

TIMETABLE ARRANGEMENT: Annual; 2nd Semester

CREDITS: 6

COURSE TEACHER(S): Professor Wendy Y CHEN

ASSESSMENT:

| EXAMINATION 50 % | COURSEWORK 50 % |
|------------------|---|
| • 2 hours | • 1 group field trip report • 1 individual essay |

OBJECTIVES:

The course will help students to understand major aspects of environmental management as a means for protecting natural and man-made environments.

COURSE SYNOPSIS:

The course will introduce a range of key issues, concepts, principles and methods in environmental management. The major components, processes and attributes to environmental management will also be elaborated. The roles of civil society, market mechanism and government regulations in environmental management will be examined. Real-life examples from Hong Kong, China, and overseas countries will be discussed to illustrate how integrated approaches should be applied for identifying optimal options in environmental management decision-making processes.

LECTURE TOPICS:

- Command-and-control principle: Environmental laws, standards, and regulations
- Environmental impact assessment (EIA)
- Market-based mechanisms in environmental management
- Voluntary initiatives in environmental management
- Environmental management systems (EMS)
- Environmental management in Hong Kong and China

RECOMMENDED READING LIST:

- Mulvihill, P.R., & Ali S.H. (2016). Environmental Management, Critical Thinking and Emerging Practices. Routledge, New York.
- Belcham, A. (2015). Manual of Environmental Management. Routledge, New York.
- Antweiler, W.P. (2014). Elements of Environmental Management. University of Toronto Press, Toronto.

| Course Learning Outcomes (CLOs) After completing this course, students would be able to: | | Alignment with Programme Learning Outcomes (PLOs)* | | | | | | Course Assessment Methods |
|---|---|--|---|---|---|---|---|---------------------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | |
| 1 | understand major aspects in environmental planning and management | ✓ | ✓ | | | | | Field trip report, essay & exam |
| 2 | recognise various approaches to environmental planning and management | ✓ | ✓ | | | | | Field trip report, essay & exam |
| 3 | identify the merits and limitations of different methodologies for environmental management | | | ✓ | | | | Field trip report, essay & exam |
| 4 | understand the environmental management in Hong Kong and China | | | | ✓ | | | Field trip report, essay & exam |
| 5 | compare and contrast various approaches to environmental planning and management | | | | | ✓ | | Field trip report, essay & exam |
| 6 | evaluate critically the performance and effectiveness of environmental planning and management systems in Hong Kong | | | | | | ✓ | Field trip report, essay & exam |

***Geography Major Programme Learning Outcomes (PLOs)**

In order to meet the demands and challenges in this dynamic and ever-changing world, the Department has designed a series of well-structured and contemporary courses to cater to the different interests of students. Its courses are designed to align with the University's educational aims which hope to nurture future generations not only with a critical and intellectual mindset, but also with a passion to contribute to society in general.

After completing the programme, Geography Major students should be able to:

PLO1 critically analyse the geographical aspects of the relationship between people and the natural environment;

PLO2 demonstrate and develop an understanding of how these relationships have changed with space and over time;

PLO3 identify, collect and utilize primary and secondary data to investigate and analyse the issues and problems facing people, places and society;

PLO4 integrate, evaluate and communicate information from a variety of geographical and other sources;

PLO5 participate in promoting social, economic and environmental sustainability at the local, regional and global scales; and

PLO6 effectively apply a range of transferable skills in academic, professional and social settings.