

## Liverpool John Moores University

Title: MEDITERRANEAN ENVIRONMENTS  
Status: Definitive  
Code: **6314NATSCI** (124946)  
Version Start Date: 01-08-2021

Owning School/Faculty: Biological and Environmental Sciences  
Teaching School/Faculty: Biological and Environmental Sciences

Team	Leader
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**Academic Level:** FHEQ6      **Credit Value:** 20      **Total Delivered Hours:** 70  
**Total Learning Hours:** 200      **Private Study:** 130

### Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	14
Off Site	56

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	Pres	Field notebook and presentations	70	
Essay	essay	Literature critique	30	

### Aims

*Critically discuss and evaluate the range of natural and anthropogenic processes responsible for shaping the natural and cultural landscape in visited field locations on a range of temporal and spatial scales. To identify, critically evaluate and discuss*

*sustainable practice in an environmental context.*

## **Learning Outcomes**

After completing the module the student should be able to:

- 1        Employ relevant field-based techniques to investigate geo-environmental topics
- 2        Reflect upon and critically evaluate the findings of field observations and interpretations
- 3        Critically evaluate published scientific information to appraise current knowledge of a geo-environmental issue.

## **Learning Outcomes of Assessments**

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

Presentations	1	2
Literature critique	3	

## **Outline Syllabus**

1. *Introduction to the field areas to be visited: logistics, health and safety issues.*
2. *On site observations and measurements of scientifically and socioeconomically important areas.*
3. *Introduction of topics related to the field locations and wider environment. The topics include:*
  - fluvial and coastal geomorphology related to tectonics and climate and their associated hazards*
  - volcanoes and their associated hazards including tsunamis*
  - environmental issues, such as pollution, water quality, oceanography, ecology and conservation*
  - human geography including sustainability and tourism*
  - archaeology from a geographical perspective*

## **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. Experiential learning is a key component of the field class. A series of lectures in the classroom will focus on the interpretation and assessment of observations and measurements taken during the field class, within the context of published data of the visited areas, The final assessment will focus on evaluating published literature on wider themes introduced on the fieldtrip.

## **Notes**

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 developing as autonomous learners. There is an additional charge for this field trip to cover the cost of accommodation.