

## Module specification

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Module code	ANM520
Module title	Practical Health and Disease
Level	5
Credit value	20
Faculty	FSLS
HECoS Code	100523

### Programmes in which module to be offered

Programme title	Is the module core or option for this programme
FdSc Canine Behaviour Training and Performance	Core

### Pre-requisites

N/A

### Breakdown of module hours

Learning and teaching hours	20 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops	10 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
<b>Total active learning and teaching hours</b>	<b>30 hrs</b>
Placement / work based learning	0 hrs
Guided independent study	170 hrs
<b>Module duration (total hours)</b>	<b>200 hrs</b>

<b>For office use only</b>	
Initial approval date	12/05/2022
With effect from date	September 2023
Date and details of revision	
Version number	1

## Module aims

This module continues to extend and develop our students' knowledge and understanding of canine health and disease from their anatomy and physiology module. The disease process will be examined and the physiological status which affects the normal parameters.

This module will examine the different pathogens and how they manifest into disease states. An introduction to immunology will provide the students with the understanding on how our dogs physiology can help to fight disease. The role of immunisation and vaccination protocols will also be included in this module.

## Module Learning Outcomes - at the end of this module, students will be able to:

1	Evaluate the aetiology, pathogenesis and pathophysiology for infectious and non-infectious common diseases.
2	Examine the role of the immune system and the importance of good husbandry in disease control and prevention.
3	Devise health assessments and first-aid protocols for a range of scenarios.

## 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.

1. In class test: MCQ, short answer, problem-based questions (2 hours)
2. Practical: Devise and carryout health assessments and first aid protocols for a range of scenarios

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1 and 2	In-class test	60
2	3	Practical	40

## Derogations

N/A

## **Learning and Teaching Strategies**

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A blended format will be utilised to deliver this module. An active and inclusive learning environment aligned to Universities ALF will enable flexible, accessible, and individualised learning opportunities for students. This approach will include both synchronous and asynchronous learning. Practical sessions and workshops will enable students to implement theory in practice. Assessments will take place mid-point and at the end of the module.

## **Indicative Syllabus Outline**

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Pathogens, bacteria, viruses, protozoa, fungal, parasites, replication, mode of transmission, vectors, carriers, zoonotic consideration, notifiable and reportable diseases, canine infectious diseases, aetiology, pathogenesis and pathophysiology, clinical signs, incubation period, non-infectious conditions of body systems, to include respiratory system, cardiovascular system, haemopoietic system and neoplasms, digestive system, musculoskeletal system, endocrine system, nervous system, renal system, reproductive system.

The immune defence system, innate and adaptive immunity, cells of the innate system, molecules of the innate system, inflammation, antigens, lymphocytes and the adaptive system, specificity and memory, antibody structure and classes, principles of vaccination, immunisation, prophylactic protocols, husbandry, and management systems.

Health assessment to include physiological parameters, CRT, pulse points, mentation, handling and restraint, normal and abnormal signs, recognition of pain, first aid principles and emergency care for a range of injuries and accidents, CPR, ABCD, common toxins.

## **Indicative Bibliography:**

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

### **Essential Reads**

Cooper, B., Turner, L. and Mullineaux, E. (2020), *BSAVA Textbook of Veterinary Nursing*, 6<sup>th</sup> ed. Gloucester: British Small Animal Veterinary Association.

### **Other indicative reading**

Merrill, L. (ed) (2012), *Small Animal Internal Medicine for Veterinary Technicians and Nurses*, Chichester: Wiley Blackwell.

Weese, J.S. and Evason, M. (eds) (2020), *Infectious Diseases of the Dog and Cat* New York: CRC Press.

## **Employability skills – the Glyndŵr Graduate**

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Each module and programme is designed to cover core Glyndŵr Graduate Attributes with the aim that each Graduate will leave Glyndŵr having achieved key employability skills as part of their study. The following attributes will be covered within this module either through the content or as part of the assessment. The programme is designed to cover all attributes and each module may cover different areas.

**Core Attributes**

Engaged  
Creative  
Ethical

**Key Attitudes**

Commitment  
Curiosity  
Confidence  
Adaptability

**Practical Skillsets**

Digital Fluency  
Organisation  
Critical Thinking  
Emotional Intelligence  
Communication