

### Summary Information

<b>Module Code</b>	5004NAFDN
<b>Formal Module Title</b>	Applied Biological Sciences
<b>Owning School</b>	Nursing and Allied Health
<b>Career</b>	Undergraduate
<b>Credits</b>	20
<b>Academic level</b>	FHEQ Level 5
<b>Grading Schema</b>	40

### Module Contacts

#### Module Leader

Contact Name	Applies to all offerings	Offerings
Conleth Kelly	Yes	N/A

#### Module Team Member

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

#### 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
Lecture	20
Online	10
Seminar	10
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 explore the biopsychosocial factors impacting upon acute and chronic conditions throughout the life span. To provide an enhanced knowledge of the pathophysiological basis of a range of acute and long term disorders
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## Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Explain the pathophysiological mechanisms underlying the signs & symptoms and care & management of a range of acute and long-term conditions.
MLO2	Analyse a range of biopsychosocial factors that impact on acute and chronic disease development and outcome
MLO3	Examine current trends in epidemiology
MLO4	Apply knowledge of pharmacology, and infection control to the management of acute and long term conditions.

## Module Content

Outline Syllabus
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 Disorders of the following systems: Cardio-pulmonary Respiratory Gastro-intestinal Renal Musculoskeletal Endocrine Genito-urinary Child & adolescent mental health Co-morbidity, physiological and psychological vulnerability across the lifespan (epidemiology) applied to health, ill health, disability, ageing and death relating to a range of bodily systems, Drug and Alcohol misuse in relation to long term conditions Pharmacology, poly-pharmacy, psychopharmacology

## Module Overview

### Additional Information

This module will give the Student an increased knowledge of the complex nature of acute and long term conditions and their management throughout the lifespan. The content will reflect epidemiological data, relevant national strategies and guidelines. 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	Seen paper	100	2	MLO1, MLO4, MLO2, MLO3