

Liverpool John Moores University

Title: INTERNATIONAL RESEARCH EXPEDITION
Status: Definitive
Code: **6107NATSCI** (112605)
Version Start Date: 01-08-2016

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

Team	Leader
Kostas Kiriakoulakis	Y
Tom Matthews	
Tim Lane	
John Morrissey	
Elizabeth Whitfield	
Jason Kirby	
Silvia Gonzalez	

Academic Level: FHEQ6
Credit Value: 24
Total Delivered Hours: 71
Total Learning Hours: 240
Private Study: 169

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	14
Off Site	56
Seminar	1

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Reflection	reflection	Field Notebook and reflection	40	
Essay	essay	Essay	60	

Aims

- To initiate field-based observations and analyses on a range of geographical/environmental topics.
- To assess, upon reflection, field-based observations and analyses in relation to published research.
- To evaluate wider published research on a range of issues related to the field areas visited.

Learning Outcomes

After completing the module the student should be able to:

- 1 Carry out field-based studies to investigate geo-environmental problems
- 2 Reflect upon the findings of field observations in the context of published work
- 3 Evaluate published scientific information to appraise current knowledge of geo-environmental and human-related issues.

Learning Outcomes of Assessments

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

Notebook and reflection	1	2
essay	3	

Outline Syllabus

- Introduction to the field areas to be visited: logistics, health and safety issues.
- On site observations and measurements of scientifically and socioeconomically important areas.
- Introduction to the geomorphology (fluvial, coastal, glacial), geology (including volcanoes and hazards), environmental issues (pollution, water quality, oceanography, etc.), human geography (sustainability and tourism etc.).

Learning Activities

This module is based on a residential field course abroad and concentrates on the application of field skills and interpretation of data. Detailed field observations, mapping techniques and environmental sampling will be demonstrated and employed in the field. A series of lectures in the classroom will focus on the interpretation and assessment of student own observations and measurements within the context of published data of the visited areas. The final assessment will focus on evaluating published literature on the wider themes introduced on the fieldtrip.

Notes

This module is based on an international field trip. It is a detailed field skills module. Students are encouraged to undertake independent observations and interpretations and reflect upon them in relation to published work. There is an additional charge for this fieldtrip to cover the cost of accommodation.