

## Module specification

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Module code	ANM524
Module title	Specialist Training 2
Level	5
Credit value	20
Faculty	FSLS
HECoS Code	100522

## 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	10 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops	20 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 analyses specific specialist areas of expertise in field of canine scent detection building upon knowledge gained in specialist training 1. The module is highly practical giving students the opportunity to apply theory to practice under the supervision of experts in the industry with a broad range of experience.

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

1	Analyse the use of detection dogs and handlers in a range of scenarios
2	Formulate and undertake a range of specialist scent detection exercises with regard for Health and Safety and animal welfare
3	Critically evaluate human / dog performance in a range of specialist scent detection exercises

## 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 (1.5 hrs)
2. Practical; Formulate and undertake a range of specialist scent detection exercises with regard for Health and Safety and animal welfare
3. Oral: Critically evaluate human / dog performance in a range of specialist scent detection exercises

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1	In-class test	30
2	2	Practical	50
3	3	Oral	20

## 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 specialist workshops will enable students to implement theory in practice. Assessments will take place Mid place and at the end of the module.

## Indicative Syllabus Outline

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Conservation and wildlife detection dogs, target species, welfare of dogs and target species, environmental consideration, biosecurity, maintaining target fidelity in the field, training samples, scat, non-living, live targets, medical detection dogs, drugs, firearms, tobacco, explosives, training bodies and organisations, training fundamentals, selection of dogs and personnel for different specialisms, odour plumes.

Practical scent detection exercises, ethical training considerations, training duration, equipment types and uses, selection of appropriate equipment for individual tasks and dogs, selection of appropriate training tasks suitable for the dog and handler, writing and assessing training plans, recording progress and reflection on training, risk assessment, welfare checks, monitoring dog performance and reading dog behaviour, handler influence, reflective practice.

## Indicative Bibliography:

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

### Essential Reads

Jezierski, T., Ensminger, J. and Papet, L.E. (eds.) (2016). *Canine Olfaction Science And Law: Advances In Forensic Science, Medicine, Conservation, And Environmental Remediation*. Boca Raton: CRC Press.

### Other indicative reading

Osterkamp, T., (2020), *Detector Dogs and Scent Movement: How Weather, Terrain, And Vegetation Influence Search Strategies*. Boca Raton: CRC Press.

Nielsen, B.L., (2017) *Olfaction in animal behaviour and welfare*. Oxfordshire: CABI.

## 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  
Resilient  
Confidence  
Adaptability

**Practical Skillsets**

Organisation  
Critical Thinking  
Emotional Intelligence  
Communication