

Prifysgol Wreccsam Wrexham University

Module specification

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Module Code	VEN601
Module Title	Veterinary Nursing in a Changing World
Level	6
Credit value	20
Faculty	FSLS
HECoS Code	100523
Cost Code	GAAN
Pre-requisite module	N/A

Programmes in which module to be offered

Programme title	Core/Optional/Standalone
BSc Hons Top Up Veterinary Nursing	Core

Breakdown of module hours

Learning and teaching hours	24 hrs
Placement tutor support hours	0 hrs
Supervised learning hours e.g. practical classes, workshops	0 hrs
Project supervision hours	0 hrs
Active learning and teaching hours total	24 hrs
Placement hours	0 hrs
Guided independent study hours	176 hrs
Module duration (Total hours)	200 hrs

Module aims

This module explores the dynamic and evolving role of veterinary nurses in response to global challenges and emerging trends. It will examine key developments in the industry such as the integration of a One Health and One Welfare approach, the impact of global disease outbreaks, and advancements in technology and sustainability within the veterinary nursing profession. The module seeks to equip students with the knowledge and skills necessary to adapt to and shape the future of veterinary nursing in an increasingly dynamic global landscape.

Module Learning Outcomes

At the end of this module, students will be able to:

1	Synthesise knowledge of evolving veterinary nursing roles, critically appraising the impact of professional empowerment and career progression within the industry.
2	Critically evaluate the impact of the One Health and One Welfare frameworks on the wider veterinary profession.
3	Explore the role of veterinary nursing in sustainability, identifying strategies to reduce the environmental impact of veterinary practice.
4	Critically assess advancements in veterinary nursing and their impact on the profession and patient care.

Assessment

Indicative Assessment Tasks:

This section outlines the type of assessment task the student will be expected to complete as part of the module. More details will be made available in the relevant academic year module handbook.

Assessment 1: Students will create an academic research poster designed for presentation at a relevant conference (assessment 1: LO 2, 3).

Assessment 2: Students will be expected to discuss their poster in a 10-minute oral discussion (assessment 2: LO 1, 4) with their module tutor. This will be a question and answer session typical of a 'poster session' at a research conference.

Assessment number	Learning Outcomes to be met	Type of assessment	Duration/Word Count	Weighting (%)	Alternative assessment, if applicable
1	2, 3	Coursework	1,000 words	60%	N/A
2	1, 4	Oral assessment	10minutes	40%	N/A

Derogations

N/A

Learning and Teaching Strategies

The students' learning will include a close link between theory and practice.

Learning strategies are a combination of directed and self-directed learning. A blended format will be utilised to deliver this module. An active and inclusive learning environment will enable flexible, accessible, and individualised learning opportunities for students. Lectures, seminars, interdisciplinary discussions, and case studies will be utilised to create an engaging and immersive learning environment. Guest speakers from public health, sustainability, and other sectors of the veterinary profession will provide insights, encouraging students to engage in cross-disciplinary discussions. This approach will include both synchronous and asynchronous learning aligned to the university's Active Learning Framework (ALF).

An active and inclusive approach is used to engage learners in the topics and will involve individual, group work and flipped learning experiences. The Moodle VLE and other on-line materials and resources will be available to support learning.

Welsh Elements

Reference will be made to Welsh organisations such as the British Small Animal Veterinary Association (BSAVA) Cymru <https://www.bsava.com/education/cpd/regional-cpd/cymruwales/> who enable the community of Welsh veterinary professionals to develop their knowledge and skills through leading-edge education, scientific research and collaboration in Wales. Policies and laws relating to Wales will also be included in the module delivery such as Lucy's Law <https://www.iwa.wales/agenda/2021/09/how-wales-can-lead-the-way-on-animal-welfare/> and the work that the RSPCA Cymru has completed by working closely the National Assembly for Wales since 1999 for example to change laws and policies to improve animal welfare <https://www.rspca.org.uk/whatwedo/endcruelty/changingthelaw/inwales/>

Students can present their work, access forms, resources, email correspondence, work placements and personal tutorials in Welsh.

Indicative Syllabus Outline

- Nurses role in One Health o Examination of the veterinary nurse's contribution to One Health, with emphasis on zoonotic disease prevention, antimicrobial stewardship, and interprofessional collaboration across human, animal, and environmental health sectors.
- Exploration of emerging and re-emerging global diseases, their clinical implications, and the role of veterinary nurses in disease surveillance, biosecurity, and public health education.
- Future of schedule 3 o Critical evaluation of Schedule 3 in the context of clinical competency, patient safety, and the evolving professional responsibilities of registered veterinary nurses, highlighting discussions around potential future changes.
- Advancements in technology o Appraisal of current and emerging technologies, including telemedicine, wearable diagnostics, and AI in clinical support, and their impact on veterinary nursing practice.
- Strategies for promoting environmental sustainability within clinical settings, including waste reduction, sustainable procurement, and advocacy for greener practice standards.
- Progression of the nurse role o Analysis of role progression in clinical, educational, research, and leadership domains, including pathways for advanced practice and specialisation.

- Legislative changes o Review of recent and proposed legislative changes affecting veterinary nursing practice, professional regulation, and accountability.
- Exploration of diverse career opportunities for veterinary nurses, including roles in industry, education, research, regulation, and global health initiatives.

Indicative Bibliography

Please note the essential reads and other indicative reading are subject to annual review and update.

Essential Reads:

Jones, R. and Jeffery, A. (2023), *One Health For Veterinary Nurses And Technicians: An Introduction*. Wallingford: CABI Publishing

Other indicative reading:

RCVS Knowledge. (n.d.). <https://knowledge.rcvs.org.uk/home/>.

VN Futures. <https://vnfutures.org.uk/>.

The Veterinary Nurse

Administrative Information

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