



Module Specification

Anatomy, Physiology and Pharmacology for Nursing

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Part 1: Information

Module title: Anatomy, Physiology and Pharmacology for Nursing

Module code: UZZYCC-30-1

Level: Level 4

For implementation from: 2024-25

UWE credit rating: 30

ECTS credit rating: 15

College: College of Health, Science & Society

School: CHSS School of Health and Social Wellbeing

Partner institutions: None

Field: Mental Health and Learning Disability

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: This module focuses on the essential concepts of anatomy, physiology and pharmacology and will facilitate an understanding of the human body and role of medicines in the context of nursing practice.

Features: Not applicable

Educational aims: Students will be facilitated to develop their knowledge and understanding of the integrated functioning of physiological systems in health. The

emphasis will be on identifying how knowledge of the structure and functions of the human body can inform nursing healthcare delivery in practice. The module will develop a sound basis of anatomy, physiology, and pharmacology for nursing practice in a dynamically changing healthcare environment in which developments in therapeutics, genomics and technologies continue to evolve.

Outline syllabus: The indicative content of the module will focus on the Nursing and Midwifery (NMC) Future Nurse Standards (2018) and will include:

Case based scenarios enable application of physiology

Case based scenarios to enable application of pharmacology

Homeostasis

Applied pharmacology

Genomics

Communication and control

Defence mechanisms

Sleep and rest

Excretion

Respiration

Feeding and nutrition

Body fluids and transport

Growth and Development

Movement and stability.

A fundamental aspect of nursing practice is to ensure that the care provided is inclusive and recognises diversity. Therefore, all modules within this programme have included the principles of globalisation, equality, diversity and inclusivity. Consideration has been given to module titles, the module description, the assessment, learning outcomes and the reading list.

Part 3: Teaching and learning methods

Teaching and learning methods: A range of learning and teaching activities will be utilised to support student learning and could include:

Lead lectures which may be delivered online or face to face

Online learning packages

Case studies-based scenarios with the involvement of service users to enable students to reflect on multiple perspectives needed to make effective and safe decisions

Seminars and group work will be utilised to support the beginning of problem solving and enquiry-based learning, in addition to the development of self-directed learning skills

Opportunities to learn through peer and academic feedback will be facilitated through the medium of formative assessment

All teaching and learning materials will be digitally accessible (The Public Sector Bodies Accessibility Regulations 2018) .

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Demonstrate knowledge and understanding of human anatomy, physiology and genomics and their implications for health, wellbeing, and nursing practice across a diverse population.

MO2 Demonstrate knowledge, understanding and application of the physiological principles of health, being able to explain the principles and dynamic processes of homeostasis.

MO3 Demonstrate knowledge, understanding and application of general pharmacological principles such as pharmacokinetics and pharmacodynamics, being able to apply knowledge to medicines encountered within fields of nursing.

MO4 Demonstrate an understanding of promoting and maintaining non-discriminatory practice.

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 228 hours

Face-to-face learning = 72 hours

Total = 0

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://rl.talis.com/3/uwe/lists/7BE7D742-4CBA-4258-5A63-4359C623E8A7.html?lang=en-GB&login=1) via the following link <https://rl.talis.com/3/uwe/lists/7BE7D742-4CBA-4258-5A63-4359C623E8A7.html?lang=en-GB&login=1>

Part 4: Assessment

Assessment strategy: The assessment for this module is by way of an examination. The examination will enable assessment across the module learning outcomes to ensure students have a broad and detailed understanding of the core concepts in anatomy, physiology, and pharmacology.

Formative assessments:

Opportunities for formative assessment will include online practice questions that will provide instant feedback. Small group activities and short presentations within seminars will provide opportunities for formative assessment by peers and academic staff. Safe Medicate examination online.

Summative assessment:

A summative written examination will enable assessment across the module learning outcomes to ensure students have a broad and detailed understanding of the core concepts in anatomy, physiology and pharmacology.

The assessment type has been selected with consideration to the programme as a whole and guided by the principles of the Inclusive Curriculum and Practice Toolkit, which aims to optimise learning for all students through developing multiple means of representation and means of expression of learning outcomes.

Assessment tasks:

Examination (First Sit)

Description: 2 Hour Examination

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Examination (Resit)

Description: 2 Hour Examination

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Nursing (Adult) [UCS] BSc (Hons) 2024-25

Nursing (Adult)[Glenside] BSc (Hons) 2024-25

Nursing (Children and Young People) [Glenside] BSc (Hons) 2024-25

Nursing (Learning Disabilities) [Glenside] BSc (Hons) 2024-25

Nursing (Mental Health) [Glenside] BSc (Hons) 2024-25

Nursing (Mental Health) [UCS] BSc (Hons) 2024-25