

Module specification

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Refer to the module guidance notes for completion of each section of the specification.

Module code	ANM423
Module title	Introduction to Conservation Detection Dogs
Level	4
Credit value	10
Faculty	FSLS
Module Leader	Angela Winstanley
HECoS Code	100522
Cost Code	GAAN

Programmes in which module to be offered

Programme title	Is the module core or option for this programme
Standalone module aligned to FdSc Animal Behaviour Welfare and Conservation for QA and assessment purposes	Option

Pre-requisites

None

Breakdown of module hours

Learning and teaching hours	8 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
Total active learning and teaching hours	18 hrs
Placement / work based learning	0 hrs
Guided independent study	82 hrs
Module duration (total hours)	100 hrs

For office use only	
Initial approval date	29/06/2021
With effect from date	01/09/2021
Date and details of revision	
Version number	1

Module aims

This module introduces students to concept of utilising detection dogs in the field of conservation. Students will be familiarised with the role of conservation dogs, target species, habitats, search methods and training techniques. Students will develop an awareness of the need for ethical and safe practices whilst ensuring good welfare for dogs and wildlife.

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

1	Describe the role of conservation dogs and ethical practice, identify target species and field signs
2	Identify canine behaviour and reflect on training techniques and practices

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: Students will be required to complete an online assessment in the form of short answer and multiple choice questions.

2: Students will complete a series of short reflective logs which will detail the practical elements of the course.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1	In-class test	50
2	2	Coursework	50

Derogations

None

Learning and Teaching Strategies

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 8 hrs of both synchronous and asynchronous learning. Students will take part in practical seminars and dog training sessions to a total of 10 hrs as indicated in the breakdown of module hours table.

Indicative Syllabus Outline

Learning outcome 1

- The role of conservation dogs and handlers, skill sets and attributes
- Species and habitats
- Wildlife crime detection
- Interprofessional alliances, law and ethics
- Local and global case studies

Learning outcome 2

- Introduction to Canine olfactory anatomy & physiology
- Behavioural observation and interpretation
- Overview of training methods
- Establishing motivation and drive
- Equipment
- Health and Safety, Risk assessment, welfare of dogs and target species

Indicative Bibliography:

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

Essential Reads

Whitehouse-Tedd, K., Richards, N., & Parker, M. (2021), Dogs and Conservation: emerging themes and considerations. *Journal of Vertebrate Biology*, 69, E2004.1 - 4.

Other indicative reading

(Papers and online materials will be utilised rather than books due to the contemporary and changing nature of the topic)

Miklósi, Á., (2014). Dog behaviour, evolution, and cognition. oUp oxford.

Matthew E.E., Verster R. & Weldon C. (2020), A case study in canine detection of giant bullfrog scent. *J. Vertebr. Biol.* 69: 20043. <https://doi.org/10.25225/jvb.20043>.

Matthew E.E. & Relton C.E. (2020), Training methodology for canine scent detection of a critically endangered lagomorph: a conservation case study. *J. Vertebr. Biol.* 69: 20092. <https://doi.org/10.25225/jvb.20092>.

Employability skills – the Glyndŵr Graduate

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. [Click here to read more about the Glyndwr Graduate attributes](#)

Core Attributes

Engaged
Enterprising
Creative
Ethical

Key Attitudes

Commitment
Curiosity
Resilience
Confidence
Adaptability

Practical Skillsets

Digital Fluency
Organisation
Leadership and Team working
Critical Thinking
Emotional Intelligence
Communication