

## Liverpool John Moores University

Title: FORMULATION AND CHARACTERISATION OF COSMETICS  
Status: Definitive  
Code: **7112PHASCI** (124936)  
Version Start Date: 01-08-2021

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

Team	Leader
Sarah Gordon	Y
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**Academic Level:** FHEQ7      **Credit Value:** 20      **Total Delivered Hours:** 55

**Total Learning Hours:** 200      **Private Study:** 145

### Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	26
Practical	24
Workshop	3

**Grading Basis:** 50 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Exam	Examination	50	2
Practice	Prac	Students will be assessed on cosmetic formulations and a written report	50	

### Aims

*To equip students with the knowledge, understanding and application of raw materials and cosmetic formulations.*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate expertise in preparation of cosmetic formulations
- 2 Critically evaluate the use of raw materials
- 3 Critically evaluate the physicochemical characterisation of cosmetic formulations

## Learning Outcomes of Assessments

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

Examination	2	3	
Laboratory Practical & Report	1	2	3

## Outline Syllabus

*Knowledge and use of raw materials*

*Preparation of cosmetic formulations*

*Testing of cosmetic formulations*

*Evaluate and use of appropriate equipment in preparation and testing of cosmetic formulations*

*Problem identification of raw materials and cosmetic formulations*

*Analysis and result interpretation*

## Learning Activities

Lectures - introducing /covering the various topics of the module

workshops – problem solving in terms of cosmetic formulations and raw materials

Laboratory Practicals – Provide students first-hand experience of preparing and testing cosmetic formulations

## Notes

In this module, students will learn to formulate cosmetic products and test formulation characteristics