

**Liverpool** John Moores University

Title: INTEGRATED FOUNDATIONS OF PHARMACY  
Status: Definitive  
Code: **4000IMPCHAR** (120832)  
Version Start Date: 01-08-2021

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

Team	Leader
Elsie Gaskell	Y
Amos Fatokun	
Becky Walters	
Darren Sexton	
Rachel Mullen	
Francesca Giuntini	
Satyajit Sarker	
Jo Foulkes	
Michael Traynor	
Neil Henney	
Alison Devine	
Peter Penson	
Imran Saleem	
Steve Enoch	
Simon-Dieter Brandt	
Vicki Anderson	
Andy Gitsham	
Jonathan Davies	
Octavio Aragon Cuevas	
Suzanne Cutler	
Linda Seton	
Philippa Ocio	
Raymond Fox	
Touraj Ehtezazi	
Matthew Roberts	
James Downing	
Kate Shemilt	
Gareth Nickless	
Andrew Evans	
Johanne Nesbit	
Shaqil Chaudary	
Ian Cubbin	
Melissa Russell	
Mark Cronin	
Judith Madden	
Philip Denton	

<b>Academic Level:</b>	FHEQ4	<b>Credit Value:</b>	120	<b>Total Delivered Hours:</b>	410
<b>Total Learning Hours:</b>	1200	<b>Private Study:</b>	790		

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	81
Online	169
Placement	10
Practical	73
Tutorial	11
Workshop	64

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Open Exam	Open book exam	20	1
Test	Calc	Competency 1 Calculations - may be attempted up to 5 times	0	
Future Focus e-learning task	SelfAware	Careers self awareness	2	
Essay	Essay	Diagnostic tool essay	15	
Report	Report	Painkillers from bench to patient - laboratory report	20	
Report	Leaflet	Patient advice leaflet	10	
Presentation	Present	Formulations for safety and effectiveness - group presentation	8	
Presentation	Poster	Healthy living campaign - group poster	5	
Exam	CB Exam	Closed book exam	20	1
Portfolio	PDP	Competency 6 Portfolio (including PDP) - one resubmission permitted	0	
Practice	OSLA	Competency 5 OSLA - may be attempted up to 3 times	0	
Practice	OSCE	Competency 4 OSCE - may be attempted up to 3 times	0	
Test	Dispense	Competency 3 Dispensing practical - may be attempted up	0	

Category	Short Description	Description	Weighting (%)	Exam Duration
		to 3 times		
Test	Law	Competency 2 Pharmacy law - may be attempted up to 3 times	0	

<b>Competency</b>	Pharmacy Practice
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## Aims

*To develop an understanding of the fundamentals of the science and practice of pharmacy and its integrative nature*

## Learning Outcomes

After completing the module the student should be able to:

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

## Learning Outcomes of Assessments

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

Open book exam	1	2	4	5
C1 calculations	2	3		
Career self awareness	3			
Diagnostic tool essay	5			
Painkillers report	2	4		
Patient information leaflet	1	5		
Presentation formulations	2	4		
Healthy living poster	5			
Closed book exam	1	2	4	5
C6 Portfolio (incl PDP)	3			

C5 OSLA	2				
C4 OSCE	2	4			
C3 dispensing practical	5				
C2 pharmacy law	1	5			
Pharmacy Practice	1	2	3	4	5

## Outline Syllabus

*Topics covered within the module include:*

*Cells and biomacromolecules*

*Linking structure to properties and activity*

*Making drugs into medicines*

*Interactions between the drugs and the body*

*Pharmacy profession and key skills*

*Gastrointestinal physiology and pathophysiology*

*Pain and the peripheral nervous system*

*Blood*

## Learning Activities

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

Canvas (VLE)-based directed learning - foundation for learning, highlighting the complementary and integrative nature of the different disciplines of pharmacy

Workshops - in-depth application of learning

Tutorials - delivered in small groups or 1-to-1 to support development of various skills and offer pastoral care

Practicals - both clinical and laboratory-based, to develop skills and build up competency in key areas

Simulation - to apply learning in a safe environment

Integrated-Learning Days - to develop team learning and problem solving skills

Self-directed independent study - for personalised study and skills development needs

Patient and Public engagement activities - to allow students to experience interacting with patients and the public

Placements (external and/or virtual)

## Notes

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.