

Liverpool John Moores University

Title: GEOMORPHOLOGY
Status: Definitive
Code: **5105NATSCI** (112589)
Version Start Date: 01-08-2016

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

Team	Leader
Elizabeth Whitfield	Y
Jason Kirby	
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Academic Level: FHEQ5 **Credit Value:** 24 **Total Delivered Hours:** 63

Total Learning Hours: 240 **Private Study:** 177

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	30
Off Site	9
Practical	21

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Exam	exam	50	3
Report	Field rep	Field Report	20	
Report	Lab rep	Laboratory Report	20	
Test	Test	Assessed Practical	10	

Aims

To provide students with a broad understanding of geomorphological processes, and the resulting landforms and sediments.

Learning Outcomes

After completing the module the student should be able to:

- 1 Recognise & describe a range of geomorphological processes including fluvial, glacial and coastal processes.
- 2 Demonstrate familiarity with the landforms and sediments associated with these environments.
- 3 Explain how sedimentary sections can be recorded and interpreted.
- 4 Demonstrate practical skills appropriate to the study of geomorphology.

Learning Outcomes of Assessments

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

Exam	2	3	
Field report	1	2	4
Lab report	4		
Online test	1	2	

Outline Syllabus

Fluvial geomorphology & hydrological processes. Glacial geomorphology. Coastal geomorphology. Arid systems. Shelf/shallow marine environments. Mitigation of geomorphological hazards.

Learning Activities

Lectures, practicals and fieldwork.

Notes

This module provides students with an insight into a range of geomorphological processes and the resulting landforms and sediments. This range includes glacial, fluvial and arid environments, in the UK and overseas. The associated practicals and fieldwork will provide students with the skills they would need to continue on to geoscience modules at level 6.