

Liverpool John Moores University

Title: CHEMISTRY MINI-PROJECT
Status: Definitive
Code: **6007APCHEM** (125842)
Version Start Date: 01-08-2021

Owning School/Faculty: Pharmacy & Biomolecular Sciences
Teaching School/Faculty: Pharmacy & Biomolecular Sciences

Team	Leader
Mark Wainwright	Y
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Andrew Leach	
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Academic Level: FHEQ6 **Credit Value:** 20 **Total Delivered Hours:** 40
Total Learning Hours: 200 **Private Study:** 160

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Practical	40

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Report	Report	60	
Presentation	Oral pres	Presentation	40	

Aims

The course aims to equip the student to undertake a short research project in the area of chemistry and to be able to present the research orally and in written form.

Learning Outcomes

After completing the module the student should be able to:

- 1 Devise and implement an experimental research plan
- 2 Critically evaluate experimental data and present it orally
- 3 Critically evaluate experimental data, analysing it in terms of the relevant scientific literature.

Learning Outcomes of Assessments

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

Research report	1	3
Oral presentation	1	2

Outline Syllabus

Planning and design of experimentation; literature searching and evaluation; statistics; practical chemistry.

Learning Activities

Lectures and practical work. Preparation of a written report and an oral presentation

Notes

The course equips and allows the student to undertake a semester long mini-research project in an aspect of chemistry, supervised by a member of academic staff. Consistent interaction with the staff member and supplied teaching will allow the development of transferable skills required in research.