

Liverpool John Moores University

Title: DISSERTATION
Status: Definitive
Code: **7100NATSCI** (123671)
Version Start Date: 01-08-2020

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

Team	Leader
Nicola Koyama	Y
Lochran Traill	
Barbara Fruth	
Linus Girdland Flink	
Antje Engelhardt	
Kyoko Yamaguchi	
David Jordan	
David Bourke	
Carlo Meloro	
Matteo Borrini	
Sarah Dalrymple	
Joel Irish	
Isabelle De Groote	
Serge Wich	
Colm Bowe	
Emily Bethell	
Constantine Eliopoulos	
Richard Brown	

Academic Level: FHEQ7 **Credit Value:** 60 **Total Delivered Hours:** 29

Total Learning Hours: 600 **Private Study:** 571

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Tutorial	25
Workshop	4

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Dissertation	Report	Project write-up in journal article format with supplementary material as appropriate	100	

Aims

To enable the student to conduct independent scientific research in an appropriate manner under the guidance of an academic tutor. The student has the opportunity to make a major contribution in a chosen subject area through a supervised programme of individual study. The findings will be presented in the form of a written report.

Learning Outcomes

After completing the module the student should be able to:

- 1 Review and critically evaluate current relevant literature
- 2 Design and execute a research study in an ethical manner
- 3 Analyse and interpret data appropriately

Learning Outcomes of Assessments

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

Dissertation 1 2 3

Outline Syllabus

This is a self-directed dissertation module with supervisory one-to-one tutorial guidance. It provides an opportunity for students to independently develop and demonstrate scientific methods in a research context. The project topic is related to current staff research interests in an area appropriate to the student's programme of study. Appropriate titles will be determined by discussion between the module leader, individual supervisors and individual students. Projects may take a variety of forms ranging from a laboratory or field-based investigation. Topic choices will be subject to the approval of the module leader.

Learning Activities

Students will engage in individual scientific research in a subject related to their programme title. A supervisor will guide each student through the project hypotheses, design, methodology, data collection, analyses and interpretation and the report write-up during individual tutorials.

Notes

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