



MODULE SPECIFICATION

Part 1: Information			
Module Title	Wildlife Forensics		
Module Code	USSKM9-15-M	Level	Level 7
For implementation from	2020-21		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Health & Applied Sciences	Field	Applied Sciences
Department	HAS Dept of Applied Sciences		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Educational Aims: See Learning Outcomes</p> <p>Outline Syllabus: Forensic Ecology: The potential and realised contribution of animals, plants, fungi and their derivatives in investigating serious crimes such as rape, murder and serious pollution events.</p> <p>UK Wildlife Crime: Current priorities of the National Wildlife Crime Unit: Raptor persecution, badger persecution, bat persecution, poaching. Drivers of these crimes and legislation used to prevent and prosecute them. The use of morphological examinations and biological and chemical analyses in these investigations.</p> <p>International Wildlife Crime: The illegal pet trade including trade in primates, birds and tortoises. The illegal trade in animal parts for food, 'medicine' and ornamental artefacts including ivory, rhino horn, reptile skin, shark fins, bush meat, dolphin meat and tiger and bear derivatives. Drivers for international wildlife crime and the role of CITES, community initiatives and international organisations in combating wildlife crime. The use of morphological examinations and biological and chemical analyses in these investigations.</p>

STUDENT AND ACADEMIC SERVICES

Transferable Skills:

Development of skills in the chemical and biological analysis and morphological examination have broad, beyond subject applications. Critical evaluation of scientific literature. Data analysis and presentation. Engagement with current issues in Wildlife Forensics.

Teaching and Learning Methods: Scheduled Learning:

The theoretical underpinning of the module is delivered through an online lecture series and a series of laboratory practical classes. Students are supported in their learning at timetabled bi-weekly tutorial sessions.

Independent Learning:

It is additionally expected that students will spend a significant proportion of the study time for this module engaging with relevant scientific literature, as directed by academic staff. It is expected that independent study will take students to the notional 150 hours of study associated with this module.

Contact Hours:

This module will run in semester 2. Students will have a 33 hours contact time, which will be an integrated mixture of lectures and tutorial style activities.

Part 3: Assessment

Coursework (50%)

Forensic Palynology and Entomology case study. An assignment based on the processing and critical evaluation of palynological and entomological evidence from an outdoor body site, in order to determine key facts relating to the case e.g. characteristics of previous locations of the victim, minimum post-mortem interval. Students will be introduced to the coursework including the detailed marking scheme, when they encounter these evidence types during the taught sessions.

Examination: Online examination with 24 hour window for submission.

Component A is a an online written exam. This assessment will provide students with an opportunity to demonstrate both their knowledge on a broad range of topics through a selection of essay questions. This assessment will test a range of the learning outcomes and will provide a valuable learning experience through critical evaluation and demonstrating knowledge.

First Sit Components	Final Assessment	Element weighting	Description
Examination (Online) - Component A	✓	50 %	Online examination (24 hours)
Case Study - Component B		50 %	Palynology and entomology case study (2500 words)
Resit Components	Final Assessment	Element weighting	Description
Examination (Online) - Component A	✓	50 %	Online Examination (24 hours)
Case Study - Component B		50 %	Palynology and entomology case study (2500 words)

STUDENT AND ACADEMIC SERVICES

Part 4: Teaching and Learning Methods																	
Learning Outcomes	<p>On successful completion of this module students will achieve the following learning outcomes:</p> <table border="1"> <thead> <tr> <th style="text-align: left;">Module Learning Outcomes</th> <th style="text-align: left;">Reference</th> </tr> </thead> <tbody> <tr> <td>Critically evaluate the realised and potential role of animals, plants and fungi in forensic investigation</td> <td>MO1</td> </tr> <tr> <td>Analyse forensic evidence originating from wildlife crime in the laboratory, using a range of advanced analytical and microscopic techniques</td> <td>MO2</td> </tr> <tr> <td>Appraise the scale and nature of international and national wildlife crime and links to other types of serious crime</td> <td>MO3</td> </tr> <tr> <td>Evaluate the drivers for national and international wildlife crime and how this informs strategies for prevention and prosecution</td> <td>MO4</td> </tr> <tr> <td>Critically evaluate the contribution of forensic science, legislation and community-based initiatives in the prevention and prosecution of wildlife crime and also in 'damage limitation'</td> <td>MO5</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	Critically evaluate the realised and potential role of animals, plants and fungi in forensic investigation	MO1	Analyse forensic evidence originating from wildlife crime in the laboratory, using a range of advanced analytical and microscopic techniques	MO2	Appraise the scale and nature of international and national wildlife crime and links to other types of serious crime	MO3	Evaluate the drivers for national and international wildlife crime and how this informs strategies for prevention and prosecution	MO4	Critically evaluate the contribution of forensic science, legislation and community-based initiatives in the prevention and prosecution of wildlife crime and also in 'damage limitation'	MO5				
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Reading List	<p><i>The reading list for this module can be accessed via the following link:</i></p> <p>https://uwe.rl.talis.com/index.html</p>																

Part 5: Contributes Towards	
This module contributes towards the following programmes of study:	