

The Hong Kong Polytechnic University

Subject Code	HTM4312
Subject Title	Environmental Management in the Hospitality Industry
Credit Value	3
Level	4
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	Basic concepts, principles and technique of environmental management will be taught to enable students to describe and understand the specific features of environmental management in the hospitality industry and the way in which the environmental management system relates to the management as a whole. Some environmental issues such as global warming, ozone depletion and deforestation etc. are also presented and a critical assessment of the environmental impact attributable to hospitality and tourism activities will be undertaken.

Intended Learning Outcomes

Upon completion of the subject, students will be able to:

A. Professional Competence

- Acquire knowledge of the basic concepts and principles of hospitality environmental management
- Identify the environmental problems that relate to the hospitality sector.
- Work collaboratively within a team, and have the understanding of leadership and be prepared to lead a team within hotel and tourism management context

B. Critical Thinkers

- Demonstrate creativity, strategic thinking and critical thinking to inform sound judgment
- Critically assess the environmental management programme in a hospitality context
- Apply the principles to estimate the environmental impact

C. Effective Communicators

- Be able to communicate effectively using a variety of media/technologies in a variety of situations to express clear ideas
- Interpret and use data related to environmental management
- Analyse and communicate major impact and control issues relating to stakeholders in the hospitality and tourism industry.
- Apply a wide range of routine applications and demonstrate individual and group dynamics in communication.

D. Innovative Problem Solvers

- Explain the process of various kinds of environmental actions
- Analyse and evaluate the various environmental practices in hospitality operations.
- Critically assess and apply the basic environmental conservation practices in hotels
- Design, implement and evaluate methods to enhance environmental quality in the hotel and tourism sectors.

E. Lifelong Learners

- Demonstrate awareness about environmental issues both at micro, macro and global levels.

F. Ethical Leaders

- Understand personal and corporate social responsibility as professionals working in the hotel and tourism sectors.
- Process ethical skills to make sound decisions and be able to apply these principles in practice

**Subject Synopsis/
Indicative Syllabus**

- a. Emissions
- b. CO₂ Equivalent and Ozone
- c. Energy management
- d. Solid waste management
- e. Water saving
- f. Indoor air quality
- g. Environmental measures
- h. Environmental management system and ISO14001
- i. Environmental audit and reporting
- j. Environmental assessment
- k. International and national green actions