City University of Hong Kong
Course Syllabus

offered by Department of Architecture and Civil Engineering
with effect from Semester A in 2016/17

Part I Course Overview

Course Title:	Resources and Environment Management
Course Code:	CA6243
Course Duration:	1 Semester (Some courses offered in Summer Term may start a few weeks earlier than the normal University schedule. Please check the teaching schedules with CLs before registering for the courses.)
Credit Units:	3
Level:	P6
Medium of Instruction:	English
Medium of Assessment:	English
Prerequisites: *(Course Code and Title)*	Nil
Precursors: *(Course Code and Title)*	Nil
Equivalent Courses: *(Course Code and Title)*	Nil
Exclusive Courses: *(Course Code and Title)*	Nil

Part II Course Details

1. Abstract

To understand the major ideas in contemporary environmentalism, especially on how humans do and should interact with the environment; to examine the geographical and political aspects of human-environmental relations; identification of environmental problems; environmental policy formulation; environmental resources; environmental management at district and regional level.

2. Course Intended Learning Outcomes (CILOs)

(CILOs state what the student is expected to be able to do at the end of the course according to a given standard of performance.)

No.	CILOs	Weighting (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	*A2*	*A3*
1.	Discover the contemporary environmentalism and human-environment interaction;		✓		
2.	Apply methods for analyzing environmental resources and policy formulation;			✓	
3.	Discover environmental management at district and regional level;		✓		
4.	Criticize environmental policies.		✓	✓	
		100%			

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to self-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

3. Teaching and Learning Activities (TLAs)
(TLAs designed to facilitate students' achievement of the CILOs.)

TLA	Brief Description	CILO No.				Hours / week (if applicable)
		1	2	3	4	
Lectures and tutorials	Contemporary environmentalism and human-environment interaction. Methods for analyzing environmental resources and policy formulation.	✓	✓	✓		
Case studies	Environmental management and policies.	✓	✓	✓	✓	

Semester Hours:	3 hours per week
Lecture/Tutorial/Laboratory Mix:	Lecture (2); Tutorial (1); Laboratory (0)

4. Assessment Tasks/Activities
(ATs are designed to assess how well the students achieve the CILOs.)

Assessment Tasks / Activities	CILO No.				Weighting	Remarks
	1	2	3	4		
Continuous Assessment: 100%						
Project/ assignment	✓	✓	✓	✓	80%	
Quiz	✓	✓	✓	✓	20%	
Examination: 0%						
					100%	

5. Assessment Rubrics

(Grading of student achievements is based on student performance in assessment tasks/activities with the following rubrics.)

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Adequate (C+, C, C-)	Marginal (D)/ Pass (P) on P/F basis	Failure (F)
Project/ assignment	Ability to analyse issues of environmental resources, management and policies Accomplishment to demonstrate characteristics of environmental resources, management and policies	Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter evidence of extensive knowledge base	Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature	Student who is profiting from the university experience; understanding of the subject; ability to develop solutions to simple problems in the material	Sufficient familiarity with the subject matter to enable the student to progress without repeating the course	Little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited, or irrelevant use of literature
Quiz	Ability to identify environmental resources, management and policies Accomplishment to demonstrate essential knowledge of environmental resources, management and policies	Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter evidence of extensive knowledge base	Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature	Student who is profiting from the university experience; understanding of the subject; ability to develop solutions to simple problems in the material	Sufficient familiarity with the subject matter to enable the student to progress without repeating the course	Little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited, or irrelevant use of literature

Part III Other Information (more details can be provided separately in the teaching plan)

1. Keyword Syllabus
(An indication of the key topics of the course.)

Contemporary environmentalism, human-environment interaction, geographical and political aspects of human-environmental relations, identification of environmental problems, environmental policy formulation, environmental resources, environmental management at district and regional level.

2. Reading List

2.1 Compulsory Readings
(Compulsory readings can include books, book chapters, or journal/magazine articles. There are also collections of e-books, e-journals available from the CityU Library.)

1.	Nil

2.2 Additional Readings
(Additional references for students to learn to expand their knowledge about the subject.)

1.	Thomas Sterner and Jessica Coria. Policy instruments for environmental and natural resource management. New York : RFF Press, 2012.
2.	Progress in resource management and environmental planning. Chichester : Wiley, c1979-c1983.
3.	Bruce Mitchell. Resource and environmental management. Harlow, Essex : Longman, 1997.
4.	Environmental management : systems, sustainability, and current issues / Henry C. Dupont, editor. New York : Nova Science Publishers, c2012.
5.	C.V. Jayamani, R. Vasanthagopal. Environmental management : from ancient to modern times. New Delhi, India : New Century Pub., 2012.
6.	Global environmental policies : institutions and procedures / edited by Ho-Won Jeong. Basingstoke, Hampshire, New York : Palgrave, 2001
7.	http://www.un.org/esa/subindex/qb10.htm
8.	http://www.environmentalpolicy.org.uk/