

# 國立中興大學教學大綱（修訂版）

## NCHU Course Outline

<b>課程名稱</b> (course name)	(中)						
	(Eng.)						
<b>開課單位</b> (offering dept.)							
<b>課程類別</b> (course type)	<input type="checkbox"/> 必修 Required <input type="checkbox"/> 選修 Elective	<b>學分</b> (credits)		<b>授課教師</b> (teacher)			
<b>選課單位</b> (department)		<b>授課語言</b> (language)		英文/EMI	<input type="checkbox"/> Y <input type="checkbox"/> N	<b>開課學期</b> (semester)	
<b>課程簡述</b> (course description)							
<b>先修課程名稱</b> (prerequisites)				<b>課程含自主學習</b> (self-directed learning in the course)	Y		
<b>課程目標與核心能力關聯配比(%)</b> (relevance of course objectives and core learning outcomes)				<b>課程目標之教學方法與評量方法</b> (teaching and assessment methods for course objectives)			
<b>課程目標</b> (Course Objectives)	<b>核心能力</b> (Competency Indicators)	<b>配比</b> Ratio (%)	<b>教學方法</b> (Teaching Methods)		<b>評量方法</b> (Assessment Methods)		
			<input type="checkbox"/> 專題探討/製作 (topic Discussion/Production) <input type="checkbox"/> 網路/遠距教學 (Networking/Distance Education) <input type="checkbox"/> 參訪 (Visit) <input type="checkbox"/> 習作 (Exercises) <input type="checkbox"/> 討論 (Discussion) <input type="checkbox"/> 實習 (Practicum) <input type="checkbox"/> 其他 (Other) <input type="checkbox"/> 講授 (Lecturing)		<input type="checkbox"/> 書面報告 (Written Presentation) <input type="checkbox"/> 出席狀況 (Attendance) <input type="checkbox"/> 口頭報告 (Oral Presentation) <input type="checkbox"/> 作業 (Assignment) <input type="checkbox"/> 作品 (Study Outcome) <input type="checkbox"/> 測驗 (Quiz) <input type="checkbox"/> 實作 (Internship) <input type="checkbox"/> 其他 (Other)		
<b>授課內容（單元名稱與內容、習作/每週授課進度、考試進度-共16週加自主學習）</b> (course content and homework/schedule/tests schedule -16weeks+ self-directed learning)							
<b>週次</b> (Week)	<b>授課內容(Course Content)</b>						
第1週							
第2週							
第3週							
第4週							
第5週							
第6週							
第7週							

第8週	
第9週	
第10週	
第11週	
第12週	
第13週	
第14週	
第15週	
第16週	
自主學習內容	

**學習評量方式  
(evaluation)**

**教科書&參考書目(書名、作者、書局、代理商、說明)  
(textbook & other reference)**

**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)**

**聯合國全球永續發展目標(授課教師可依實際課程內容勾選，並可複選。)  
Sustainable Development Goals, SDGs (Teachers may select based on the actual course content and can choose multiple options.)**

目標 (Goal)	目標內容 (Target content)
<input type="checkbox"/> 01. 消除貧窮 (No Poverty)	消除全球一切形式的貧窮 End poverty in all its forms everywhere.
<input type="checkbox"/> 02. 消除飢餓 (Zero Hunger)	消除飢餓，實現糧食安全，改善營養及促進永續農業。 End hunger, achieve food security and improved nutrition and promote sustainable agriculture.
<input type="checkbox"/> 03. 健康與福祉 (Good Health and Well-Being)	確保健康的生活方式，促進各年齡層人群的福祉。 Ensure healthy lives and promote well-being for all at all ages
<input type="checkbox"/> 04. 教育品質 (Quality Education)	確保包容與公平的優質教育，讓全民享有終身學習機會 Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.
<input type="checkbox"/> 05. 性別平等 (Gender Equality)	實現性別平等，提升婦女與女童權能 Achieve gender equality and empower all women and girls.
<input type="checkbox"/> 06. 淨水與衛生 (Clean Water and Sanitation)	確保人人享有水及環境衛生及其永續管理 Ensure availability and sustainable management of water and sanitation for all
<input type="checkbox"/> 07. 可負擔能源 (Affordable and Clean Energy)	確保人人取得可負擔、可靠及永續的現代能源 Ensure access to affordable, reliable, sustainable and clean energy for all
<input type="checkbox"/> 08. 就業與經濟成長 (Decent Work and Economic Growth)	促進持久、包容與永續的經濟成長，促進充分的生產性就業，讓所有人都有合宜的工作 Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all
<input type="checkbox"/> 09. 工業、創新基礎建設 (Industry, Innovation and Infrastructure)	建立韌性的基礎建設，促進包容且永續的工業，並加速創新

	Build infrastructure, promote inclusive and sustainable industrialization and foster innovation
□10. 減少不平等 (Reduced Inequalities)	降低國內及國家之間的不平等 Reduce inequality within and among countries
□11. 永續城市 (Sustainable Cities and Communities)	建設包容、安全、韌性及永續的城市與人類住區 Make cities and human settlements inclusive, safe, resilient and sustainable
□12. 責任消費與生產 (Responsible Consumption)	確保永續消費及生產模式 Ensure sustainable consumption and production patterns
□13. 氣候行動 (Climate Action)	採取緊急行動以因應氣候變遷及其影響 Take urgent action to combat climate change and its impacts
□14. 海洋生態 (Life Below Water)	保護及永續利用海洋與海洋資源，確保永續發展 Conserve and sustainably use the oceans, seas and marine resources for sustainable development
□15. 陸地生態 (Life On Land)	保護、恢復及促進永續利用陸地生態系統，永續管理森林，防治沙漠化，終止及改善土地退化，遏止生物多樣性的喪失 Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.
□16. 和平與正義制度 (Peace and Justice)	建立和平與包容的社會促進永續發展，讓所有人都能訴諸司法，建立有效、負責與包容的各級機構 Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.
□17. 全球夥伴 (Partnerships for the Goals)	加強執行方法，重振永續發展全球夥伴關係 Strengthen the implementation and revitalize the global partnership for sustainable development
□提供體驗課程 (include experience courses)	提供實驗、實習、實作之永續體驗課程 Courses of Sustainability provide experiment, internship and practice:

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