

Applied Pathophysiology and Pharmacology in Acute and Long Term Conditions

Module Code:	NUR7015-C
Academic Year:	2018-19
Credit Rating:	30
School:	School of Nursing and Healthcare Leadership
Subject Area:	Nursing
FHEQ Level:	FHEQ Level 7 (Masters)

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	15
Tutorials	25
Directed Study	109
Other (DO NOT USE)	150
Examinations DO NOT USE	1

Availability Periods

Occurrence	Location/Period
DIA	Dubai Knowledge Village / Semester 1 (Sep - Jan)
DIA	Dubai Knowledge Village / Semester 2 (Feb - May)
BDA	University of Bradford / Semester 1 (Sep - Jan)
BDA	University of Bradford / Semester 2 (Feb - May)

Module Aims

To develop and evaluate knowledge of general principles of pathophysiology and pharmacology that can be applied to your area of specialist practice and to common conditions that may co-exist with conditions of your specialist area. Synthesise theory and

knowledge in pathophysiology and pharmacology in order to critically appraise the assessment and management of patients within the student`s clinical setting.

Outline Syllabus

Acute and chronic inflammation and their application to COPD and asthma Pathophysiology and pharmacology of diabetes, ischaemic heart disease and related cardiovascular disease, common bacterial infections, cancer, neurological disorders.

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1 1.1 Critically analyse the literature and theoretical concepts related to the underlying pathophysiology of identified conditions.
 1.2 Critically evaluate and apply recent research related to the pharmacological management of identified conditions.
- 2 2.1 Justify the assessment, planning and management of patients with complex conditions through a critical application of pathophysiology and pharmacology in your own area of practice.
- 3 3.1 Demonstrate the ability to become an autonomous learner through independent study and critical reflection on continuing development needs.
 3.2 Demonstrate self-direction and originality in tackling and solving problems, and act autonomously in planning and implementing care.
 3.3 Retrieve, evaluate and apply appropriate information to inform and develop clinical practice.

Learning, Teaching and Assessment Strategy

Research informed key lectures will deliver core content; providing students with the opportunity to acquire knowledge and develop conceptual understanding(LO1.1, 1.2 &2.1). Seminars and group learning will be used to facilitate teacher/learner/ peer dialogue and inter-professional discussion and further develop and challenge conceptual understanding (LO1.1,1.2, 2.1, 3.2 &3.3), Directed study and hours described as 'other' provides students with the opportunity to undertake reading, participate in enquiry based learning, address individual learning needs, contextualise learning to the students own area of practice and reflect on practice (LO1.1,1.2, 2.1, 3.1, 3.2, 3.3) VLE will be used to provide access to online resources, lecture notes & external links to websites of interest. Labs and practicals will be held, if appropriate, to acquire new skills. Formative assessment and feedback at individual tutorials, meetings and through electronic communication will facilitate reflection and student self-assessment. LO 2.1, & 3.2, 3.3 are assessed by Mode of Assessment 1 . LO 1.1, 1.2, &3.3 are assessed by Mode of Assessment 2. 1.1& 1.2 is assessed by mode of assessment 3.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Presentation	Seminar presentation focused on pathophysiology/ pharmacology of a chosen condition (15 minutes)		25%	No
Summative	Examination - MCQ	Online (electronic) examination - MCQ EMQ	1 hour	25%	No
Summative	Coursework	2000 word assignment which critically evaluates a 'case history' from an appropriate clinical environment	0 hours	50%	Yes

Legacy Code (if applicable)

HNPI733T

Reading List

To view Reading List, please go to [rebus:list](#).