

University of the West of Scotland

Module Descriptor

Session: 2023/24

Last modified: May 24

Status: Published

Title of Module: Anaesthesia & Medicine Management

Code: NURS08052	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:	Laura Mackenzie		

Summary of Module

The aim of this module is to provide the underpinning theoretical knowledge and professional guidelines associated with safe anaesthesia 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 management
- Professional, legal and ethical issues
- Graduate attributes acquired in the module include becoming knowledgeable, ethically minded and socially responsible, as you understand the significance of effective medicine management and safe care of a person undergoing anaesthesia.

Module Delivery Method

Face-To-Face	Blended	Fully Online	HybridC	HybridO	Work-based Learning
		✓			

Face-To-Face

Term used to describe the traditional classroom environment where the students and the lecturer meet synchronously in the same room for the whole provision.

Blended

A mode of delivery of a module or a programme that involves online and face-to-face delivery of learning, teaching and assessment activities, student support and feedback. A programme may be considered "blended" if it includes a combination of face-to-face, online and blended modules. If an online programme has any compulsory face-to-face and campus elements it must be described as blended with clearly articulated delivery information to manage student expectations

Fully Online

Instruction that is solely delivered by web-based or internet-based technologies. This term is used to describe the previously used terms distance learning and e learning.

HybridC

Online with mandatory face-to-face learning on Campus

HybridO

Online with optional face-to-face learning on Campus

Work-based Learning

Learning activities where the main location for the learning experience is in the workplace.

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)						
Paisley:	Ayr:	Dumfries:	Lanarkshire:	London:	Distance/Online Learning:	Other:
					✓	

Term(s) for Module Delivery					
(Provided viable student numbers permit).					
Term 1	✓	Term 2		Term 3	

Learning Outcomes: (maximum of 5 statements)
<p>On successful completion of this module the student will be able to:</p> <p>L1. Critically evaluates professional roles associated with anaesthetic management including knowledge of managing patient and environmental risk.</p> <p>L2. Demonstrates understanding of legal, local and national policies and guidelines associated with medicine management.</p> <p>L3. Understanding pharmacokinetic and pharmacodynamic effects and contraindications of drugs used in the perioperative setting.</p> <p>L4. Demonstrates understanding of the importance of psychological and physical preparation of the individual and associate legal and ethical issues.</p> <p>L5. Demonstrates accurate numeracy skills.</p>

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)	<p>SCQF Level 8.</p> <p>Demonstrating knowledge of a range of drugs utilised within anaesthetic, surgical and recovery care.</p> <p>Critically understanding of contraindications of drugs used in the perioperative setting.</p>
Practice: Applied Knowledge and Understanding	<p>SCQF Level 8.</p> <p>Applying knowledge of anaesthetic and medicine management to safe and effective practice.</p> <p>Applying knowledge and understanding of physical and psychological preparation of the patient to ensure patient safety.</p>
Generic Cognitive skills	<p>SCQF Level 8.</p> <p>Critically understanding of perioperative ethical and legal issues associated with ODP practice.</p>
Communication, ICT and Numeracy Skills	<p>SCQF Level 8.</p> <p>Effective engaging in multidisciplinary communication.</p> <p>Demonstrating accurate numerical skills.</p>

Autonomy, Accountability and Working with others	SCQF Level 8. Demonstrating accountability to work within scope of practice within the perioperative team.
--	---

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	
<p>Teaching and Learning Approaches This module aims to develop the student's knowledge and skill in the science, assessment and management of patients undergoing anaesthesia and to introduce the student to autonomous working practice and decision making.</p> <p>As part of the educational process, a climate will be created in which the autonomy and responsibility of the students, their individuality and professional backgrounds will be recognised to add a dynamic dimension to the teaching and learning that will take place.</p> <p>Independent Learning Students are expected to make use of all learning resources on the UWS VLE, there is an expectation that they read widely around the topic of Anaesthetic care and medicine management. This module is delivered via online distance learning. This is a 30 credit module, therefore it is anticipated this module will take approximately 20 hours study per week.</p> <p>Method of Delivery The module is delivered online as a distance learning module. The UWS virtual learning environment (VLE) allows staff and students remote access to interactive study tools, learning and teaching materials and electronic library resources over the internet. It also offers remote support through the provision of discussion forums.</p>	
<p>Learning Activities During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:</p>	<p>Student Learning Hours (Normally totalling 200 hours): (Note: Learning hours include both contact hours and hours spent on other learning activities)</p>
Lecture/Core Content Delivery	36
Asynchronous Class Activity	30
Independent Study	210
Personal Development Plan	24
	300 Hours Total

