

## Liverpool John Moores University

Title: Applied Pharmacology for Paramedics  
Status: Definitive  
Code: **5005PM** (125185)  
Version Start Date: 01-08-2021

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

Team	Leader
Denise Dixon	Y

**Academic Level:** FHEQ5  
**Credit Value:** 20  
**Total Delivered Hours:** 29  
**Total Learning Hours:** 200  
**Private Study:** 171

### Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	20
Online	5
Tutorial	1

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Unseen 3 hour examination.	100	3

### Aims

*To explore the impact of pharmacological interventions on the human body within the realm of paramedic practice.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Interpret the relationship between medical / pharmaceutical intervention and the physiological changes in patient presentation.
- 2 Analyse the principles of pharmacological interventions.
- 3 Apply knowledge of ethical and legal frameworks to medicine management.
- 4 Accurately use formulae relevant to clinical sciences.

## **Learning Outcomes of Assessments**

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

Unseen exam	1	2	3	4
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## **Outline Syllabus**

*Principles of pharmacology*

*Pharmacodynamics*

*Pharmacokinetics*

*Key pharmaceutical interventions*

*Scientific units of measurement in healthcare*

*Risks associated with pharmaceutical therapy*

*Medicines management and legislation*

*Ethics and consent in relation to medicines management*

## **Learning Activities**

Lecture

Mock examinations

Discussion groups

E Learning

## **Notes**

The learning will further enhance the learners understanding and critical thought process when considering the use of pharmaceutical related issues for the paramedic.

This module provides a theoretical base for the students' development in understanding the interaction between key body systems and medical / pharmaceutical interventions.