



COURSE SYLLABUS

WARMADEWA UNIVERSITY

ENVIRONMENTAL

MANAGEMENT AND SUSTAINABILITY

WIP51M06

International Program



ENVIRONMENTAL MANAGEMENT AND SUSTAINABILITY

5 ECTS

COURSE DESCRIPTION

Are you interested in how companies and societies can become more sustainable? In this course you are given flexibility to design your own strong profile within Environmental Management and Sustainability. The aim of the course is to provide you with an understanding of the leading theories and practical experiences within environmental management and sustainability. The program enables you to define and solve environmentally related problems in the business world as well as in public organizations and the broader society.

OBJECTIVES

By the end of this course, students should be able:

- To understand planning environmental, environmental policy, the environmental management system (EMS), and corporate social responsibility.
- To describe life-cycle assessment (LCA), energy analysis and planning, and global perspective of environmental management and principles of economics natural resources and environment.
- To explain ecotourism sustainable development management, environment ethics and land management, organizational theory and environmental management, and risk management.
- To identify issues of global climate change.
- To explain food security management, and subak as organizations and system modeling environmental management and sustainability.

LECTURING METHOD

The course will be presented in the form of lecture activities, discussion, case study, homework and presentation.

ASSESSMENT METHOD

Class attendance 10 %,
Class participation and assignments 30 %,
Mid-term exam 30 %
Final exam 30 %

ACADEMIC RESEARCH

This course includes an academic research paper that must be completed during your semester. It will be based on a topic given by the lecturer and requires comprehensive research by the student. This paper will consist of methodological analysis of the latest literature and be handed in at the end of the semester. The academic research will be included in the final course grade.



LECTURERS

Prof. Dr. Ir. I Gde Suranaya Pandit, M.P.

Dr. Ir. I Gusti Bagus Udayana, M.P.

Ir. I Gede Pasek Mangku, M.P.

LECTURE TOPICS

Week	Topics of Study
1	Planning Environmental
2	Environmental Policy
3	The Environmental Management System (EMS)
4	Corporate Social Responsibility
5	Life-Cycle Assessment (LCA)
6	Energy Analysis And Planning
7	Global Perspective Of Environmental Management and Principles Of Economics Natural Resources And Environment
8	MIDDLE TEST
9	Ecotourism Sustainable Development Management
10	Environment Ethics And Land Management
11	Organizational theory And Environmental Management
12	Risk Management
13	Issues of Global Climate change
14	Food Security Management
15	Subak Organizations and System modeling Environmental Management and Sustainability
16	FINAL TEST

WORKLOAD

ENVIRONMENTAL MANAGEMENT AND SUSTAINABILITY

16 weeks

	Weeks per semester																TOTAL hrs	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
INDEPENDENT WORK	Homework, assignments	2	2	2	2	2	2			2	2	2	2	2	2		24	
	Workshops	4																4
	Exam preparation	9														10	19	
	Company visits, excursions										4							4
	Preparation for presentations and papers	2		2		2		2		2		2		2				12
	Preparation for class	2	2	2	2	2	2			2	2	2	2	2	2			24
	Follow-up for class	1	1	1	1	1	1			1	1	1	1	1	1			12
	Final essay paper														10	10		
	Academic Research														20	20		
	Course evaluation															2	2	
	Workshops and Excursion Paper	2															2	4
																		135
HRS OF EXAMS									2								2	4
MANDATORY CLASS ATTENDANCE	Class Weekly hrs ~ 2	2	2	2	2	2	2	2			2	2	2	2	2		26	
	TOTAL WORKLOAD PER COURSE (HOURS)																165	
	TOTAL ECTS																5	