

Module Details	
Module Title:	Ecological Management and Nature Conservation
Module Code:	ENS6005-B
Academic Year:	2019-20
Credit Rating:	20
School:	School of Archaeological and Forensic Sciences
Subject Area:	Environmental Science
FHEQ Level:	FHEQ Level 6
Pre-requisites:	
Co-requisites:	

Contact Hours	
Type	Hours
Lectures	20
Demonstration	4
Directed Study	176

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 2 (Feb - May)

Module Aims
To provide the theoretical framework, illustrated by appropriate case study examples, for understanding the scientific management and conversation of plant and animal populations and thier habitats.

Outline Syllabus
This module will provide the scientific understanding for the management of plant and animal populations and communities to achieve particular desired outcomes. These will include the restoration of damaged habitats, harvesting renewable resources such as fisheries, the control of alien invaders, the ecology and control of weeds, and especially the conservation of species

and habitats. In all cases there will be case study examples to illustrate the underlying theoretical considerations.

Learning Outcomes

1	use the principles gained from specific case studies to demonstrate a systematic understanding of the key aspects of ecological management and conservation issues.
2	solve different management and conservation problems, and evaluate the validity of the principles and the outcomes.
3	1. apply critical reasoning, interpretation and evaluation 2. communicate in a clean and concise way the results of a review of one case study which synthesises theory and professional practice.

Learning, Teaching and Assessment Strategy

The principal teaching method will be by lectures. The coursework assessment will involve an extensive literature review of an independently-chosen case study related to management or conservation of nature. The outcomes from this review will be verbally presented during a formative assessment in class (listed as 'Demonstration ' below) and the student will receive formative feedback from this prior to the submission of the written assessment. Assessment 2, an unseen written examination, will be used to assess your knowledge, understanding and problem-solving skills in this area. During Directed Study hours students are expected to undertake reading to consolidate and expand on the content of formal taught sessions; research and prepare for assessments; revised material from formal taught sessions; and undertake specific elements of reading, as directed.

Mode of Assessment

Type	Method	Description	Length	Weighting
Summative	Examination - closed book	FINAL ASSESSMENT: 2 hour examination	2 hours	50%
Referral	Examination - closed book	Supplementary assessment - 3 hour examination	3 hours	100%
Summative	Coursework	Essay/synthesis/professional report of a case study review (2000 word equivalent)	0 hours	50%

Reading List

To access the reading list for this module, please visit <https://bradford.rl.talis.com/index.html>.

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.