Prifysgol Wrecsam
Wrexham University

Module specification

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Module Code	ANM431
Module Title	Introduction to Canine Anatomy and Physiology
Level	4
Credit value	20
Faculty	Faculty of Social and Life Sciences
HECoS Code	100523
Cost Code	GAAN
Pre-requisite module	NA

Programmes in which module to be offered

Programme title	Core/Optional/Standalone
FdSc Canine Behaviour Training and Performance	Core

Breakdown of module hours

Learning and teaching hours	30 hrs
Placement tutor support hours	0 hrs
Supervised learning hours e.g. practical classes, workshops	6hrs
Project supervision hours	0 hrs
Active learning and teaching hours total	**164 hrs**
Placement hours	0 hrs
Guided independent study hours	0 hrs
Module duration (Total hours)	**200 hrs**

Module aims

This module provides foundational knowledge of canine anatomy and physiology, enabling students to understand the structure and function of major body systems. It introduces normal and abnormal physiological processes and their relevance to disease presentation, welfare considerations and professional practice. The module also examines the biological and genetic principles underpinning canine breeding, supporting awareness of ethical and welfare implications within the sector.

Module Learning Outcomes

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

1	Identify the structure and function of the major anatomical systems of the canine body using correct terminology
2	Recognise normal and abnormal physiological processes and relate these to disease presentation (K19,K20)
3	Identify the different stages and care required in dog breeding, including the role of genetics in the breeding process (K19,K20)

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: Group Presentation (50%)
Students will deliver a group presentation examining canine breeding stages, genetic principles and associated welfare implications. professional boundaries.

Assessment 2: In-Class Test (50%)
Students will complete an unseen in-class test comprising multiple-choice, short-answer and applied scenario questions assessing anatomical knowledge, physiological function, recognition of normal and abnormal processes, disease presentation and associated risk and biosecurity considerations relevant to professional practice.

Assessment number	Learning Outcomes to be met	Type of assessment	Duration/Word Count	Weighting (%)	Alternative assessment, if applicable
1	3	Presentation	20 Min	50	N/A
2	1,2	In-class test	1.5Hrs	50	N/A

Derogations

N/A

Learning and Teaching Strategies

Learning will be delivered through lectures, seminars, practical sessions and directed independent study. Students will apply anatomical and physiological knowledge through case studies, practical activities and formative learning to support the development of scientific knowledge and professional practice.

Welsh Elements

This module reflects the Welsh legislative and professional context in which canine health and welfare practice operates. Reference will be made to relevant Welsh Government legislation and codes of practice where applicable, particularly in relation to animal welfare and breeding standards. Consideration will also be given to the role of local authority enforcement and regulatory structures within Wales.

Students will be encouraged to recognise the importance of bilingual communication and culturally inclusive practice within professional settings in Wales.

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

Indicative Syllabus Outline

- Professional conduct in supervised workplace settings, including scope of practice, ethical behaviour and adherence to organisational policies
- Application of health and safety procedures, including risk assessment in real workplace contexts
- Duty of care and animal welfare responsibilities in practice
- Environmental and sustainability considerations within the workplace
- Maintenance of accurate and appropriate professional documentation, including use of workplace digital systems
- Reflective practice to support professional development, effective workplace communication and adherence to professional boundaries

Indicative Bibliography

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

Essential Reads:
Aspinall, V. and Cappello, M. (2024), *Introduction to Animal and Veterinary Anatomy and Physiology*. 5th ed. Wallingford: CABI.

Other indicative reading:
Klein, B.G. (2019), *Cunningham's textbook of veterinary physiology*. 6th ed. Missouri: Elsevier.

Singh, B. (2016), *Saunders veterinary anatomy colouring book*. 2nd ed. St Louis: Elsevier.

Administrative Information

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Date and details of revision	
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