University of the West of Scotland

Module Descriptor

Title of Module: Health and Human Development 2			
Code:	**SCQF Level: 8 (Scottish Credit and Qualifications Framework)**	**Credit Points: 30**	**ECTS: 15 (European Credit Transfer Scheme)**
School:	School of Health and Life Sciences		
Module Co-ordinator:	Murray Sherriff-Short		

Summary of Module
This module will deepen the student's knowledge of anatomy physiology and health. There will be a focus on the applied pathophysiology and pharmacology to develop an understanding of clinical management relevant to the student's field of practice. The partnership between biosciences and nursing in this module will develop the skills of the student, in using bioscience to underpin clinical assessment and decision making. • In line with the BiNE framework, Health and Human Development 2 will focus on the application of following in the student's field of practice: Anatomy, physiology, and homeostatic mechanisms; pathophysiology, pharmacology and genomics. • The module will take a whole person approach to the understanding of: The physiological basis for assessment and investigation and the integration of knowledge of pathophysiological processes in clinical decision making, including medicines administration. • Specific annex A & B skills for the module are detailed in the programme skills schedule and preload is related application of principles of assessment with comorbidities, whole system thinking and clinical decision making in care scenarios utilising communication and nursing process to support simulation. • Programme threads of learning disability, dementia, trauma, and the law, inform module content.

Module Delivery Method

Face-To-Face	Blended	Fully Online	HybridC	Hybrid 0	Work-Based Learning
☐	☒	☐	☐	☐	☐

See Guidance Note for details.

Campus(es) for Module Delivery

The module will **normally** be offered on the following campuses / or by Distance/Online Learning: (Provided viable student numbers permit) (tick as appropriate)

Paisley:	Ayr:	Dumfries:	Lanarkshire:	London:	Distance/Online Learning:	Other:
☒	☒	☒	☒	☐	☐	Add name

Term(s) for Module Delivery

(Provided viable student numbers permit).

Term 1	☒	Term 2	☒	Term 3	☐

Learning Outcomes: (maximum of 5 statements)
These should take cognisance of the SCQF level descriptors and be at the appropriate level for the module.
At the end of this module the student will be able to:

L1	Apply understanding of pathophysiological processes to the assessment and management of people's health.
L2	Relate key concepts from the biosciences to a specific field of practice
L3	Explain the principles of pharmacology in relation to the disease process
L4	Demonstrate understanding of principles that promote decision making, concordance and management of medication

Employability Skills and Personal Development Planning (PDP) Skills

SCQF Headings	During completion of this module, there will be an opportunity to achieve core skills in:
Knowledge and Understanding (K and U)	SCQF Level **8** All students will develop knowledge and understanding of core anatomy, physiology, pharmacology, and pathophysiologic processes together with the clinical application of these

	concepts. Concepts common to both adult and mental health fields include pathophysiological processes caused by altered circulation and genetics. Examples of field specific, concepts may include knowledge and understanding pathophysiological processes relating to: • The stress response; mental health. • Carcinogenesis; adult health
Practice: Applied Knowledge and Understanding	SCQF Level **8** Application of knowledge, skills and understanding to field specific practice e.g. medicines management. Application of pharmacology to field specific medicines management.
Generic Cognitive skills	SCQF Level **8** Interpretation of clinical data. Critical analysis of evidence, e.g. in relation to assessment, investigation, or management Uses a range of approaches to formulate and critical evaluate evidence-based responses to common pathophysiological processes.
Communication, ICT and Numeracy Skills	SCQF Level **8** Use and evaluate numerical and graphical data in the context of clinical assessment, investigations, and management. Use numeracy in the context of safe medicines management. Convey complex information for a range of purposes.
Autonomy, Accountability and Working with others	SCQF Level **8** Take the lead on planning and prioritisation in simulation and class bases applied discussion.

Pre-requisites:	Before undertaking this module, the student should have undertaken the following:	
	Module Code:	**Module Title:**
	Other:	
Co-requisites	**Module Code:**	**Module Title:**

*Indicates that module descriptor is not published.

Learning and Teaching

The learning and teaching strategies applied to this module contribute towards the development of UWS graduate attributes as outlined in "I am UWS". See link: https://www.uws.ac.uk/current-students/your-graduate-attributes/. Specifically, Health and Human Development 2 will build knowledgeable, ambitious, and driven student nurses. The integrated model of sciences and nursing within the module will build skills in inquiry, analysis, and critical thinking. Ultimately, Health and Human Development 2 will contribute to the co-production of nurses who will be fit for practice, work ready and successful in any context.

