朝陽科技大學 097學年度第2學期教學大綱
Systematic Approach to the Sustainable Eco-city 永續生態都市系統規劃

當期課號	7323	Course Number	7323
授課教師	王小璘	Instructor	WANG,HSIAO LIN
中文課名	永續生態都市系統規劃	Course Name	Systematic Approach to the Sustainable Eco-city
開課單位	建築及都市設計研究所碩士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	都市是人口、產業、資金、生產力和科學技術高度集中的地域，亦是區域經濟活動的主要核心。然而都市的社經發展正給都市帶來了人口擁擠、交通阻塞、環境汙染及生態破壞等問題。因此，建立一個人與自然關係和諧的都市已成爲人類追求的共同目標。而當今全球都市社會正朝向永續都市的目標邁進，生態化亦成爲永續都市發生與發展的主要機制。本課程將針對上述問題作有系統的介紹，就都市生態學理論與方法進行探討，並透過系統規劃的手段，落實個案研究之實例操作。 其目的在使學生1.了解當今全球都市發展的生態問題2.剖析生態都市及永續都市的一般特徵3.探索生態都市的相關理論與規劃方法4.落實理論方法於都市環境之維護與建設。	Objectives	City, the area which gathers intensive population, industry, capital, productivity, and technical science, is the core of regional economical activity. The development of society and economic has leaded to several problems such as a crowed and block city, environmental pollution and the destruction of ecology. The common goal for people to achieve is establishing the relationship between human beings and nature. Meanwhile, cities of nowadays move towards to be ecological which is the mainstream for developing a sustainable city. This course will focus on analyzing these problems, discussing the theory and approach of urban ecology deeply and implementing the case studies by planning systematically. The purposes of course are as follows: 1.Examining the ecological problems of global development of cities. 2.Analyzing the characteristics of a sustainable city. 3.Understanding the theories and approaches which are relative to sustainable cities. 4.Implementing the theories to maintain and establish the sustainable cities.
教材	隨堂提供	Teaching Materials	To be provided & required (Copy rights are reserved)
成績評量方式	依學校規定、教授規定(含作業、出席、Q & A、報告等)	Grading	Univ's regulations + Professor's rules (e.g. attendance, Q & A, submission, notes, presentation…etc)
教師網頁			
教學內容	都市是人口、產業、資金、生產力和科學技術高度集中的地域，亦是區域經濟活動的主要核心。然而都市的社經發展正給都市帶來了人口擁擠、交通阻塞、環境汙染及生態破壞等問題。因此，建立一個人與自然關係和諧的都市已成爲人類追求的共同目標。而當今全球都市社會正朝向永續都市的目標邁進，生態化亦成爲永續都市發生與發展的主要機制。本課程將針對上述問題作有系統的介紹，就都市生態學理論與方法進行探討，並透過系統規劃的手段，落實個案研究之實例操作。其目的在使學生1.了解當今全球都市發展的生態問題2.剖析永續都市的一般特徵3.探索永續都市的相關理論與規劃方法4.落實理論方法於永續生態都市之維護與建設。	Syllabus	City, the area which gathers intensive population, industry, capital, productivity, and technical science, is the core of regional economical activity. The development of society and economic has leaded to several problems such as a crowed and block city, environmental pollution and the destruction of ecology. The common goal for people to achieve is establishing the relationship between human beings and nature. Meanwhile, cities of nowadays move towards to be ecological which is the mainstream for developing a sustainable city. This course will focus on analyzing these problems, discussing the theory and approach of urban ecology deeply and

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