

Summary Information

Module Code	7113PHASCI
Formal Module Title	Manufacture of Cosmetics
Owning School	Pharmacy & Biomolecular Sciences
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
Pharmacy & Biomolecular Sciences

Learning Methods

Learning Method Type	Hours
Lecture	26
Practical	9
Workshop	12

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	To equip students with the Knowledge and understanding of large scale-up for manufacturing and packaging attributes of relevance to cosmetic formulations. In addition students will acquire the knowledge, understanding and application of microbiological testing
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Critically evaluate issues related to large scale manufacturing
MLO2	2	Critically evaluate claims related to cosmetic products and tests for verification
MLO3	3	Demonstrate knowledge of borderline products
MLO4	4	Demonstrate expertise of packaging and labelling of cosmetic products
MLO5	5	Demonstrate expertise in microbial testing of final product

Module Content

Outline Syllabus	Knowledge and understanding of scale-up and trouble-shooting Knowledge and appreciation of Hazard Analysis and Critical Control Points (HACCP) and process water Knowledge and understanding of packaging and stability of product Knowledge and understanding of legal and regulatory aspects of labelling Knowledge and understanding with regards to the nature of the claims of products and borderline substances Knowledge and understanding of the responsibilities of the 'Responsible Person' Knowledge, understanding and practical skills in microbial testing
Module Overview	The module will equip you with the knowledge and understanding of large scale-up for manufacturing, packaging, labelling, regulation and claims applicable to cosmetic formulations. In addition, you will acquire the knowledge, understanding and application of microbiological testing.
Additional Information	Students will acquire knowledge and understanding in large scale manufacturing, packaging and stability of product, labelling and legislation related to claims of preservatives, actives and borderline substances, and microbial testing and analysis

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Report on cosmetic manufacture	50	0	MLO1, MLO2, MLO4, MLO5
Centralised Exam	Examination	50	2	MLO1, MLO2, MLO3, MLO4, MLO5

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Iftikhar Khan	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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