

## MODULE DESCRIPTOR

### Module Title

Sciences For Advancing Adult Nursing

Reference	NU3882	Version	3
Created	July 2017	SCQF Level	SCQF 9
Approved	June 2015	SCQF Points	15
Amended	August 2017	ECTS Points	7.5

### Aims of Module

To facilitate the student's application of sciences to meet the essential and complex physical and mental healthcare needs of the adult.

### Learning Outcomes for Module

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

- 1 Critically explore the key pathophysiological processes related to complex physical and mental health conditions of the adult.
- 2 Discuss the pathophysiology of clinical features related to complex physical and mental health conditions of the adult.
- 3 Discuss the scientific basis for a range of investigative procedures related to complex physical and mental health conditions of the adult.
- 4 Critically discuss a range of pharmacological interventions in relation to complex physical and mental health conditions of the adult

### Indicative Module Content

Pathophysiological processes in selected complex physical and mental health problems; Pharmacology, Polypharmacy, Pharmaco-kinetics, Pharmaco-dynamics; Haemodynamics.

### Module Delivery

Lectures, tutorials, online learning.

**Indicative Student Workload**

	Full Time	Part Time
Contact Hours	40	N/A
Non-Contact Hours	110	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

**ASSESSMENT PLAN**

If a major/minor model is used and box is ticked, % weightings below are indicative only.

**Component 1**

Type:	Examination	Weighting:	100%	Outcomes Assessed:	1, 2, 3, 4
Description:	Written examination.				

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

Written examination.

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	C1 = A
<b>B</b>	C1 = B
<b>C</b>	C1 = C
<b>D</b>	C1 = D
<b>E</b>	C1 = E
<b>F</b>	C1 = F
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

Prerequisites for Module	Successful completion of Stage 2 or equivalent.
Corequisites for module	None.
Precluded Modules	None.

**INDICATIVE BIBLIOGRAPHY**

- 1 DOWNIE, G., MACKENZIE, J. and WILLIAMS, A., 2008. *Pharmacology and medicines management for nurses*. 4th ed. Edinburgh: Churchill Livingstone.
- 2 PEATE, I. and NAIR, M., 2011. *Fundamentals of anatomy and physiology for student nurses*. Oxford: Wiley-Blackwell.
- 3 PEATE, I. and NAIR, M., 2013. *Fundamentals of applied pathophysiology: an essential guide for nursing & healthcare students*. Oxford: Wiley-Blackwell.
- 4 UPTON, D., 2010. *Introducing psychology for nurses and healthcare professionals*. Harlow: Pearson Education Ltd.