



MODULE SPECIFICATION

Part 1: Information			
Module Title	Conservation in Practice		
Module Code	USSK5E-30-2	Level	Level 5
For implementation from	2020-21		
UWE Credit Rating	30	ECTS Credit Rating	15
Faculty	Faculty of Health & Applied Sciences	Field	Applied Sciences
Department	HAS Dept of Applied Sciences		
Module type:	Standard		
Pre-requisites	Wildlife and Society 2020-21		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Educational Aims: This module builds on the knowledge gained in the Level 1 Wildlife and Society module to provide knowledge and practical experience of solutions to the problems faced by species of conservation concern.</p> <p>Outline Syllabus: Taught elements of the course will include case studies which emphasise the pathway from international to local level efforts to conserve biodiversity.</p> <p>Conservation Prioritisation :</p> <ul style="list-style-type: none"> Need for prioritisation. Species versus habitat versus ecosystem conservation. Biodiversity hotspots. Prioritisation at international, national and local levels. IUCN red lists, Biodiversity Action Plans (BAP). <p>Species Management:</p> <ul style="list-style-type: none"> Species surveying and monitoring. Minimum Viable Population and Minimum Dynamic Area. Effective population sizes, loss of genetic diversity and inbreeding depression. Population Viability Analysis.

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Metapopulations and Ecological Networks.

Computer modelling and mapping.

Rewilding.

In situ versus ex-situ conservation.

Establishing protected areas.

Species reintroduction.

Community-based Conservation:

Community-Based Natural Resource Management / Integrated Conservation and Development Projects.

Alternative income strategies.

Ameliorating human-wildlife conflict.

Conservation Legislation:

Introduction to international (Convention on International Trade in Endangered Species, Birds Directive, Habitats Directive) and national (Wildlife and Countryside Act; Natural Environment White Paper) legislation.

Marine conservation.

Specific case studies of their impacts and limitations.

Practical Skills:

Workplace experience of methods used day-to-day by different conservation organisations allowing development of a range of practical skills and experience relevant to practical conservation.

Experience of working, alone and in teams, in a safe and ethical manner.

Relationship between practical skills used by conservation organisations and ecological theory that underpins conservation in practice.

Teaching and Learning Methods: Teaching is delivered as interactive lectures; tutorials; workshops and laboratory or field practical classes.

Students are expected to spend 60 hours gaining practical skills while volunteering for a professional conservation organisation.

A variety of learning approaches are used. Practical sessions provide experience of relevant laboratory and field techniques. Practical, workshop and tutorial sessions provide opportunities for data handling and interpretation, problem-solving and discussions with academic staff.

Interactive lectures provide contexts and overviews of topics to guide student-centred learning.

Student learning is supported by audio-visual material, specialist software packages, and computer modelling and mapping exercises.

Part 3: Assessment

Assessments include both summative (assessment that contributes to module mark) and formative (assessment that does not contribute to module mark) assessment and feedback opportunities. These assessments have been designed to test student's theoretical understanding of key topics and their ability to apply that understanding to practical situations. In doing so they will be prepared not only for practical aspects of conservation but also the rigours of planning and reporting; vital skills in the conservationist's toolkit.

The Controlled Conditions component of the assessment (Component A) comprises a professional experience portfolio, which links to the 60-hour work placement the students will undertake in the conservation sector, and comprises: a CV; a poster; timesheets and an employer reference.

Component B will require the students to design, implement and report a scientifically-robust species population survey (2000 words). This will include mapping techniques (Geographic Information Systems).

Opportunities for formative assessment are embedded in the module teaching and take a variety of forms, including: problem-solving workshops and in class multiple choice quizzes

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First Sit Components	Final Assessment	Element weighting	Description
Report - Component B		60 %	Species population survey report (2000 words)
Portfolio - Component A	✓	40 %	Professional experience portfolio
Resit Components	Final Assessment	Element weighting	Description
Report - Component B		60 %	Species population survey report (2000 words).
Portfolio - Component A	✓	40 %	Professional experience portfolio

Part 4: Teaching and Learning Methods

Learning Outcomes	On successful completion of this module students will achieve the following learning outcomes:	
	Module Learning Outcomes	Reference
	Describe a wide spectrum of species conservation techniques and critically evaluate their application in different scenarios	MO1
	Discuss landscape scale conservation within the context of current international and national legislation	MO2
	Plan, implement and accurately report a scientifically robust population estimate for a particular species/group	MO3
	Develop a variety of employability skills and attributes relevant to gaining and sustaining employment in wildlife conservation post graduation	MO4
	Relate academic studies to wildlife conservation practice	MO5
	Use a reflective process to demonstrate development of skills in core areas	MO6
Contact Hours	Independent Study Hours:	
	Independent study/self-guided study	168
	Total Independent Study Hours:	168
	Placement Study Hours:	
	Placement	60
	Total Placement Study Hours:	60
	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	72

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	Total Scheduled Learning and Teaching Hours:	72
	Hours to be allocated	300
	Allocated Hours	300
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/modules/ussk5e-30-2.html</p>	

Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Wildlife Ecology and Conservation Science {Foundation} [Sep][FT][Zoo][4yrs] BSc (Hons) 2018-19
 Wildlife Ecology and Conservation Science {Foundation} [Sep][FT][Frenchay][5yrs] MSci 2018-19
 Wildlife Ecology and Conservation Science {Foundation} [Sep][SW][Frenchay][6yrs] MSci 2018-19
 Wildlife Ecology and Conservation Science {Foundation} [Sep][SW][Zoo][5yrs] BSc (Hons) 2018-19