

## Liverpool John Moores University

Title: Applying Nursing Sciences  
Status: Definitive  
Code: **7002NMSC** (118346)  
Version Start Date: 01-08-2014

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

Team	Leader
Donal Deehan	Y
Frances Colbron	
Cheryl Grimes	

**Academic Level:** FHEQ7      **Credit Value:** 10.00      **Total Delivered Hours:** 32.00  
**Total Learning Hours:** 100      **Private Study:** 68

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	20.000
Tutorial	10.000

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Exam	MCQs and Short answer questions	100.0	2.00

<b>Competency</b>	Practice
-------------------	----------

### Aims

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

*To critically explore the physical and psychosocial factors impacting upon acute and*

*chronic conditions throughout the life span.*

## **Learning Outcomes**

After completing the module the student should be able to:

- 1 Understand 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 Critically explore 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 Exan	1	2	3	4
-------------	---	---	---	---

Practice

## **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.

## References

<b>Course Material</b>	Book
<b>Author</b>	Green, R. Harris, N
<b>Publishing Year</b>	2002
<b>Title</b>	Pathology and Therapeutics for
<b>Subtitle</b>	
<b>Edition</b>	2nd
<b>Publisher</b>	Pharmaceutical Press
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Porth, C.M
<b>Publishing Year</b>	2005
<b>Title</b>	Pathophysiology :Concepts of Altered
<b>Subtitle</b>	
<b>Edition</b>	7th
<b>Publisher</b>	Lippincott Williams &Wilkins
<b>ISBN</b>	

---

## 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 life span. The content will reflect epidemiological data, N.S.F. and N.I.C.E. guidelines, NHS Expert Patient report and the Department of health strategy "No Health without mental health".