



MODULE SPECIFICATION

Part 1: Information			
Module Title	Animal Behaviour for Wildlife Conservation		
Module Code	USSKAJ-15-2	Level	Level 5
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	Wildlife Biology 2020-21		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Overview: Pre-requisites: students must have taken USSKAE-30-1 Wildlife Biology, or equivalent.</p> <p>Educational Aims: See Learning Outcomes</p> <p>Outline Syllabus: This module introduces key concepts underpinning the discipline of Animal Behaviour.</p> <p>Historical Development – contributions of Lorenz, Tinbergen, von Frisch and others – the distinction between ethology and comparative psychology.</p> <p>Inherited versus Learnt Behaviour – experimental approaches used to study the causes and function of behaviour, its ontogeny and evolution – genetics of inherited behaviour – molecular approaches.</p> <p>Communication – chemical signals and pheromones – visual and auditory signals – tactile communication – electrical signalling.</p> <p>Biological Rhythms – circadian and circannual rhythms – their origin, control and function</p>

STUDENT AND ACADEMIC SERVICES

Orientation and Navigation – mechanisms of homing and migration.

Behavioural Ecology – habitat selection – cost benefit approaches – optimal foraging theory – sexual selection – social behaviour – altruistic behaviour and kin selection.

Human activity impacts' on animal behaviour – through disruption of social networks through habitat destruction or development; effects of disturbance, altered behaviours of captive animals.

Teaching and Learning Methods: Scheduled learning

Students can expect to receive a minimum of 44 hours taught material. This will be delivered as online interactive lectures and lectorials, workshops, guest lectures, and field practicals.

Independent learning

Students are expected to spend 106 hours on independent learning tasks and preparation of assessments.

The syllabus is delivered primarily through online PowerPoint lectures using a wide range of examples to illustrate key principles. Wherever possible, lectures are supplemented by audio-visual material (videos, DVDs) showing specific examples of animal behaviour. The lectures would be supported by online practical work observing and recording the behaviour of wild, domesticated or captive animals – with particular emphasis of animals held in Bristol Zoo.

Scheduled learning includes interactive lectures, workshop and supervised fieldwork delivered online and some face to face.

Independent learning includes hours engaged with essential reading, case study preparation, assignment preparation and completion etc.

Part 3: Assessment

The Assessment Strategy has been designed to support and enhance the development of both subject-based and employability skills, whilst ensuring that the module's Learning Outcomes are attained, as described below. Assessments are designed to underpin students' learning and skills acquisition in the module and to provide for learning beyond the material delivered in the classroom.

Assessments include both summative (assessment that contributes to module mark) and formative (assessment that does not contribute to module mark) assessment and feedback opportunities.

Component A comprises an online examination over a 24 hour period, anticipated to take 2-hours to complete, which takes place at the end of the year. The assignment is designed to test both the breadth of the students' subject and their understanding of key concepts. This component will test learning outcomes 1, 2, 3 and 5.

The Coursework component of the assessment (component B) is made up of one element. It is a practical report of animal behaviour observation (50% of module marks). This component will test learning outcome 4.

Opportunities for formative assessment are embedded in the module teaching and take a variety of forms, including: in class and on-line tests and quizzes, problem-solving workshops, and model answers for past exam questions.

Assessment criteria will be made available to the students in the module guide at the start of the module. All work is marked using the Department's Generic Assessment Criteria, which in turn has been developed with reference to a range of external reference points, including the QAA Code of Practice on Assessment of Students, UWE's Learning, Teaching and Assessment Strategy, and UWE's E-learning policy.

STUDENT AND ACADEMIC SERVICES

First Sit Components	Final Assessment	Element weighting	Description
Report - Component B		50 %	Practical Report (3000 words)
Online Assignment - Component A	✓	50 %	Online examination (24 hours)
Resit Components	Final Assessment	Element weighting	Description
Report - Component B		50 %	Practical Report (3000 words)
Online Assignment - Component A	✓	50 %	Online examination (24 hours)

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>Module Learning Outcomes</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>Demonstrate a sound understanding of how Animal Behaviour has developed as a discipline</td> <td>MO1</td> </tr> <tr> <td>Discuss the common underlining principles that determine animal behaviour</td> <td>MO2</td> </tr> <tr> <td>Define the principles of behavioural ecology and discuss their importance for survival in the wild</td> <td>MO3</td> </tr> <tr> <td>Design, undertake, analyse, report on and review a behavioural study of a named animal</td> <td>MO4</td> </tr> <tr> <td>Review of the impact of human activity on animal behaviour and discuss how conservation practices can mitigate its effects</td> <td>MO5</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	Demonstrate a sound understanding of how Animal Behaviour has developed as a discipline	MO1	Discuss the common underlining principles that determine animal behaviour	MO2	Define the principles of behavioural ecology and discuss their importance for survival in the wild	MO3	Design, undertake, analyse, report on and review a behavioural study of a named animal	MO4	Review of the impact of human activity on animal behaviour and discuss how conservation practices can mitigate its effects	MO5				
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Reading List	<p>The reading list for this module can be accessed via the following link:</p> <p>https://uwe.rl.talis.com/modules/usskaj-15-2.html</p>																

Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Integrated Wildlife Conservation [Sep][FT][Zoo][2yrs] FdSc 2019-20