

Integrated Foundations of Pharmacy

Module Information

2022.01, Approved

Summary Information

Module Code	4000IMPHAR
Formal Module Title	Integrated Foundations of Pharmacy
Owning School	Pharmacy & Biomolecular Sciences
Career	Undergraduate
Credits	120
Academic level	FHEQ Level 4
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Pharmacy & Biomolecular Sciences

Learning Methods

Learning Method Type	Hours
Lecture	81
Online	169
Placement	10
Practical	73
Tutorial	11
Workshop	64

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	28 Weeks

Aims and Outcomes

Aims	To develop an understanding of the fundamentals of the science and practice of pharmacy and its integrative nature
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Explain the role of the pharmacist and their professional, ethical and legal responsibility to ensure the safe supply of medicines to the public.
MLO2	2	Demonstrate knowledge of the fundamental scientific principles of health and disease in relation to developing, supplying and using medicines.
MLO3	3	Demonstrate appropriate skills, behaviours and attitudes that enable healthcare professionals to deliver a quality healthcare service.
MLO4	4	Explain the therapeutic significance of drug chemistry and formulation
MLO5	5	Describe health and wellbeing, the underlying factors contributing to health and disease and the application of the behavioural sciences to the healthcare environment.

Module Content

Outline Syllabus	Topics covered within the module include:Cells and biomacromoleculesLinking structure to properties and activityMaking drugs into medicines Interactions between the drugs and the bodyPharmacy profession and key skills Gastrointestinal physiology and pathophysiologyPain and the peripheral nervous systemBlood
Module Overview	<p>During semester 1, your studies will focus on the scientific foundation of pharmacy, while incorporating aspects of practice where possible, and includes topics such as:</p> <p>cells and biomacromolecules</p> <p>linking structure to properties and activity</p> <p>making drugs into medicines and interactions with the body</p> <p>During semester 2, the knowledge and skills developed and established in semester 1 are revisited and applied to specific topics, namely:</p> <p>gastrointestinal physiology and pathophysiology</p> <p>pain and the peripheral nervous system</p> <p>blood</p> <p>Concurrently, the professional development strand will introduce and develop fundamental graduate skills, techniques and attributes including laboratory, clinical, communication, learning and study skills.</p>
Additional Information	This module forms the first year of the integrated masters in Pharmacy. There is a requirement (agreed variance from the Academic Framework) that all assessment components must be passed at the module pass mark or higher for the module to be passed. No credit will be released unless all competencies (C1-C6) are achieved.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Centralised Exam	Open book exam	20	1	MLO1, MLO2, MLO4, MLO5
Test	C1 calculations	0	0	MLO2, MLO3
Future Focus e-learning task	Career self awareness	2	0	MLO3
Essay	Diagnostic tool essay	15	0	MLO5
Report	Painkillers report	20	0	MLO2, MLO4
Artefacts	Patient information leaflet	10	0	MLO1, MLO5
Presentation	Presentation formulations	8	0	MLO2, MLO4
Presentation	Healthy living poster	5	0	MLO5

Centralised Exam	Closed book exam	20	1	MLO1, MLO2, MLO4, MLO5
Portfolio	C6 Portfolio (incl PDP)	0	0	MLO3
Exam	C5 OSLA	0	0	MLO2
Practice	C4 OSCE	0	0	MLO2, MLO4
Test	C3 dispensing practical	0	0	MLO5
Test	C2 pharmacy law	0	0	MLO1, MLO5
Competency	Pharmacy Practice			MLO1, MLO2, MLO3, MLO4, MLO5

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Elsie Gaskell	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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