

Liverpool John Moores University

Title: NATURAL RESOURCE MANAGEMENT
Status: Definitive
Code: **5203OUTDOR** (104235)
Version Start Date: 01-08-2016

Owning School/Faculty: Sports Studies, Leisure and Nutrition
Teaching School/Faculty: Sports Studies, Leisure and Nutrition

Team	Leader
Duncan Martin	Y

Academic Level: FHEQ5
Credit Value: 12
Total Delivered Hours: 20
Total Learning Hours: 120
Private Study: 100

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	14
Off Site	5

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination:	34	1
Essay	AS2	Coursework: Assignment (2000 words)	66	

Aims

To analyse, synthesise and evaluate the nature, distribution and significance of physical and biological resources, their exploration and conservation.

Learning Outcomes

After completing the module the student should be able to:

- 1 evaluate the nature of resources and their exploration;
- 2 critically evaluate the consequences of resource exploitation and over exploitation from a personal and social perspective;
- 3 analyse the social and economic determinants of resource utilisation.

Learning Outcomes of Assessments

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

EXAM	1	3
Assignment	2	3

Outline Syllabus

Ecological Footprints and Lifestyle Impact. The nature of physical and biological resources. The distinction between renewable and non-renewable resources. Exploitation of resources- social and economic factors, ecological attitudes and planning. Land as a resource - evaluation and utilisation. Landscape evaluation.

Energy resources - local, oil, nuclear and renewable energy sources, their use and side-effects associated with each. Energy conservation. Mineral resources: development and distribution. Utilisation and future production. Conservation. Water resources: the hydrological cycle, dams and their physical, social and economic impacts. Surface and groundwaters. Use for consumption, recreation, power, transport. Future use and conservation.

Biological resources: concept of sustained yield and the effects of over - exploitation. Management and conservation of biological resources, genetic modification of foods.

Learning Activities

Lectures, videos, slides, use of Internet resources and module web site, field visit. Personal Ecological Footprint Assessment and Lifestyle Impact Evaluation.

Notes

This module will provide students with opportunities to analyse, synthesise and evaluate the nature, distribution and significance of physical and biological resources, their exploitation and conservation. It will focus upon the usage of natural resources from a personal and social perspective and provide students with opportunity to examine the impact of their own lifestyles and evaluate their attempts to lessen their ecological impact.