

Wildlife Forensics

Module Information

2022.01, Approved

Summary Information

Module Code	5210NATSCI
Formal Module Title	Wildlife Forensics
Owning School	Biological and Environmental Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Biological and Environmental Sciences

Learning Methods

Learning Method Type	Hours
Lecture	28
Practical	24
Workshop	3

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	12 Weeks

Aims and Outcomes

Aims	To introduce forensic methodologies in biological and environmental sciences applicable to the study of wildlife crime.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Discuss the reasons why wild animals are illegally traded and killed and what can be done to control them.
MLO2	2	Evaluate the means by which animals and animal body parts can be identified in a forensic context.
MLO3	3	Explain how the provenance of animals and animal products can be established.
MLO4	4	Discuss the collection of evidence from living and dead animals and the importance of documentation and chain of custody.

Module Content

Outline Syllabus	The animal as evidence, determining non-accidental injury, behavioural considerations of animals, evidence collection and storage, chain of custody. Blood, tissues and animal parts as forensic evidence. Determining the provenance of animals and animal body parts. Poaching, illegal collection, poisoning, and killing of wild animals. The illegal trade in animals, bushmeat, animal parts, and products and how they can be controlled. The importance of legislation and conservation bodies: CITES, UK and EU Law. Case studies - applications to forensic science, data interpretation, the role of the forensic scientist.
Module Overview	This module is designed to make you aware of the applications of forensic techniques to the identification and combating of wildlife crime. By the end of the module you should be able to use data obtained by these techniques in forensic interpretation.
Additional Information	This module is designed to make students aware of the applications of forensic techniques to the identification and combating of wildlife crime. By the end of the module students should be able to use data obtained by these techniques in forensic interpretation.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Centralised Exam	Examination	50	2	MLO1, MLO2, MLO3, MLO4
Report	Practical Report	50	0	MLO2

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Alan Gunn	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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