

Liverpool John Moores University

Title: INTRODUCTION TO PHYSICAL GEOGRAPHY
Status: Definitive
Code: **4102NATSCI** (112573)
Version Start Date: 01-08-2012

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

Team	Leader
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Academic Level: FHEQ4 **Credit Value:** 24.00 **Total Delivered Hours:** 72.00
Total Learning Hours: 240 **Private Study:** 168

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	16.000
Off Site	36.000
Practical	20.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Test	test 1	Phase Test	20.0	
Report	notebook	Field notebook (Residential trip)	60.0	
Test	test 2	Phase test	20.0	

Aims

To provide students with an introduction to the major processes occurring at the Earth's surface and to demonstrate their resultant sediments and landforms. Practical field based skills will also be developed as part of a residential 5 day field trip.

Learning Outcomes

After completing the module the student should be able to:

- 1 Outline the main processes occurring in fluvial, glacial and marine systems.
- 2 Explain how sediments may be transported, deposited, and used to interpret the environment in which they formed.
- 3 Employ practical skills appropriate to the study of Geo and Environmental Science.
- 4 Record basic field observations and interpret field data.

Learning Outcomes of Assessments

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

Phase test 1	1	2
Fieldwork notebook	3	4
Phase test 2	1	2

Outline Syllabus

Introduction to the Geomorphological environment. Fluvial, glacial and coastal/marine environments-process and landforms. Introduction to topographic maps of a field area. Surveying techniques, recording and observation in the field.

Learning Activities

Lectures, practical exercises, residential and one day field trip.

References

Course Material	Book
Author	Holden, J.
Publishing Year	2005
Title	An Introduction to Physical Geography & the Environment
Subtitle	
Edition	
Publisher	Pearson/Prentice Hall
ISBN	

Course Material	Book
Author	Monroe, J.S. & Wicander, R.
Publishing Year	2001

Title	Physical Geology: Exploring the Earth
Subtitle	
Edition	4th
Publisher	Brooks/Cole
ISBN	

Course Material	Book
Author	Hamblin, W.K. & Christiansen, E.H.
Publishing Year	2001
Title	Earth's dynamic systems
Subtitle	
Edition	9th
Publisher	Prentice-Hall
ISBN	

Notes

This is a heavily field-based module that provides students with an introduction to the major processes occurring at the Earth's surface.