科學素養	溝通能力	創新能力	國際視野	社會關懷
20%	10%	20%	10%	20%	20%
Humanities Literacy	Scientific Literacy	Communication Skills	Innovative Ability	International Perspective	Social Concerns
教學方法 teaching methods			學習評量方式 evaluation		
x 專題探討/製作 (topic Discussion/Production) x 網路/遠距教學 (Networking/Distance Education) ☐ 參訪 (Visit) x 習作 (Exercises) x 討論 (Discussion) ☐ 實習 (Practicum) ☐ 其他 (Other) x 講授 (Lecturing)			Evaluation is based on the teacher's impression of level of participation and overall performance in the class by the students. Grades are calculated on the following basis: 40% Class participation through (group) discussions and presentations, and assignments. 30% Midterm: 5 – 10 min. presentation. 30% Endterm: 1000 words original paper.		
授課內容（單元名稱與內容、習作/考試進度） course contents and homework/tests schedule					
Students will be asked to actively participate in the activities and share their findings in the class. The subjects and materials, as well as the class schedule, mentioned in the syllabus are only indicative and can be changed pursuant to the teacher's ideas on the progress of the class. All required home-works are to be submitted on the relevant dates to the teacher, without late acceptance. Submission of papers is on paper, and midterm presentation and classroom summaries are digital. The students will be expected to form groups, to research and select audiovisual works for viewing in the classroom, to arrange viewing of the respective work, and participate in the discussions actively. A typical class where films are viewed, will run like this: the students of the relevant group present and introduce the work that will be presented (for about 15 – 20 minutes). They then arrange for the viewing by all students (max. 60 – 70 minutes of film). And they will lead the class discussion by preparing 4 to 5 questions to the class about the viewing. This is subject to any changes the teacher deems fit based on the class development. The selection by each group of one audiovisual work to present to the class, will be submitted to the teacher together with a reason for the choice, latest 2 days before the second week class date in writing. The teacher will have the free and decisive call on whether the choice will be approved by the teacher.					

NOTE: the order of presenting will be decided in reverse order of submitting: the group submitting last, will present first, and so forth.

Class schedule:

Week	Topic	Description
1	Course Introduction	Overview, group formation, and initial consideration of the audiovisual works.
2	What is Climate Change and its Cinema? “20/30” (2021)	Understanding Climate Change and the role of cinema in this. General Discussion; teacher showing an example film, followed by discussion. Finalising selection of audiovisual works.
3	“Princess Mononoke” (1997)	Group Presentation on, discussions, and artistic work related to this film.
4	“An Inconvenient Truth” (2006)	Group Presentation on, discussions, and artistic work related to this film.
5	“All That Breathes” (2022)	Group Presentation on, discussions, and artistic work related to this film.
6	“David Attenborough: A Life on Our Planet” (2020)	Group Presentation on, discussions, and artistic work related to this film.
7	“Snowpiercer” (2013)	Group Presentation on, discussions, and artistic work related to this film.
8	Midterm	recorded 5 – 10 minutes talk on your favourite Audiovisual Works and what you have learned so far, submitted via I-learning on the Midterm day, latest by that day midnight
9	“Burning” (2021)	Group Presentation on, discussions, and artistic work related to this film.
10	“Thank You for the Rain” (2017)	Group Presentation on, discussions, and artistic work related to this film.
11	“Utama” (2022)	Group Presentation on, discussions, and artistic work related to this film.
12	“The Boy Who Harnessed the Wind” (2019)	Group Presentation on, discussions, and artistic work related to this film.
13	“How to Blow Up a Pipeline” (2022)	Group Presentation on, discussions, and artistic work related to this film.
14	“How to Let Go of the World and Love All the Things Climate Can’t Change” (2016)	Group Presentation on, discussions, and artistic work related to this film.
15	Course Review	Evaluation of audiovisual works; Discussion on Climate Change and cinema.
16	Endterm	original (not AI) paper on any subject from the class, presenting on how you think the selected presented work could be of importance for the development of the world and Taiwan (1000 words)

教科書與參考書目（書名、作者、書局/代理商…）

textbooks & other references (title, author, publisher…)

Materials are multi-disciplinary.

Further readings depend on the selection of subjects and will be given by the teacher during the course of the class.

課程教材（教師個人網址請列在本校內之網址）
teaching aids & teacher's website

課程輔導時間
office hours

另行公告

◎為了統計各類別課程的數量，請根據課程的整體內容，評估所選項目的相關程度。可勾選多個項目，若課程內容不符合任何項目，則無需勾選。

To categorize the number of courses in each category, please evaluate the overall course content and indicate the relevance of the selected categories. Multiple selections are allowed. If the course content does not match any category, no selection is required.

