

<b>Module Title</b> <b>Sciences for Holistic Adult Nursing Practice</b>	Reference NU2553 SCQF SCQF Level 8 SCQF Points 30 ECTS Points 15 Created July 2011 Approved April 2012 Amended June 2015 Version No. 2
<b>Keywords</b> Epidemiology; Aetiology; Pathophysiology and psychopathology; Pharmacology.	

## This Version is No Longer Current

The latest version of this module is available [here](#)

### Prerequisites for Module

Successful completion of Stage 1 or equivalent.

### Corequisite Modules

None.

### Precluded Modules

None.

### Aims of Module

To facilitate the student's application of the sciences to holistic adult nursing.

### Learning Outcomes for Module

On completion of this module, students are expected to be able to:

### Indicative Student Workload

<i>Contact Hours</i>	Full Time
Lectures, tutorials, online learning.	40

<i>Directed Study</i>	
Online learning activities, directed reading.	120

<i>Private Study</i>	140
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### Mode of Delivery

Lectures, tutorials, simulated clinical skills, online learning.

### Assessment Plan

Learning Outcomes Assessed
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- 1.Explain the epidemiology and aetiology of a range of common physical and mental health problems in acute/unscheduled and long terms conditions.
- 2.Outline the pathophysiology and psychopathology and related clinical features of common physical and mental health conditions.
- 3.Discuss key pathophysiological processes related to common physical and mental health problems.
- 4.Apply knowledge of pharmacological interventions in the management of common physical and mental health problems.

### Indicative Module Content

Epidemiology, aetiology, pathophysiology and psychopathology in related common physical and mental health problems- cardiovascular, endocrine, genetic, immune, infection, gastrointestinal, haematological, hepatic, musculoskeletal, neurologic, oncological, renal, respiratory, special senses, mental health disorders- anxiety, depression, bipolar, schizophrenia, borderline personality disorder, addiction and substance misuse; Pharmacology; Polypharmacy; Virology, inflammation, necrosis.

Component 1	1,2,3,4
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Written Examination.

### Indicative Bibliography

- 1.BERMAN, A. and SNYDER, S., 2013. *Kozier and Erb's fundamentals of nursing*. 9th ed. Harlow: Pearson.
- 2.DOWNIE, G., MACKENZIE, J. and WILLIAMS, A., 2008. *Pharmacology and medicines management for nurses*. 4th ed. Edinburgh: Churchill Livingstone.
- 3.PEATE, I. and NAIR, M., 2011. *Fundamentals of anatomy and physiology for student nurses*. Oxford: Wiley-Blackwell.
- 4.PEATE, I. et al., 2012. *Adult nursing: acute and ongoing care*. Harrow: Pearson.