In line with current learning and teaching principles, a 20-credit module includes 200 learning hours, normally including a minimum of 36 contact hours and maximum of 48 contact hours.

Learning Activities During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:	**Student Learning Hours** (Normally totalling 200 hours): (Note: Learning hours include both contact hours and hours spent on other learning activities)
Lecture/Core Content Delivery	18
Tutorial/Synchronous Support Activity	18
Laboratory/Practical Demonstration/Workshop	36
Asynchronous Class Activity	44
Independent Study	184
	Hours Total 300

**Indicative Resources: (eg. Core text, journals, internet access)

The following materials form essential underpinning for the module content and ultimately for the learning outcomes:

Betts, J.G., Desaix, P., Johnstone, J.E., Korol, O., Kruse, D., Poe, B., Wise, J., Womble, M.D., and Young, K.A. (2013) Anatomy and Physiology. Openstax: Texas

Elcock, K., Wright, W., Newcombe, P., Everett, F. (eds) (2019) Essentials of Nursing Adults. London: Sage

Hammer, G., D., and McPhee, S.J. (eds) (2018) Pathophysiology of Disease: An Introduction to Clinical Medicine. 9th Ed. McGraw Hill: London

McFadden, R. (2019) Introducing Pharmacology: for nursing and healthcare. Routledge: London

(**N.B. Although reading lists should include current publications, students are advised (particularly for material marked with an asterisk*) to wait until the start of session for confirmation of the most up-to-date material)

Attendance and Engagement Requirements

In line with the Student Attendance and Engagement Procedure: Students are academically engaged if they are regularly attending and participating in timetabled on-campus and online teaching sessions, asynchronous online learning activities, course-related learning resources, and complete assessments and submit these on time.

Equality and Diversity

The University's Equality, Diversity and Human Rights Procedure can be accessed at the following link: UWS Equality, Diversity and Human Rights Code.

Please ensure any specific requirements are detailed in this section. Module Co-ordinators should consider the accessibility of their module for groups with protected characteristics..

(N.B. Every effort will be made by the University to accommodate any equality and diversity issues brought to the attention of the school)

Supplemental Information

Divisional Programme Board	Adult Nursing Community and Heath
Assessment Results (Pass/Fail)	Yes ☒No ☐
School Assessment Board	BSc Pre Ran gistration Adult Nursing Programme
Moderator	Kath Limond
External Examiner	G Cox
Accreditation Details	UWS/ NMC
Changes/Version Number	1.08

Assessment: (also refer to Assessment Outcomes Grids below)

Assessment 1 An online multiple-choice assessment (100% weighting)
Assessment 2 Completion of Safe Medicate numeracy assessment passed at 100% (0% weighting)
(N.B. (i) **Assessment Outcomes Grids** for the module (one for each component) can be found below which clearly demonstrate how the learning outcomes of the module will be assessed. (ii) An **indicative schedule** listing approximate times within the academic calendar when assessment is likely to feature will be provided within the Student Module Handbook.)

Assessment Outcome Grids (See Guidance Note)

Component 1							
Assessment Type (Footnote B.)	**Learning Outcome (1)**	**Learning Outcome (2)**	**Learning Outcome (3)**	**Learning Outcome (4)**	**Learning Outcome (5)**	**Weighting (%) of Assessment Element**	**Timetabled Contact Hours**
Class test (written)	✓	✓	✓			100	1.5

Component 2							
Assessment Type (Footnote B.)	**Learning Outcome (1)**	**Learning Outcome (2)**	**Learning Outcome (3)**	**Learning Outcome (4)**	**Learning Outcome (5)**	**Weighting (%) of Assessment Element**	**Timetabled Contact Hours**
Class test (written)				✓		0	1

Component 3							
Assessment Type (Footnote B.)	**Learning Outcome (1)**	**Learning Outcome (2)**	**Learning Outcome (3)**	**Learning Outcome (4)**	**Learning Outcome (5)**	**Weighting (%) of Assessment Element**	**Timetabled Contact Hours**
Combined Total for All Components						**100%**	**2.5 hours**