

Liverpool John Moores University

Title: LANDFORMS AND LANDSCAPES

Status: Definitive

Code: **4303NATSCI** (121164)

Version Start Date: 01-08-2021

Owning School/Faculty: Biological and Environmental Sciences

Teaching School/Faculty: Biological and Environmental Sciences

Team	Leader
Jonathan Dick	Y
Neil Simcock	
Tim Lane	
David Jordan	
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Academic Level: FHEQ4 **Credit Value:** 20 **Total Delivered Hours:** 58

Total Learning Hours: 200 **Private Study:** 142

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	26
Off Site	12
Practical	16
Workshop	4

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	Poster	Poster presentation	50	
Report	Report	Field report	50	

Aims

To develop student knowledge and understanding of the processes that shape the natural environment, and equip students with the theoretical, observational and practical skills required to analyse the landscape.

Learning Outcomes

After completing the module the student should be able to:

- 1 Describe and explain the earth surface processes that govern the development and evolution of the physical landscape
- 2 Develop practical data analysis, interpretation, and written and oral communication skills in the context of understanding landscapes
- 3 Evaluate the way in which people shape landscape development

Learning Outcomes of Assessments

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

Poster	2	3
Field report	1	2

Outline Syllabus

Introduction to natural landscapes; Weathering & landforms; Hillslope processes & landforms; Fluvial processes & landforms; Glacial processes and landforms; Coastal processes & landforms; Karst processes & landforms; Introduction to landscapes & people; The interaction of people and their landscape.

Learning Activities

Learning activities will include lectures, fieldwork and practical classes (laboratory, paper-based and computer/GIS) will be employed to understand and interpret the shaping of the landscape .

Notes

This module will introduce students to key topics of physical geography, and engages the concept of anthropogenic interaction with that landscape. The module will equip students with the theoretical and practical background necessary to assess the processes shaping the landscape and leads onto specialised modules at Levels 5 and 6. This will include detailed understanding of fluvial, coastal and glacial processes and landforms and the interaction between people and the landscape.