**Indicative Resources: (eg. Core text, journals, internet access)
<p>The following materials form essential underpinning for the module content and ultimately for the learning outcomes:</p> <p>Barber, P. and Robertson, D. (2020) 4th ed. Essentials of pharmacology for nurses. Available: https://www.vlebooks.com/Product/Index/2088431?page=0 [Accessed: 25 February 2022].</p> <p>Barber, P., Parkes, J. and Blundell, D. (2012) Drugs used in Anaesthesia. In: Barber, P., Parkes, J. and Blundell, D. Further essentials of pharmacology for nurses. Available: https://web.p.ebscohost.com/ehost/ebookviewer/ebook/bmxlYmtfXzQ1MDYxNV9fQU41?sid=ca00279a-0d5c-4442-b739-3966397ea48a@redis&vid=0&format=EB&rid=1 [Accessed: 25 February 2022].</p>

Rothrock, J.C. and McEwen, D. (ed) (2018) Alexander's Care of the Patient in Surgery - E-Book. Available: <https://www.vlebooks.com/Product/Index/1311402?page=0> [Accessed: 25 February 2022].

Woodhead, K. And Fudge, L. (ed) (2012) Manual of Perioperative Care. Available: Dawsonera. [Accessed: 19 March 2020].

Davison, N. (2015) Numeracy and clinical calculations for nurses. Available: <https://ebookcentral.proquest.com/lib/uws/reader.action?docID=6500022> [Accessed: 25 February 2022].

UWS Careers & Skills (nd) Numeracy. Available: <https://uws.careercentre.me/Resources/CustomPage/8435> [Accessed: 23 July 2020]

Pears, R. (2019) Cite them right: the essential referencing guide. Available: <https://www.vlebooks.com/Product/Index/2025007?page=0> [Accessed: 10 March 2022].

University of the West of Scotland (2022) Cite Them Right Harvard Referencing Examples. Available: <https://uws-uk.libguides.com/referencing/examples> [Accessed: 10 March 2022]

Additional electronic resources on UWS VLE

(**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)

Engagement Requirements

In line with the Academic Engagement Procedure, Students are defined as academically engaged if they are regularly engaged with timetabled teaching sessions, course-related learning resources including those in the Library and on the relevant learning platform, and complete assessments and submit these on time. Please refer to the Academic Engagement Procedure at the following link: [Academic engagement procedure](#)

Where a module has Professional, Statutory or Regulatory Body requirements these will be listed here: It is expected that students will attend all scheduled classes or participate with all delivered elements as part of their engagement with their programme of study, in line with the requirements of the UWS Student Success Policy, and UWS Academic Attendance and Engagement Procedure.

Supplemental Information

Programme Board	Adult Nursing & Healthcare
Assessment Results (Pass/Fail)	No
Subject Panel	Nursing & ODP Programmes
Moderator	Gregor Heron
External Examiner	R Evans
Accreditation Details	HPCPC
Changes/Version Number	1.08 Moderator updated, EE updated

Assessment: (also refer to Assessment Outcomes Grids below)

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%.

Students will be required to undertake an online numeracy test. Pass mark 80%. Weighting - 50% .

(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 Handbook.)

Assessment Outcome Grids (Footnote A.)

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
Essay	✓	✓	✓	✓		50	1

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)					✓	50	1.5
Combined Total For All Components						100%	2.5 hours

Footnotes

A. Referred to within Assessment Section above

B. Identified in the Learning Outcome Section above

Note(s):

1. More than one assessment method can be used to assess individual learning outcomes.
2. Schools are responsible for determining student contact hours. Please refer to University Policy on contact hours (extract contained within section 10 of the Module Descriptor guidance note).
This will normally be variable across Schools, dependent on Programmes &/or Professional requirements.

Equality and Diversity

This module is appropriate for all students. 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 (uws.ac.uk) (pp. 37 - 39) 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 a student has disclosed specific requirements.

[UWS Equality and Diversity Policy](#)

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