

Module specification

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Module Code	ANM434
Module Title	Field Skills and Identification
Level	4
Credit value	20
Faculty	FSLS
HECoS Code	100219 100347 101376
Cost Code	GAAN

Programmes in which module to be offered

Programme title	Is the module core or option for this programme
FdSc Practical Wildlife Management	Core

Pre-requisites

N/A

Breakdown of module hours

Learning and teaching hours	18 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops	18 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total active learning and teaching hours	36 hrs
Placement / work based learning	0 hrs
Guided independent study	164 hrs
Module duration (total hours)	200 hrs

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

Module aims

This module will introduce students to the identification of a range of plants and animals in the field. Students will learn about the anatomy of organisms and learn how to relate these anatomical features to identification keys. Students will be shown a variety of techniques for finding, observing and tracking wildlife in the field where they will learn how to utilise their identification skills under field conditions.

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

1	Explain hierarchical classification and the use of binomial and common names of plants and animals
2	Locate and identify anatomical features used in the identification of plants and animals
3	Utilise identification keys for a range of plants and animals

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: Presentation: Hierarchical classification of a chosen species (15 mins) (1500 word equivalent)

Assessment 2: Portfolio of correctly identified plant and animal specimens (1500 word equivalent)

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1	Presentation	40
2	2, 3	Portfolio	60

Derogations

N/A

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 both synchronous and asynchronous learning. Practical sessions, workshops and field trips (to a range of habitats) will enable students to implement theory in practice. Assessments will take place midpoint and at the end of the module.

Indicative Syllabus Outline

Principles of Linnaean taxonomy, hierarchical classification, introduction to major groups in the UK and their identifying characteristics; flowering plants, bryophytes, pteridophytes, arthropods, molluscs, annelids, birds, mammals, amphibians, reptiles, and aquatic macrofauna

Understand the principles of identification key use, identify anatomical characteristics of identification through hand lens and microscope use, use of laboratory specimens

Biological identification keys, familiarisation with identification (from field trips) of flowering plants, bryophytes, pteridophytes, arthropods, molluscs, annelids, birds, mammals, amphibians, reptiles, and freshwater invertebrates. Distribution, habitat and field signs

Indicative Bibliography:

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

Essential Reads

Stace, C., (2019). *New flora of the British Isles*. 4th Edition. Buckinghamshire: Pemberley Books.

Other indicative reading

Archer-Thomson, J. and Cremona, J. (2019), *Rocky Shores (British Wildlife Collection)*. London: Bloomsbury Wildlife.

Chinery, M. (2009), *Collins Complete Guide to British Insects*. London: Collins.

Sterry, P. (2008), *Collins Complete Guide to British Wildlife*. London: Collins.

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.

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