Liverpool John Moores University

Title:	ENVIRONMENTAL MANAGEMENT
Status:	Definitive
Code:	**6006BEUG** (102786)
Version Start Date:	01-08-2011
Owning School/Faculty:	Built Environment
Teaching School/Faculty:	Built Environment

Team	Leader
Sue Glover	Y

Academic Level:	FHEQ6	**Credit Value:**	12.00	**Total Delivered Hours:**	38.00
Total Learning Hours:	120	**Private Study:**	82		

Delivery Options
Course typically offered: Semester 2

Component	Contact Hours
Lecture	24.000
Seminar	12.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	closed book	70.0	2.00
Report	AS2	2000 word project	30.0	

Aims

To further the development of students' understanding of environmental problems and policies, including the core principle of sustainability, in the context of the application of environmental management systems across the public and private sector.

Learning Outcomes

After completing the module the student should be able to:

1 Evaluate the concept and application of sustainability within the context of public and private sector organisations.
2 Analyse the relationships between the construction and property industry and informal and formal environmental management systems within local government and other agencies.
3 Evaluate the processes and tools available and their application to environmental management.
4 Critically analyse the environmental impacts relating to current issues such as waste minimisation, air quality, water resources and management, and energy.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

EXAM	1	2	3	4
PROJECT	2	3		

Outline Syllabus

Why manage the environment?
Informal and formal environmental management. Environmental management and sustainability. An introduction to formal environmental management systems.
Environmental management systems in local government and other agencies.
Methods and techniques of environmental audit.
Environmental management and Local Agenda 21 and successors. Best Value and the environment.
Environmental management tools: such as
life cycle assessment; environmental labeling; developing sustainability indicators; ecological footprints. Best practice examples from public and private sector organisations.
Environmental management issues and case studies, such as waste minimisation; water resources and management; air quality; sustainable transport, and energy issues.

Learning Activities

Lectures and seminar debate.

References

Course Material	Book
Author	O'Riordan, T.
Publishing Year	2000
Title	Environmental Science for Environmental Management

Subtitle	
Edition	2nd Edition
Publisher	Longman
ISBN	978-0582356337

Course Material	Book
Author	Whitelaw, K.
Publishing Year	2004
Title	ISO 14001 Environmental Systems Handbook
Subtitle	
Edition	
Publisher	Butterworth-Heinemann Ltd
ISBN	978-0750648431

Course Material	Book
Author	Bell, S., & Morse, S.
Publishing Year	2003
Title	Sustainability indicators: measuring the immeasurable
Subtitle	
Edition	
Publisher	Earthscan
ISBN	978-1853834981

Notes

The module furthers the development of students' understanding of environmental problems and policies, including the core principle of sustainability, in the context of the application of environmental management systems across the public and private sectors.