

## Liverpool John Moores University

Title: Introduction to nursing science  
Status: Definitive  
Code: **4504DAUNU** (127823)  
Version Start Date: 01-08-2021

Owning School/Faculty: Nursing and Allied Health  
Teaching School/Faculty: Dar Al-Uloom University

Team	Leader
Sean Mackay	Y

**Academic Level:** FHEQ4  
**Credit Value:** 20  
**Total Delivered Hours:** 74  
**Total Learning Hours:** 200  
**Private Study:** 126

### Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	70

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	exam	Short answer examination	30	2
Exam	exam	The mid term exam covers the syllabus completed at that stage, allowing students to gauge their progress in the module	30	1
Exam	exam	The final exam will cover the underpinning knowledge for all of the topics covered	40	1

### Aims

*To provide nursing students with an overview of the systems of the human body with an emphasis on those elements which inform skills for practice.*

*To develop an overview of psychosocial concepts in relation to health, well-being and illness.*

## **Learning Outcomes**

After completing the module the student should be able to:

- 1 Describe the basic structure of all major body systems and their functions in maintaining homeostasis
- 2 Outline the basic processes underlying the changes in structure and function of the body across the lifecycle
- 3 Demonstrate knowledge of biopsychosocial factors influencing development, health and illness
- 4 Describe the basic principles of microbiology and infection control
- 5 Describe the pathophysiological mechanisms underlying a range of common disorders
- 6 Discuss the basic principles of pharmacology in relation to the mechanism of action of drugs used to treat a range of common disorders

## **Learning Outcomes of Assessments**

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

Short answer questions	1	2	3	4	5	6
Mid term exam	1	2	3	4	5	6
Final exam	1	2	3	4	5	6

## **Outline Syllabus**

*Basic structure of all major body systems and their functions in maintaining homeostasis*

*Basic processes underlying the changes in structure and function of the body across the lifecycle*

*Terms and concepts relating to human structure and function.*

*Biopsychosocial factors influencing development, health and illness, including mental health*

*Social models of health*

*Basic principles of microbiology and infection control*

*Pathophysiological mechanisms underlying a range of common disorders*

*Basic principles of pharmacology*

## **Learning Activities**

The module is primarily lecture-based but students will also engage in a range of other activities including small group tutorials, on line learning and presentations. There will also be a number of online supporting resources

## **Notes**

This module provides an overview of the normal function of all body systems and their role in the maintenance of health. It also introduces the concepts of altered function and the biopsychosocial factors that can lead to ill health.