

Module Information

2022.01, Approved

Summary Information

Module Code	6000PHASCI
Formal Module Title	Research Methods and Project
Owning School	Pharmacy & Biomolecular Sciences
Career	Undergraduate
Credits	40
Academic level	FHEQ Level 6
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Pharmacy & Biomolecular Sciences

Learning Methods

Learning Method Type	Hours
Lecture	9
Practical	112
Seminar	4
Tutorial	10
Workshop	8

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	28 Weeks

Aims and Outcomes

Aims	The aim of the module is to enable students to plan, execute and report results of a research project in the area of pharmaceutical and cosmetic science, using a range of appropriate resources and methodology.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Locate and critically evaluate relevant scientific literature
MLO2	2	Design a research project using knowledge of the most recent ideas and methods in the relevant field.
MLO3	3	Conduct a research project using appropriate methodology and appreciation of relevant safety issues.
MLO4	4	Evaluate and coherently present results of a research project, both orally and in writing.

Module Content

Outline Syllabus	<ul style="list-style-type: none"> Philosophy of science Health and safety in the laboratory Ethics in scientific research Literature searching, evaluation and referencing Designing a research project using current knowledge of the area Conducting research work safely and efficiently Maintaining records in scientific research Oral communication of scientific results Presenting and publishing results How to write a high quality scientific report
Module Overview	The aim of the module is to enable you to plan, execute and report results of a research project in the area of pharmaceutical sciences, using a range of appropriate resources and methodology.
Additional Information	The course will introduce students to research methods which will enable them to plan, execute and report on their final year project, which forms a key component of this module.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Dissertation	Project Report	65	0	MLO1, MLO3, MLO4
Portfolio	Portfolio	35	0	MLO1, MLO2

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Judith Madden	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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