

Liverpool John Moores University

Title: Dissertation
Status: Definitive
Code: **6301NATSCI** (121175)
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:** 40 **Total Delivered Hours:** 101
Total Learning Hours: 400 **Private Study:** 299

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	1
Practical	80
Tutorial	20

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Report	Project Rationale	20	
Presentation	Poster	Conference poster presentation	20	
Dissertation	Report	Project report 6000 words excluding abstract, references and appendices	60	

Aims

To provide the student with the experience of investigating a research topic in an appropriate manner under the guidance of an academic tutor.

Learning Outcomes

After completing the module the student should be able to:

- 1 Research the scientific literature associated with the research programme; extract and appropriately present relevant background information.
- 2 Design and execute an appropriate research strategy; identify and assess the hazards and ethical issues associated with carrying out the research in the field and/or laboratory.
- 3 Present and objectively analyse data/information using appropriate statistical/analytical techniques.
- 4 Select, highlight and critically evaluate the relevance and implications of the major findings in relation to other published studies.

Learning Outcomes of Assessments

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

Project Rationale	1	2		
Presentation of poster	1	3	4	
Research Project	1	2	3	4

Outline Syllabus

This module is a self-directed project module with tutorial guidance as required. It provides an opportunity for students to independently develop and demonstrate scientific and practical working methods in a research or applied context. The project will be in any area of geography and students will be allowed a choice of topic, subject to academic approval.

Learning Activities

Appropriate titles will be determined by discussion between the module leader,

individual tutors and individual students. Projects may take a variety of forms ranging from a laboratory or field-based investigation through to a critical evaluation of published material (such reports must contain evidence of novel analysis of available information).

All research must be carried out in a safe and ethical manner, and students will be required to produce risk assessments and/or seek ethical approval as appropriate. A substantial written report and poster presentation are produced.

Notes

The Research Project allows students to demonstrate their ability to carry out independent practical research and to present their findings as a scientific report.