

Liverpool John Moores University

Title: CONTEMPORARY ISSUES IN CONSERVATION
Status: Definitive
Code: **6218NATSCI** (123245)
Version Start Date: 01-08-2021

Owning School/Faculty: Biological and Environmental Sciences
Teaching School/Faculty: Biological and Environmental Sciences

Team	Leader
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Academic Level: FHEQ6 **Credit Value:** 20 **Total Delivered Hours:** 50
Total Learning Hours: 200 **Private Study:** 150

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	22
Online	4
Practical	10
Workshop	12

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	ASS	Use Population Viability Analysis to model the outcomes of management strategies designed by the students for a threatened bird species.	50	
Exam	EXAM	Seen question (50%) and choice of one unseen question from three (50%).	50	2

Aims

(a) to provide an in-depth discussion of selected current research topic areas in conservation biology reflecting the interests of staff members.

(b) to demonstrate the practical use of research in wildlife management through research informed conservation.

Learning Outcomes

After completing the module the student should be able to:

- 1 Discuss the biological principles that underpin modern conservation practice and demonstrate how they are applied to solving conservation problems.
- 2 Critically review the nature of conservation problems and their solutions.
- 3 Evaluate critically the use of models in solving problems in conservation ecology.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Population Viability Analysis	2	1	3
Exam	2	1	3

Outline Syllabus

The aims and learning outcomes of this module will be addressed through a series of selected case studies highlighting the research interests of individual staff members. The range of topics covered could include such things as: Mitigating the effects of habitat fragmentation on populations; Population Viability Analysis and the use of population models to inform the management of threatened species; Use of new technology to assess species and habitats over extensive areas; Habitat restoration; Species reintroduction; Control of invasive species.

Learning Activities

This module will be taught primarily by lectures, practicals and workshops.

Notes

This module examines a diversity of important contemporary research topics linked to conservation biology, drawing on the research interests of the teaching staff.