

## Liverpool John Moores University

Title: MANUFACTURE OF COSMETICS  
Status: Definitive  
Code: **7113PHASCI** (124937)  
Version Start Date: 01-08-2021

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

Team	Leader
Iftikhar Khan	Y
Imran Saleem	

**Academic Level:** FHEQ7  
**Credit Value:** 20  
**Total Delivered Hours:** 49  
**Total Learning Hours:** 200  
**Private Study:** 151

### Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	26
Practical	9
Workshop	12

**Grading Basis:** 50 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Report	This will be an individual report based on the workshop. Students will work in groups in evaluating a topic or article in which issues have arisen regarding a cosmetic product, large scale manufacturing, packaging and labelling. They will then write a critical review	50	
Exam	Exam	Exam will assess students' understanding, knowledge and applications of the manufacturing, microbial testing,	50	2

Category	Short Description	Description	Weighting (%)	Exam Duration
		packaging and labelling		

## 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*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Critically evaluate issues related to large scale manufacturing
- 2 Critically evaluate claims related to cosmetic products and tests for verification
- 3 Demonstrate knowledge of borderline products
- 4 Demonstrate expertise of packaging and labelling of cosmetic products
- 5 Demonstrate expertise in microbial testing of final product

## Learning Outcomes of Assessments

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

Report on cosmetic manufacture	1	2	4	5	
Examination	1	2	3	4	5

## 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*

## Learning Activities

Lectures - introducing /covering the various topics of the module  
workshops – problem solving in terms of cosmetic formulation claims, packaging and labelling

Laboratory Practical's – Provide students first-hand experience of microbial testing and analysis

### **Notes**

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