

## Liverpool John Moores University

Title: ENVIRONMENTAL MANAGEMENT  
Status: Definitive  
Code: **6161UG** (102688)  
Version Start Date: 01-08-2011

Owning School/Faculty: Built Environment  
Teaching School/Faculty: Built Environment

Team	Leader
Matthew Tucker	Y
Alex Mason	

**Academic Level:** FHEQ6      **Credit Value:** 12.00      **Total Delivered Hours:** 36.00  
**Total Learning Hours:** 120      **Private Study:** 84

### Delivery Options

Course typically offered: Summer

Component	Contact Hours
Lecture	24.000
Tutorial	12.000

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Environmental assignment	50.0	
Report	AS2	Project	50.0	

### 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:

REPORT 1	1	4
REPORT 2	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 tutorials.

## References

Course Material	Book
-----------------	------

<b>Author</b>	O'Riordan, T.
<b>Publishing Year</b>	2000
<b>Title</b>	'Environmental Science for Environmental Management'
<b>Subtitle</b>	
<b>Edition</b>	2nd
<b>Publisher</b>	Edition Longman
<b>ISBN</b>	9780582356337

<b>Course Material</b>	Book
<b>Author</b>	Whitelaw, K.
<b>Publishing Year</b>	2004
<b>Title</b>	'ISO 14001 Environmental Systems Handbook'
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	Butterworth-Heinemann Ltd
<b>ISBN</b>	9780750648431

<b>Course Material</b>	Book
<b>Author</b>	Bell, S., & Morse, S.
<b>Publishing Year</b>	2003
<b>Title</b>	'Sustainability indicators: measuring the immeasurable'
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	Earthscan
<b>ISBN</b>	9781853834981

---

## 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.