Module Descriptor

Title	Anaesthesia & Medicine Management		
Session	2024/25	**Status**	Active
Code	NURS08052	**SCQF Level**	8
Credit Points	30	**ECTS (European Credit Transfer Scheme)**	15
School	**Health and Life Sciences**		
Module Co-ordinator	L MacKenzie		

Summary of Module

The aim of this module is to provide the underpinning theoretical knowledge and professional guidelines associated with safe anesthesia and medicine management.

Topics covered in this module include:

• Introduction to Anaesthesia and Medicine Management

• Pharmacology

• Medicine Management

• Numeracy and Calculations

• Pre anaesthesia patient care

• Post anaesthesia patient care

• Post anaesthesia complications

• Pain & nausea and vomiting management

• Professional, legal and ethical issues related to safe anaesthesia and medicine management

Graduate attributes acquired in the module include becoming knowledgeable, inquiring, research minded, collaborative and an effective communicator. The module will contribute to the WHO (2015) sustainable goal of ensuring healthy lives and promote well being.

Module Delivery Method	On-Campus[1] ☐	Hybrid[2] ☐	Online[3] ☒	Work -Based Learning[4] ☐
Campuses for Module Delivery	☐ Ayr ☐ Dumfries	☐ Lanarkshire ☐ London ☐ Paisley	☒ Online / Distance Learning ☐ Other (specify)	
Terms for Module Delivery	Term 1 ☒	Term 2 ☐	Term 3 ☐	
Long-thin Delivery over more than one Term	Term 1 – Term 2 ☐	Term 2 – Term 3 ☐	Term 3 – Term 1 ☐	

Learning Outcomes	
L1	Critically evaluates professional roles associated with anaesthetic management including knowledge of managing patient and environmental risk.
L2	Demonstrates understanding of legal, local and national policies and guidelines associated with medicine management.
L3	Understanding pharmacokinetic and pharmacodynamic effects and contraindications of drugs used in the perioperative setting.
L4	Demonstrates understanding of the importance of psychological and physical preparation of the individual and associate legal and ethical issues.
L5	Demonstrates accurate numeracy skills.

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 8 Demonstrating knowledge of a range of drugs utilised within anaesthetic, surgical and recovery care. Critically understanding of contraindications of drugs used in the perioperative setting.
Practice: Applied Knowledge and Understanding	SCQF 8 Applying knowledge of anaesthetic and medicine management to safe and effective practice.

	Applying knowledge and understanding of physical and psychological preparation of the patient to ensure patient safety.
Generic Cognitive skills	**SCQF 8** Critically understanding of perioperative ethical and legal issues associated with ODP practice.
Communication, ICT and Numeracy Skills	**SCQF 8** Effective engaging in multidisciplinary communication. Demonstrating accurate numerical skills.
Autonomy, Accountability and Working with Others	**SCQF 8** Demonstrating accountability to work within scope of practice within the perioperative team.

Prerequisites	**Module Code**	**Module Title**
	Other	
Co-requisites	**Module Code**	**Module Title**

Learning and Teaching
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. This module is a 30-credit module, which equates to 300 learning hours.

Learning Activities During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:	**Student Learning Hours** (Note: Learning hours include both contact hours and hours spent on other learning activities)
Lecture / Core Content Delivery	24
Tutorial / Synchronous Support Activity	10
Asynchronous Class Activity	20
Personal Development Plan	6
Independent Study	240
Please select	
TOTAL	300

Indicative Resources
The following materials form essential underpinning for the module content and ultimately for the learning outcomes:
Barber, P. and Robertson, D. (2020) Essentials of pharmacology for nurses. 4th ed. Available at: https://www.vlebooks.com/Product/Index/2088431?page=0 (Accessed: 7 August 2024). Freedman, R., Herbert, L., O'Donnell, A., Ross, N., Wilson, I.H. and Allman, K.G. (2022) Oxford Handbook of Anaesthesia. Oxford, United Kingdom. Available at: https://search.ebscohost.com/login.aspx?direct=true&db=nlebk&AN=3129255&site=ehost-

live (Accessed: 7 August 2024). Hughes, S.J. (ed.) (2022) Oxford Handbook of Perioperative Practice. 2nd edn. Available at: https://academic.oup.com/book/44299?login=true (Accessed: 7 August 2024).

