

## Liverpool John Moores University

Title: Pathophysiology, Pharmacology in Nursing Care  
Status: Definitive  
Code: **5103NRS** (127788)  
Version Start Date: 01-08-2021

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

Team	Leader
Cheryl Grimes	Y

**Academic Level:** FHEQ5  
**Credit Value:** 20  
**Total Delivered Hours:** 40  
**Total Learning Hours:** 200  
**Private Study:** 160

### Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	20
Workshop	20

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	Pres	Presentation (20 minutes)- In relation to your chosen field of practice discuss the signs, symptoms, and management of a patient who has a long term physical and mental health condition.	100	

### Aims

*To reinforce the benefits of individualised, holistic care.*  
*To understand advanced pharmacology and human body systems.*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Analyse the pathophysiological mechanisms underlying the symptoms, care and management of a range of acute and long-term conditions
- 2 Investigate the relationship between biopsychosocial factors and the development of acute and chronic conditions
- 3 Appraise epidemiological data
- 4 Apply knowledge of pharmacology, microbiology and infection control to the management of acute and long-term conditions.

## Learning Outcomes of Assessments

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

presentation	1	2	3	4
--------------	---	---	---	---

## Outline Syllabus

*Individualised care planning for realistic nursing interventions*

*Introduction to systematic history taking/assessment for the relevant field specific group*

*Capacity and consent, considerations for field specific patients*

*Reasonable adjustments/law and equality law*

*Mental capacity act and decision making*

*Safeguarding and protecting patients from harm, protecting the vulnerable person for the relevant field specific group*

*Suicide and self harm for the relevant field specific group*

*Parity of Esteem and the relationship between physical/mental health problems and mental well-being Psychological and psychosocial factors in acute and long-term illness*

*Co-morbidity, physiological and psychological vulnerability across the lifespan (epidemiology) applied to health, ill health, disability, ageing and death*

*Physiological and psychological issues surrounding pregnancy and childbirth.*

*Child & adolescent mental health*

*Pharmacology, poly-pharmacy, psychopharmacology, and non prescribed medication use.*

*Infection control and sexually transmitted infections*

*Clinical skills*

*Care planning*

*Capacity assessment*

*Advanced medication management*

*bacteriology, virology, parasitology*

## Learning Activities

The module is primarily lecture based, but the students will also engage in a number

of small-group activities including presentations, clinical skills and directed study. Extensive use will be made of the VLE including links to organisations and patient support groups for specific conditions.

## **Notes**

In addition to the contact hours above there are 160 private study hours. 99 hours are guided, this includes online and assessment preparation. Online hours are e-learning.

61 hours are independent study

Please note that workshop hours account for simulated theoretical learning, in accordance with NMC standard 3.4