

MODULE SPECIFICATION FORM

Module Title: Pharmacology	Level: 6	Credit Value: 20
----------------------------	----------	------------------

Module code: NHS649 (if known)	Cost Centre: GANG	JACS3 code*: B700
-----------------------------------	-------------------	-------------------

Trimester(s) in which to be offered: 2,3.	With effect from: February 2015
---	---------------------------------

Office use only: To be completed by AQSU:	Date approved: September 2010 Date revised: March 2015 Version no: 2
---	--

Existing/New: Existing	Title of module being replaced (if any):
------------------------	--

Originating Academic Department: Health	Module Leader: Yolanda Evans
---	------------------------------

Module duration (total hours)**: 200 Scheduled learning & teaching hours: 60 Independent study hours: 140 Placement hours: Nil	Status: core/option/elective Option (identify programme where appropriate):
---	--

*** see additional information attached for further guidance*

Programme(s) in which to be offered: BSc (Hons) Health Studies	Pre-requisites per programme (between levels): None
---	---

Module Aims

This module aims to enhance students' practice by providing them with the required knowledge of pharmacology, pharmacokinetics, medicines management and evidence base underpinning drug therapies for competent practice.

Intended Learning Outcomes:

1. Demonstrate a competent knowledge of pharmacology and pharmacokinetics and its application in the students' areas of practice;
2. Critically examine the use of pharmacological interventions from a legal and ethical perspective
3. Critically reflect upon theories, research and principles underpinning medicines management and drug administration;
4. Critically debate the rationale for pharmacological care strategies for patients;
5. Competently assess, plan, implement and evaluate interventions based on a systematically acquired knowledge of pharmacological interventions;

Key skills for employability

- Exercise initiative and personal responsibility in the practice context;
- Make decisions in complex practice situations;
- Communicate information to specialist and non-specialist audiences;
- Demonstrate competency in word processing and the presentation of data;
- Demonstrate competence in the use of libraries, databases and the internet to identify and subsequently use scholarly reviews and primary sources such as refereed research and original material relevant to the subject being studied;
- Manage their own learning.

Assessment:

Module outcomes are assessed by an examination in two parts:

Part 1) An unseen short answer paper which examines the student's knowledge and understanding of legal issues concerning prescribing and of their knowledge of pharmacology and pharmacokinetics.

Part 2) A seen paper (given one week prior to the examination) from which students must select 2 from 6 clinical scenarios around which to prepare an essay outlining the nursing management of the patient receiving drug therapy(ies). The student will be expected to use current research evidence to justify their proposed management strategy. Both sections must be passed for the student to pass overall.

Assessment number	Learning Outcomes to be met	Type of assessment***	Weighting	Duration (if exam)	Word count (or equivalent if appropriate)
1		Examination	50%	1 hour	
2		Examination	50%	1 hour	

Learning and Teaching Strategies:

A flexible learning approach will be adopted that incorporates: A series of lead lectures with student presentations and small group tutorials. Problem-based learning will be used. Directed learning using library resources will be promoted and classroom based learning will be supported through the use of the University's VLE

Syllabus outline:

Medicines management, Drugs accountability/legal and ethical context, Pharmacology and pharmacokinetics, Drug calculations, Absorption, metabolism and excretion of drugs, Cardiovascular drugs, Respiratory drugs, Drugs for the nervous system, Steroids, Analgesics, Antibiotics, Antiemetics, Diuretics, Anti-diabetic medications.

Bibliography:

Essential reading:

Barber, P., Robertson, D. (2009) Essentials of Pharmacology for Nurses. Maidenhead: OUP/McGraw – Hill Education.

Dimond, B (2008) Legal aspects of nursing (5th Edition). Harlow: Pearson Education.

Downie, G., Mackenzie, J., Williams, A., Hind, C. (2007) Pharmacology and Medicines Management for Nurses (4th Edition): London: Churchill Livingstone.

Greenstein, B, Gould, D. (2008) Trounce's Clinical Pharmacology for Nurses (18th Edition). London. Churchill Livingstone.