

Liverpool John Moores University

Title: ENVIRONMENTAL CONSULTANCY
Status: Definitive
Code: **6102NATSCI** (112601)
Version Start Date: 01-08-2016

Owning School/Faculty: Natural Sciences & Psychology
Teaching School/Faculty: Natural Sciences & Psychology

Team	Leader
Sheelagh Conlan	Y
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Academic Level: FHEQ6 **Credit Value:** 24 **Total Delivered Hours:** 48
Total Learning Hours: 240 **Private Study:** 192

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	20
Off Site	12
Seminar	8
Workshop	8

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Report	Consultancy Report	50	
Report	Analysis	Life Cycle Analysis report	25	
Presentation	Seminar	Seminar	25	

Aims

To develop the skills, knowledge and understanding needed by professional environmental consultants.

Learning Outcomes

After completing the module the student should be able to:

- 1 Carry out and interpret a Life Cycle Analysis
- 2 Design and undertake site surveys utilising a range of field of field investigative techniques.
- 3 Access and interrogate a range of sources of environmental data.
- 4 Compile an environmental consultancy report to professional standards.
- 5 Present the findings of a consultancy report to potential clients in the form of a seminar.

Learning Outcomes of Assessments

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

Consultancy report	2	3	4
Life Cycle Analysis	1		
Seminar	5		

Outline Syllabus

The consultancy process: finding contracts, estimating costs, tendering, sources of information, report preparation.

Design of site surveys and field investigation techniques.

Regeneration of brownfield sites: the Landfill Directive, Contaminated Land Regulations, land development.

The Water Framework Directive and river catchment management.

The nature and implementation of environmental management systems.

Life cycle analysis and ecological footprinting.

Environmental Impact Assessment.

Learning Activities

Principles of environmental consultancy are explored through lectures and workshops by professional environmental consultants. Field visits to a project site allow appropriate field investigations, which are supplemented by on-line environmental data sources. Students work in teams to conduct a range of consultancy tasks to complete the consultancy process from tender to final report.

Notes

This module analyses the methods used by professional environmental consultants throughout the process of completing a contract, from tendering to report completion. Students work in teams to conduct a range of field and desk-based studies on a field site to complete the consultancy process from tender to final report.