

**GEOG3207 Environmental Management: Impact Assessment****TIMETABLE ARRANGEMENT:** Annual; 2nd Semester**CREDITS:** 6**COURSE TEACHER:** Professor Nicky Y.F. LAM**ASSESSMENT:**

EXAMINATION 50 %	COURSEWORK 50 %
• 1.5 hours	• 1 group project (including oral presentation)

**OBJECTIVES:**

The course will help students to understand the role of Environmental Impact Assessment studies in environmental decision-making processes and as a means for better environmental management.

**COURSE SYNOPSIS:**

The purpose of this course is to discuss the role of Environmental Impact Assessment (EIA) studies in the environmental decision-making process and as a means for better environmental management. The major components, processes and attributes to EIA systems will be discussed throughout the lectures. The course will also introduce different methodologies in planning and managing of an EIA study. Applications of EIA system in the local context will be discussed in detail and illustrated by real-life examples mainly from Hong Kong.

**LECTURE TOPICS:**

- The Environmental Impact Assessment (EIA) process
- Planning and management of EIA studies
- Impact prediction: Assessment and evaluation
- Impact mitigation and compensation
- Public participation, decision-making and EM & A
- Strategic EIA. Field trip and case studies

**RECOMMENDED READING LIST:**

- Glasson, J., Therivel, R., & Chadwick, A. (2012). Introduction to Environmental Impact Assessment. 4th Ed. London, Routledge Press.
- Morris, P., & Therivel, R., (2009). Methods of Environmental Impact Assessment. 3rd ed. London; New York : Spon Press.

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	learn major aspects in Environmental Impact Assessment process	✓	✓					Exam
2	understand the concepts and framework of planning, management and evaluation of EIA studies	✓			✓			Exam
3	obtain practical experience of local EIA studies					✓		Project & exam
4	identify the effectiveness and limitations of current EIA systems						✓	Project & exam
5	develop basic skills in the reading, understanding and evaluating EIA reports					✓	✓	Project & exam
6	identify the discrepancy between the planning and execution of EIA process					✓	✓	Project, oral presentation & exam
7	evaluate critically the performance and effectiveness of EIA process					✓	✓	Project, oral presentation & 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.