

Liverpool John Moores University

Title: DISSERTATION
Status: Definitive
Code: **7000NATSCI** (120791)
Version Start Date: 01-08-2015

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

Team	Leader
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Academic Level: FHEQ7 **Credit Value:** 60.00 **Total Delivered Hours:** 27.00

Total Learning Hours: 600 **Private Study:** 573

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Tutorial	25.000
Workshop	2.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Dissertation	Report	Project write-up in journal article format with supplementary material as appropriate	100.0	

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
- 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.