

Liverpool John Moores University

Title: Applying Nursing Sciences
Status: Definitive
Code: **5003NBSC** (118221)
Version Start Date: 01-08-2019

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

Team	Leader
Cheryl Grimes	Y
Donal Deehan	
Rosemary McCarthy	
Janet Williams	
Susan Baker	
May Baker	
Kate Knight	
Colin Jones	

Academic Level: FHEQ5 **Credit Value:** 20 **Total Delivered Hours:** 42

Total Learning Hours: 200 **Private Study:** 158

Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	20
Online	15
Seminar	5

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	MCQ & SA	MCQ AND SHORT ANSWER QUESTIONS	100	2

Aims

To provide an enhanced knowledge of the pathophysiological basis of a range of acute and long term disorders.

To explore the biopsychosocial factors impacting upon acute and chronic conditions throughout the life span.

Learning Outcomes

After completing the module the student should be able to:

- 1 Explain the pathophysiological mechanisms underlying the signs & symptoms and care & management of a range of acute and long-term conditions.
- 2 Analyse a range of biopsychosocial factors that impact on acute and chronic disease development and outcome.
- 3 Examine current trends in epidemiology.
- 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:

unseen exam	1	2	3	4
-------------	---	---	---	---

Outline Syllabus

Co-morbidity, physiological and psychological vulnerability across the lifespan applied to health, ill health, disability, ageing and death relating to:

Disorders of the systems-

cardio-pulmonary, respiratory, gastro-intestinal, musculoskeletal and genito-urinary systems. The reproductive tract and system. Neurological disorders and dermatological disorders

Cancer.

Acute and chronic pain across the lifespan.

Ear, nose and throat conditions

Physiological issues surrounding pregnancy and childbirth.

Development of psychological conditions including psychosis

Diagnostic and classification systems

Psychological and psychosocial factors in acute and long-term illness.

Psycho-pathology, normal and deteriorating mental health,.

Psychological issues surrounding pregnancy and childbirth.

Chronic stress and psychoimmunology.

Obesity.

Alcohol and substance use.

Genetic disorders.

Sexually transmitted infections

Disability

The relationship between physical/mental health problems and mental well-being

Health promotion and prevention
Complicated wounds and wound healing.
Infectious diseases
Pharmacology, poly-pharmacy, psychopharmacology, iatrogenesis.

Learning Activities

The module is primarily lecture based, but the students will also engage in a number of small-group activities including tutorials, presentations, and directed study. Extensive use will be made of Blackboard including links to organisations and patient support groups for specific conditions.

Notes

This module will give the student a comprehensive 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.