

Liverpool John Moores University

Title: Advanced Field Skills Expedition
Status: Definitive
Code: **6206NATSCI** (122189)
Version Start Date: 01-08-2021

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

Team	Leader
Ross Macleod	Y
Luiza Figueiredo Passos	

Academic Level: FHEQ6 **Credit Value:** 20 **Total Delivered Hours:** 82
Total Learning Hours: 200 **Private Study:** 118

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	4
Off Site	60
Seminar	8
Workshop	10

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	AS1	oral presentation of a set topic	40	
Report	AS2	write up of practical work	60	

Aims

- (a) To plan and prepare an advanced field-based overseas biological study.
- (b) To manage, execute and deliver an independent scientific project.
- (c) To evaluate research results in the context of existing knowledge and prepare a scientific manuscript or report.

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically evaluate biological issues in selected habitats
- 2 Design and carry out field-based studies to investigate biological questions at a field location
- 3 Report the findings of a field-based research project to a professional standard using written reporting.

Learning Outcomes of Assessments

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

Oral presentation	1	
Report	2	3

Outline Syllabus

Introduction to biological issues in selected ecosystems. Expedition planning, design, and scientific project management. Risk assessment and safety during fieldwork. Development and demonstration of scientific and practical working methods in a field research context. Independent research projects linked to students' special interests.

Learning Activities

Delivery of the module is based on careful design, preparation and pre-planning of a biological project based at a field location organised by the module leader, involving small group expedition type work (either in person or virtually), with individual reporting and assessment.

Notes

This module is based on a residential field trip. Students will be expected to contribute to the cost of travel and accommodation. Each student will prepare, design and deliver a supervised research project.