

### Summary Information

<b>Module Code</b>	4004NAFDN
<b>Formal Module Title</b>	Biological Sciences
<b>Owning School</b>	Nursing and Allied Health
<b>Career</b>	Undergraduate
<b>Credits</b>	20
<b>Academic level</b>	FHEQ Level 4
<b>Grading Schema</b>	40

### Module Contacts

#### Module Leader

Contact Name	Applies to all offerings	Offerings
Donal Deehan	Yes	N/A

#### Module Team Member

Contact Name	Applies to all offerings	Offerings
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#### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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### Teaching Responsibility

LJMU Schools involved in Delivery
Nursing and Allied Health

### Learning Methods

Learning Method Type	Hours
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Lecture	20
Online	5
Seminar	15
Tutorial	2

## Module Offering(s)

Offering Code	Location	Start Month	Duration
MAR-CTY	CTY	March	12 Weeks
SEP-CTY	CTY	September	12 Weeks

## Aims and Outcomes

<b>Aims</b>	To provide 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.
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## Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Demonstrate knowledge of biopsychosocial factors influencing development, health and illness
MLO2	Describe the basic structure of all major body systems and their functions in maintaining homeostasis
MLO3	Outline the basic processes underlying the changes in structure and function of the body across the lifespan
MLO4	Discuss the basic principles of pharmacology in relation to the mechanism of action of drugs used to treat a range of common disorders

## Module Content

Outline Syllabus
Basic processes underlying the changes in structure and function of the body across the lifecycle: Introduction to common illnesses from childhood to end of end of life. Terms and concepts relating to human structure and function. Organisation of the Body Psychological models of behaviour. Developmental psychology, abnormal psychology Theories of Mental distress; Classification of Mental Disorder; Descriptive Psychopathology Social models of health Basic principles of infection control Pathophysiological mechanisms underlying a range of common Disorders: Signs and symptoms, investigating and diagnosing illness Basic Pharmacology and psychopharmacology in relation to the mechanism of action of drugs used to treat a range of common disorders: Concepts and terms in pharmacology and pathophysiology; Causes and effects of illness

## Module Overview

### Additional Information

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. Students will be expected to study independently using directed materials from the module content.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Centralised Exam	Unseen exam	100	2	MLO3, MLO2, MLO4, MLO1