

Liverpool John Moores University

Title: TROPICAL EXPEDITION
Status: Definitive
Code: **6016NATSCI** (101280)
Version Start Date: 01-08-2019

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

Team	Leader
Simone Durr	Y
Filippo Aureli	

Academic Level: FHEQ6 **Credit Value:** 24 **Total Delivered Hours:** 70
Total Learning Hours: 240 **Private Study:** 170

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	4
Off Site	58
Seminar	8

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	Init sem	Preparation and Planning Seminar	40	
Report	Report	Independent field report	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 tropical marine or terrestrial habitats
- 2 Design and carry out field-based studies to investigate biological questions
- 3 Report the findings of a research project to a professional standard using written reporting

Learning Outcomes of Assessments

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

initial seminar	1	
Report	2	3

Outline Syllabus

Introduction to biological issues in tropical marine and terrestrial 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 research context in the tropics. 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 tropical location organised by the module leader, attending a small group expedition (with a minimum 1 week's fieldwork), with individual reporting and assessment.

Notes

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