THE EDUCATION UNIVERSITY OF HONG KONG

Course Outline

Part I

Programme Title	**:**	Bachelor of Social Sciences (Honours) in Sociology and Community Studies and Bachelor of Education (Honours) (Geography); all undergraduate programmes
Programme QF Level	**:**	5
Course Title	**:**	**Conservation and Management of Natural Resources**
Course Code	**:**	GGP3023
Department	**:**	Social Sciences and Policy Studies
Credit Points	**:**	3
Contact Hours	**:**	39
Pre-requisite(s)	**:**	Nil
Medium of Instruction	**:**	English
Course Level	**:**	3

Part II

The University's Graduate Attributes and seven Generic Intended Learning Outcomes (GILOs) represent the attributes of ideal EdUHK graduates and their expected qualities respectively. Learning outcomes work coherently at the University (GILOs), programme (Programme Intended Learning Outcomes) and course (Course Intended Learning Outcomes) levels to achieve the goal of nurturing students with important graduate attributes.

In gist, the Graduate Attributes for Sub-degree, Undergraduate, Taught Postgraduate, Professional Doctorate and Research Postgraduate students consist of the following three domains (i.e. in short "PEER & I"):

- **P**rofessional **E**xcellence;
- **E**thical **R**esponsibility; **&**
- **I**nnovation.

The descriptors under these three domains are different for the three groups of students in order to reflect the respective level of Graduate Attributes.

The seven GILOs are:

1. Problem Solving Skills
2. Critical Thinking Skills
3. Creative Thinking Skills

4a. Oral Communication Skills

4b. Written Communication Skills

5. Social Interaction Skills
6. Ethical Decision Making
7. Global Perspectives

1. **Course Synopsis**

The course introduces students to the concepts of natural resources conservation and management. Both biotic and abiotic natural resources will be introduced and existing conservation and management will be discussed. This course provides students with an in-depth understanding of the key issues with regard to management of natural resources in the context of environmental sustainability and equips students with ethical and critical evaluation on current conservation of natural resources.

2. **Course Intended Learning Outcomes** ($CILO_s$)

Upon completion of this course, students will be able to:

$CILO_1$: demonstrate competence in knowledge on the types and importance of both biotic and abiotic natural resources;

$CILO_2$: relate the principles and concepts of natural resource conservation and management for environmental sustainability;

$CILO_3$: compare critically the local and overseas practices in natural resources management;

$CILO_4$: evaluate critically the conservation and management policies for natural resources.

3. **Content, CILOs and Teaching & Learning Activities**

Course Content	CILOs	Suggested Teaching & Learning Activities
(a) Introduction to the conservation of natural resources, including what natural resources are, who manages them, and the skills that natural resources managers use.	*$CILO_{1,2,3}$*	• Lecturer-led Q&A • Textual inquiry • Group discussion
(b) Implementation of natural resource conservation and management around the world.	*$CILO_{1,2,3}$*	• Lecturer-led Q&A • Textual inquiry • Web-search
(c) Critical issues, philosophy and methods in contemporary natural resource management and conservation.	*$CILO_{2,3,4}$*	• Lecturer-led Q&A • Field trip • Group discussion • Video analysis
(d) Case studies of natural resources utilization and management	*$CILO_{2,3,4}$*	• Lecturer-led Q&A • Textual inquiry • Oral presentation

4. Assessment

Assessment Tasks	Weighting (%)	CILO
Field Trip Report • 1000-word field trip report examining what each student has learnt during the field trip.	30%	$CILO_{2,3,4}$
Participation and Group presentation • Presentation of the group project in relation to the conservation and management of natural resources.	30%	$CILO_{2,3,4}$
Examination • 2-hour written examination	40%	$CILO_{1,2,3,4}$

5. Use of Generative AI in Course Assessments

Please select one option only that applies to this course:

☐ ***Not Permitted***: In this course, the use of generative AI tools is not allowed for any assessment tasks.

☑ ***Permitted***: In this course, generative AI tools may be used in some or all assessment tasks. Instructors will provide specific instructions, including any restrictions or additional requirements (e.g., proper acknowledgment, reflective reports), during the first lesson and in relevant assessment briefs.

6. Required Text(s)

Nil

7. Recommended Readings

Callum, H. (2011). *An Introduction to Sustainable Resource Use*. London & New York: Earthscan.

Cunningham, W.P., & Cunningham. M. A. (2010). *Environmental Science: A Global Concern*. New York: McGraw-Hill.

David, A. C. (1992). *Conservation of Natural Resources: A Resource Management Approach.* Dubuque: Wm. C. Brown Publishers.

Hoekstra, J. M., Molnar, J. L., Jennings, M., Revenga, C., Spalding, M. D., & Ellison, K. (2010). *The Atlas of Global Conservation: Changes, Challenges and Opportunities to Make a Difference.* Berkeley, Calif.: University of California Press.

Jacqueline, V. (2007). *Conflicts Over Natural Resources: A Reference Handbook*. Santa Barbara, Calif.: ABC-CLIO.

Peet, R., & Watts, M. (Eds.) (2004). *Liberation Ecologies: Environment, Development, Social Movements* (2nd ed.). London & New York: Routledge.

Peet, R., Robbins P., & Watts, M. (Eds). (2011). *Global Political Ecology*. New York: Routledge.

Richard, L. K. & Courtney, W. (Eds.) (2009). *Conservation for a New Generation*. Washington, D.C.: Island Press.

8. Related Web Resources

Greener: Global Reference on the Environment, Energy, and Natural Resources
http://0-find.galegroup.com.edlis.ied.edu.hk/grnr/infomark.do?selectedTab=ALL&userGroupName=hkioel&prodId=GRNR&searchType=AdvancedSearchForm&queryId=Locale%28en%2CUS%2C%29%3AFQE%3D%28SN%2C9%291046-8021%24&type=search&version=1.0&source=null

GreenFILE information on human impacts on the environment
http://library,ied.edu.hk/record=b1762886~S5

Agriculture, Fisheries and Conservation Department, the Government of the HKSAR
http://www.afcd.gov.hk/english/conservation/conservation.html

9. Related Journals

Environmental Studies and Policy. Earth Action Network, Inc.
Conservation and Society
Journal for Nature Conservation
Environmental Conservation
Journal of Environmental Management
Natural Resources Forum
Geoheritage

10. Academic Honesty

The University upholds the principles of honesty in all areas of academic work. We expect our students to carry out all academic activities honestly and in good faith. Please refer to the *Policy on Academic Honesty, Responsibility and Integrity* (https://www.eduhk.hk/re/uploads/docs/00000000001633679892454 8BbN5). Students should familiarize themselves with the Policy.

11. Others

Newspaper articles, magazines and other on-line videos on relevant current issues will be used wherever and whenever necessary and feasible.

Updated July 2025