

Summary Information

Module Code	6204NATSCI
Formal Module Title	Frontiers of Ecology
Owning School	Biological and Environmental Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Robert Fitt	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
Danielle Hinchcliffe	Yes	N/A
Lucia Galvez Bravo	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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Teaching Responsibility

LJMU Schools involved in Delivery
Biological and Environmental Sciences

Learning Methods

Learning Method Type	Hours
Lecture	28
Practical	9
Workshop	11

Module Offering(s)

Offering Code	Location	Start Month	Duration
SEP-CTY	CTY	September	12 Weeks

Aims and Outcomes

Aims	Aims(a) to provide an in-depth discussion of selected current research topic areas in ecology reflecting the interests of staff members.(b) to demonstrate how hypotheses are developed, tested and validated in modern ecology.
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Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Critically review the nature of ecological problems and their solutions.
MLO2	Discuss the ecological principles and techniques forming the background to the study of populations, communities and ecosystems.
MLO3	Critically evaluate the approaches used to investigate selective key aspects of ecosystem structure and function and their implications for ecological change, management and conservation.

Module Content

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: the origin and maintenance of ecological diversity; evolutionary ecology; global change.

Module Overview
This module enables you to examine a diverse range of important contemporary research topics linked to ecology. These will be placed in a broader context by examining conflicting issues and ideas arising from ecological considerations.

Additional Information

This module examines a diversity of important contemporary research topics linked to ecology. These will be placed in a broader context by examining conflicting issues and ideas arising from ecological considerations.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Report	Locust Grazing Practical	50	0	MLO3, MLO2
Centralised Exam	Exam	50	2	MLO1, MLO3, MLO2