

Liverpool John Moores University

Title: PRINCIPLES OF COSMETIC PRODUCTS
Status: Definitive
Code: **5010PHASCI** (127780)
Version Start Date: 01-08-2021

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

Team	Leader
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Academic Level: FHEQ5 **Credit Value:** 20 **Total Delivered Hours:** 55
Total Learning Hours: 200 **Private Study:** 145

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	24
Practical	12
Tutorial	5
Workshop	12

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	CW	Literature review	40	
Exam	Exam	Written Examination	60	2

Aims

To develop knowledge of the scientific principles applied in the preparation and

analysis of cosmetic products.

Learning Outcomes

After completing the module the student should be able to:

- 1 Appraise the formulation and characteristics of cosmetic products
- 2 Evaluate the testing procedures used in assessing the quality of cosmetic products
- 3 Review primary source material on aspects of contemporary cosmetic science

Learning Outcomes of Assessments

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

Essay	3	
Exam	1	2

Outline Syllabus

An introduction to cosmetic products, types and classes.

The scientific theory and underlying principles used in formulating and preparing a range of cosmetic products including:

Liquids, creams, gels, shampoos, conditioners, perfumes, toothpastes, mouthwashes, powders, lipsticks.

The application of testing procedures used in assessing the quality of cosmetic products including physical and thermo-analytical techniques.

Learning Activities

Lectures covering the module topics

Laboratory-based practicals to give students first-hand experience of preparing and testing cosmetic products

Workshops focusing on literature review to support coursework and data analysis from the practicals

Tutorials with personal tutor

Notes

The module will build upon the level 4 modules: physical properties (4001PHASCI) and formulation science (4004PHASCI)