

Summary Information

Module Code	4209NATSCI
Formal Module Title	Ecology
Owning School	Biological and Environmental Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
Grading Schema	40

Module Contacts
Module Leader

Contact Name	Applies to all offerings	Offerings
Torsten Wronski	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
Jennifer Sneddon	Yes	N/A
Sasha Kosanic	Yes	N/A
Stephanie Evers	Yes	N/A
Jon Bielby	Yes	N/A
Christopher Williams	Yes	N/A
Susanne Zajitschek	Yes	N/A
Brian Preston	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	36
Off Site	12
Workshop	10

Module Offering(s)

Offering Code	Location	Start Month	Duration
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	To investigate basic ecological concepts and the ecological characteristics of a range of habitats.
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Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Recognise the influence of the environment on habitat structure.
MLO2	Discuss the ecological concepts governing the distribution of living organisms.
MLO3	Evaluate the role of humans in habitat modification and conservation.

Module Content

Outline Syllabus
Basic ecological concepts (e.g. species and succession), communities and ecosystems. The environment; biotic and abiotic elements. Nutrient cycling, populations and diversity and adaptations of organisms to their environment. The influence of humans on ecosystems. Case studies will include the major ecosystem types of the world (e.g. aquatic, forest, grassland, wetland, farmland, and urban habitats) and their geographical distribution.

Module Overview

This module provides you with a basic understanding of ecology and ecological characteristics of a range of habitats. You will study basic concepts, such as species and succession, communities and ecosystems, biotic and abiotic elements, nutrient cycling, populations and diversity and adaptations of organisms to their environment. Part of this will be achieved through field visits to a range of habitats.

Additional Information

The module provides students with a basic understanding of ecology and ecological characteristics of a range of habitats.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Report	Fieldwork report	50	0	MLO2, MLO1
Centralised Exam	Exam MCQ	50	1.5	MLO2, MLO3, MLO1