

Liverpool John Moores University

Title: MEDICINES, PATIENTS AND THE PHARMACIST
 Status: Definitive
 Code: **5000IMPHAR** (120833)
 Version Start Date: 01-08-2021

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

Team	Leader
Michael Traynor	Y
Sarah Gordon	
Becky Walters	
Darren Sexton	
Rachel Mullen	
Francesca Giuntini	
Neil Henney	
Alison Devine	
Peter Penson	
Imran Saleem	
Robert Morris	
Steve Enoch	
Mark Wainwright	
Vicki Anderson	
Octavio Aragon Cuevas	
Suzanne Cutler	
Linda Seton	
Philippa Ocio	
Touraj Ehtezazi	
Matthew Roberts	
Katie Evans	
Elsie Gaskell	
Kate Shemilt	
Andrew Evans	
Johanne Nesbit	
Shaqil Chaudary	
Ian Cubbin	
Melissa Russell	
Judith Madden	
Glyn Hobbs	

Academic Level:	FHEQ5	Credit Value:	120	Total Delivered Hours:	362
Total Learning Hours:	1200	Private Study:	838		

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	24
Online	172
Placement	16
Practical	55
Seminar	2
Tutorial	10
Workshop	81

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Open exam	Open book exam	20	1
Exam	CB exam	Closed book exam	20	1
Essay	Guideline	Evidence based summary of clinical guideline	15	
Report	Med rpt	Medicines formulation, manufacturing and testing report	15	
Presentation	Pres	Group presentation on extemporaneous product preparation	5	
Report	Case study	Patient-centred case study around specific treatment	20	
Presentation	Poster	Group poster on public health campaign	5	
Test	Calc	Competency 1 calculations - up to 5 attempts allowed	0	
Test	Law	Competency 2 pharmacy law - up to 3 attempts allowed	0	
Test	Practical	Competency 3 dispensing practical - up to 3 attempts allowed	0	
Practice	OSCE	Competency 4 OSCE - up to 3 attempts allowed	0	
Practice	OSLA	Competency 5 OSLA - up to 3 attempts allowed	0	
Portfolio	PDP	Competency 6 - PDP portfolio - one resubmission allowed	0	

Competency	Pharmacy Practice
-------------------	-------------------

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.

Learning Outcomes

After completing the module the student should be able to:

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

Learning Outcomes of Assessments

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

Open book exam	1	2	3	4
Closed book exam	1	2	3	4
Clinical guideline	1			
Medicines report	2			
Presentation	2			
Patient-centred case study	3			
Poster	4			
C1 calculations	5			
C2 pharmacy law	5			
C3 dispensing practical	5			
C4 OSCE	5			
C5 OSLA	5			
C6 Portfolio (PDP)	5			
Pharmacy Practice				5

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

Learning Activities

Active Blended Learning incorporating a mixture of online and on-campus face-to-face activities, including:

Canvas (VLE)-based directed learning

Workshops

Tutorials

Practicals (clinical and lab. based)

Simulation

Integrated-Learning Days (team-based learning and problem solving)

Self-directed independent study

Patient and Public engagement

Placements (external and/or virtual)

Notes

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.