

## Liverpool John Moores University

Title: Introduction to Pharmacology  
Status: Definitive  
Code: **4006PARA** (121406)  
Version Start Date: 01-08-2021

Owning School/Faculty: Nursing and Allied Health  
Teaching School/Faculty: Nursing and Allied Health

Team	Leader
Denise Dixon	Y

**Academic Level:** FHEQ4  
**Credit Value:** 20  
**Total Delivered Hours:** 50  
**Total Learning Hours:** 200  
**Private Study:** 150

### Delivery Options

Course typically offered: S1 & S2 & Summer

Component	Contact Hours
Lecture	40
Online	6
Tutorial	1

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination (unseen)	80	2
Exam	AS2	Examination (Unseen)	20	1

### Aims

*To introduce the student to the fundamentals of pharmacology within the context of paramedic practice.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Describe the principles of pharmacology.
- 2 Explain the ethical and legal considerations relating to medicines management.
- 3 Utilise correct units of measurement and basic calculations within the clinical sciences.

### **Learning Outcomes of Assessments**

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

Written exam	1	2
Drug calculations	3	

### **Outline Syllabus**

*Principles of pharmacology.*

*Pharmacokinetics.*

*Pharmacodynamics.*

*Core drugs.*

*Patient Group Directions.*

*Risks associated with pharmaceutical therapy.*

*Medicines management and legislation.*

*Ethics and consent in relation to medicine management.*

### **Learning Activities**

Lectures, e learning, group work.

### **Notes**

This module provides a theoretical base for the students' development to understand the fundamentals of pharmacology within the context of paramedic practice.