

## Module Information

2022.01, Approved

### Summary Information

Module Code	5000IMPHAR
Formal Module Title	Medicines, Patients and the Pharmacist
Owning School	Pharmacy & Biomolecular Sciences
Career	Undergraduate
Credits	120
Academic level	FHEQ Level 5
Grading Schema	40

### Teaching Responsibility

LJMU Schools involved in Delivery
Pharmacy & Biomolecular Sciences

### Learning Methods

Learning Method Type	Hours
Lecture	24
Online	172
Placement	16
Practical	55
Seminar	2
Tutorial	10
Workshop	81

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
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SEP-CTY	CTY	September	28 Weeks
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## Aims and Outcomes

Aims	Understand the principles of developing and delivering quality medicines for the prevention or treatment of disease and demonstrate the application of science in practice to ensure patient safety.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Demonstrate an understanding of an evidence-based approach to the management of health and disease.
MLO2	2	Explain the importance of drug design, pharmaceutical formulation and manufacture in ensuring the supply of safe medicines to patients.
MLO3	3	Develop and apply knowledge of systems-based pathophysiology, pharmacology and therapeutics to meet the distinct needs of patients.
MLO4	4	Explain the infectious disease processes, in the body and the population, and their responsible pharmaceutical treatment.
MLO5	5	Demonstrate appropriate practical and professional skills and implement strategies to address personal strengths and weaknesses.

## Module Content

Outline Syllabus	The application of science and practice to ensure that safe medicines are delivered to patients. The principles of developing quality medicines through the processes of formulation and manufacture. The pathophysiology, therapeutics and prevention of diseases of the cardiovascular, respiratory and central nervous systems. Infectious disease processes in the body and the population, their responsible pharmaceutical treatment and conservation of the valuable antimicrobial resource. How pharmacists can meet the distinct needs of particular patient groups
Module Overview	<p>Your studies will build upon the foundations of the previous year and continues the development of integrated multidisciplinary learning. You will learn the principles of developing quality medicines through the processes of formulation and manufacture, and the application of science and practice to ensure patient safety. This new knowledge and skills will then be revisited and contextualised into specific topics with the pathophysiology, therapeutics, and prevention of diseases focused on at this level.</p> <p>Topics include the cardiovascular, respiratory and central nervous systems along with infectious disease processes in the body and the population, their responsible pharmaceutical treatment and conservation of the valuable antimicrobial resource. You will also learn the necessary skills and knowledge of how pharmacists can meet the distinct needs of particular patient groups which is undertaken in the cycle of life topic.</p>
Additional Information	This module forms the second 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, MLO3, MLO4
Centralised Exam	Closed book exam	20	1	MLO1, MLO2, MLO3, MLO4
Centralised Exam	Clinical guideline	15	0	MLO1
Report	Medicines report	15	0	MLO2
Presentation	Presentation	5	0	MLO2
Report	Patient-centred case study	20	0	MLO3
Presentation	Poster	5	0	MLO4
Test	C1 calculations	0	0	MLO5
Test	C2 pharmacy law	0	0	MLO5
Presentation	C3 dispensing practical	0	0	MLO5
Practice	C4 OSCE	0	0	MLO5
Presentation	C5 OSLA	0	0	MLO5
Portfolio	C6 Portfolio (PDP)	0	0	MLO5
Competency	Pharmacy Practice			MLO5

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Michael Traynor	Yes	N/A

### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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