

Summary Information

Module Code	7131PHASCI
Formal Module Title	Scientific Principles in Cosmetic Science
Owning School	Pharmacy & Biomolecular Sciences
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

Module Contacts

Module Leader

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

Module Team Member

Contact Name	Applies to all offerings	Offerings
Imran Saleem	Yes	N/A
Iftikhar Khan	Yes	N/A
Francesca Giuntini	Yes	N/A
Jose Prieto Garcia	Yes	N/A
Abdullah Isreb	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
--------------	--------------------------	-----------

Teaching Responsibility

LJMU Schools involved in Delivery
Pharmacy & Biomolecular Sciences

Learning Methods

Learning Method Type	Hours
Lecture	10
Practical	24
Workshop	6

Module Offering(s)

Offering Code	Location	Start Month	Duration
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	To equip students with the necessary core skills to effectively design, plan, perform and report scientific research.
-------------	---

Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Demonstrate skills in planning research with relevant experimental methodology
MLO2	Locate, critically evaluate and reference appropriate scientific literature
MLO3	Communicate scientific information in a contextual manner

Module Content

Outline Syllabus
Overview of the scientific method Designing a research project Literature searching and referencing Literature reviewing Project planning and methodology design Good laboratory practice Data analysis, data appraisal and results presentation Reporting scientific funding Publishing Research and Protecting Intellectual Property

Module Overview

Additional Information

Assessment Students will write a research proposal based on their concept developed in 7132PHASCI, which will assess ability to locate, critically review and reference literature sources as well as their scientific writing skills. After completing their mini-project, students will produce a report on their findings.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Report	Research Proposal	50	0	MLO2, MLO3, MLO1
Report	Mini-project reporting	50	0	MLO2, MLO3, MLO1