Pears, R. (2019) Cite them right: the essential referencing guide. Available at: https://www.vlebooks.com/Product/Index/2025007?page=0 (Accessed: 7 August 2024).

Scarth, E. and Smith, S. (2016) Drugs in anaesthesia and intensive care. 5th edn. Oxford : Oxford University Press. Available at: https://web.p.ebscohost.com/ehost/detail/detail?vid=0&sid=0859da0c-fe47-46ad-856e-66f3c281fe86@redis&bdata=JnNpdGU9ZWhvc3QtbGl2ZQ==#AN=1109706&db=nlebk (Accessed: 7 August 2024).

Numeracy and Referencing

Davison, N. (2015) Numeracy and clinical calculations for nurses. Available: https://ebookcentral.proquest.com/lib/uws/reader.action?docID=6500022 (Accessed: 7 August 2024).

UWS Careers & Skills (nd) Numeracy. Available: https://uws.careercentre.me/Resources/CustomPage/18492 (Accessed: 7 August 2024).

Pears, R. (2019) Cite them right: the essential referencing guide. Available: https://www.vlebooks.com/Product/Index/2025007?page=0 (Accessed: 7 August 2024).

University of the West of Scotland (2022) Cite Them Right Harvard Referencing Examples. Available: https://uws-uk.libguides.com/referencing/examples (Accessed: 7 August 2024).

(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.

For the purposes of this module, academic engagement equates to the following:

Student's will engage with the module by attending all scheduled synchronous tutorials and participating with all delivered elements of their programme of study. Students must also attend their work-based placement, in line with the requirements of their NHS Employer.

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.

In line with current legislation (Equality Act, 2010) and the UWS Equality, Diversity, and Human Rights Code (UWS Equality, Diversity and Human Rights Code.), our modules are accessible and inclusive, with reasonable adjustment for different needs where appropriate. To promote inclusive practice, procedures and processes have been subject to Equality Impact Assessment where appropriate. In line with the Equality Act 2010 and UWS Refreshed Equality Outcomes 2021 - 2025 Public Sector Equality Duty Mainstreaming and Equality Outcomes Report 2021 the School of Health and Life Sciences encourages the disclosure of support requirements, including disability, at the recruitment stage and throughout the duration of the module. Emphasis is placed on confidentiality of information the benefits of disclosure and that no detriment to progress will be experienced. The School will endeavour

to make reasonable adjustments to teaching and learning approaches and arrangements for assessment, and (when applicable) periods of placement, where appropriate.

(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 Health
Overall Assessment Results	☐ **Pass / Fail** ☒ **Graded**
Module Eligible for Compensation	☒ **Yes** ☐ **No** **If this module is eligible for compensation, there may be cases where compensation is not permitted due to programme accreditation requirements. Please check the associated programme specification for details.**
School Assessment Board	Nursing & ODP Programmes
Moderator	G Heron
External Examiner	R Evans
Accreditation Details	HCPC
Module Appears in CPD catalogue	☐ **Yes** ☒ **No**
Changes / Version Number	

Assessment (also refer to Assessment Outcomes Grids below)
Assessment 1
A 3000 word written assessment, in which the student will discuss in detail, anaesthetic and medicine management, with reference to local and national guidelines and evidence-based best practice. Weighting 50%. (Compensation applied to this component only).
Assessment 2
Students will be required to undertake an online numeracy test. Pass mark 100%. Weighting - 50%
Assessment 3
(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.)

Component 1							
Assessment Type	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**	**Weighting of Assessment Element (%)**	**Timetabled Contact Hours**
Essay	☒	☒	☒	☒	☐	50	0

Component 2

Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
Class Test (written)	☐	☐	☐	☐	☒	50	2

Component 3							
Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
	☐	☐	☐	☐	☐		
Combined total for all components						100%	2 hours

Change Control

What	When	Who