一、UCAN：【可複選 Multiple selections allowed】

UCAN	整體課程內容之相關程度 Relevance to the overall course content				
☐ 創新 Innovation	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 問題解決 Problem Solving	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 人際互動 Interpersonal Interaction	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 工作責任及紀律 Work Responsibility and Discipline	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☒ 持續學習 Continuous Learning	☐ 低(L)	☐	☒ 中(M)	☐	☐ 高(H)
☒ 團隊合作 Teamwork	☐ 低(L)	☐	☐ 中(M)	☒	☐ 高(H)
☒ 溝通表達 Communication Skills	☐ 低(L)	☐	☐ 中(M)	☒	☐ 高(H)
☐ 資訊科技應用 Information Technology Application	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)

二、USR：【可複選 Multiple selections allowed】

USR	整體課程內容之相關程度 Relevance to the overall course content				
☐ 在地關懷 Local Care	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☒ 文化永續 Cultural Sustainability	☐ 低(L)	☐	☐ 中(M)	☒	☐ 高(H)
☐ 健康促進 Health Promotion	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☒ 永續環境 Sustainable Environment	☐ 低(L)	☐	☐ 中(M)	☒	☐ 高(H)
☐ 產業鏈結與經濟永續 Industrial Linkages and Economic Sustainability	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 食品安全 Food Safety	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☒ 其他社會實踐 Other Social Practices	☐ 低(L)	☐	☒ 中(M)	☐	☐ 高(H)

三、STEAM：【可複選 Multiple selections allowed】

STEAM	整體課程內容之相關程度 Relevance to the overall course content				
☐ 科學 Science	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 科技 Technology	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 工程 Engineering	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 數學 Mathematics	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☒ 藝術 Arts	☐ 低(L)	☐	☐ 中(M)	☒	☐ 高(H)

四、主題項目 Theme Project：【可複選 Multiple selections allowed】

主題項目 Themed Project	整體課程內容之相關程度 Relevance to the overall course content				
☒ 氣候變遷 Climate Change	☐ 低(L)	☐	☐ 中(M)	☒	☐ 高(H)
☐ 淨零排放 Net Zero Emissions	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☒ 永續發展 Sustainable Development	☐ 低(L)	☐	☐ 中(M)	☒	☐ 高(H)
☐ 情緒管理 Emotional Management	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 人文關懷 Humanistic Care	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 性別平等 Gender Equality	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☒ 生命教育 Life Education	☐ 低(L)	☐	☒ 中(M)	☐	☐ 高(H)
☐ 資訊安全 Information Security	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 資訊科技 Information Technology	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 資訊判讀 Information Literacy	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☒ 媒體識讀 Media Literacy	☐ 低(L)	☐	☒ 中(M)	☐	☐ 高(H)
☐ 智慧財產 Intellectual Property	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 臺灣文學 Taiwanese Literature	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 實作 Implementation	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 行動導向 Action-oriented	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☒ 跨域 Interdisciplinary	☐ 低(L)	☐	☒ 中(M)	☐	☐ 高(H)
☐ 走讀台中山水遊學 Study Tour of Taichung's Landscape	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 空間綠化設計 Space Greening Design	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☒ 生活環境創意美學 Creative Aesthetics of Living Environment	☐ 低(L)	☐	☒ 中(M)	☐	☐ 高(H)

主題項目 Themed Project	整體課程內容之相關程度 Relevance to the overall course content				
☐ 運算思維程式設計 Computational Thinking and Programing Design	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☒ 創新創意 Innovation and Creativity	☐ 低(L)	☐	☐ 中(M)	☒	☐ 高(H)

五、SDGs：【可複選 Multiple selections allowed】

SDGs	整體課程內容之相關程度 Relevance to the overall course content				
☐ 1.消除貧窮 No Poverty	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 2.消除飢餓 Zero Hunger	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 3.健康與福祉 Good Health and Well-Being	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☒ 4.教育品質 Quality Education	☐ 低(L)	☐	☐ 中(M)	☒	☐ 高(H)
☐ 5.性別平等 Gender Equality	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 6.淨水與衛生 Clean Water and Sanitation	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 7.可負擔能源 Affordable and Clean Energy	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 8.就業與經濟成長 Decent Work and Economic Growth	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 9.工業、創新基礎建設 Industry, Innovation and Infrastructure	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 10.減少不平等 Reduced Inequalities	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 11.永續城市 Sustainable Cities and Communities	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☒ 12.責任消費與生產 Responsible Consumption	☐ 低(L)	☐	☒ 中(M)	☐	☐ 高(H)
☒ 13.氣候行動 Climate Action	☐ 低(L)	☐	☐ 中(M)	☒	☐ 高(H)
☐ 14.海洋生態 Life Below Water	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☐ 15.陸地生態 Life on Land	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)
☒ 16.和平與正義制度 Peace and Justice	☐ 低(L)	☐	☒ 中(M)	☐	☐ 高(H)
☐ 17.全球夥伴 Partnerships for the Goals	☐ 低(L)	☐	☐ 中(M)	☐	☐ 高(H)

請填寫與課程最相關之上列已勾選 SDGs 目標序號：_____13_____ (無勾選者則免填)
 Please fill in the selected SDG goal most relevant to the course: _____13_____ (If no goals have been selected, please leave blank.)

