

Liverpool John Moores University

Title: RESEARCH PROJECT
 Status: Definitive
 Code: **6000NATSCI** (112595)
 Version Start Date: 01-08-2019

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

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Academic Level: FHEQ6 **Credit Value:** 24 **Total Delivered Hours:** 84

Total Learning Hours: 240

Private Study: 156

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	1
Practical	70
Tutorial	13

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	lit review	Literature review	15	
Report	report	report in appropriate scientific style	70	
Presentation	viva	interview with supervisor / second marker	15	

Aims

To provide the student with the experience of investigating a research topic in an appropriate manner under the guidance of an academic tutor. The findings will be presented in the form of a written report and viva.

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 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.
- 5 work consistently and reliably under self-direction in order to achieve the aims of the project.

Learning Outcomes of Assessments

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

Literature Review	1				
Project Report	2	3	4	5	
viva	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 appropriate to the student's programme of study and students will be allowed a choice of topic, subject to the approval of both the module leader and the appropriate subject leader.

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 the development of extended project design or an interpretative or management plan; reports consisting of a critical evaluation of published material are acceptable when it is not possible for a student to research that topic directly but such reports must contain evidence of novel analysis of available information. Where applicable (e.g. for many field studies) students will be encouraged to liaise with an appropriate outside organisation. A substantial written report and an oral presentation in the form of a viva are produced.

Notes

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