

Liverpool John Moores University

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Title: HABITATS AND SPECIES
Status: Definitive
Code: **4001NATSCI** (112568)
Version Start Date: 01-08-2014

Owning School/Faculty: Natural Sciences & Psychology
Teaching School/Faculty: Natural Sciences & Psychology

Team	Leader
Dave Wilkinson	Y
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Academic Level: FHEQ4 **Credit Value:** 24.00 **Total Delivered Hours:** 60.00
Total Learning Hours: 240 **Private Study:** 180

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	20.000
Off Site	24.000
Practical	12.000
Workshop	4.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Test	Test 1	Coursework: practical test 1	50.0	
Test	Test 2	Coursework: practical test 2	50.0	

Aims

To investigate a range of habitat types in terms of their origins, uses, management, ecological characteristics and associated flora and fauna.

Learning Outcomes

After completing the module the student should be able to:

- 1 Describe a range of natural and semi-natural habitats in Britain and overseas and identify the pressures (past and present) placed on them, mainly as a result of human activity.
- 2 Apply general ecological concepts to individual habitats.
- 3 Prepare for and conduct ecological fieldwork in a safe and effective manner.
- 4 Identify the characteristic organisms of particular habitats and explain how they are adapted to their environment.

Learning Outcomes of Assessments

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

Practical Test 1	1	2	3	4
Practical Test 2	1	2	3	4

Outline Syllabus

Biodiversity Action Plans, organisation of conservation and protected areas in the U.K. Fieldwork practice: risk assessment and basic guidelines for safe, effective fieldwork. Introduction to species identification aids (e.g. field guides, keys). Wetland, freshwater, coastal, grassland, farmland, woodland and urban habitats in Britain: history, geographical distribution and abundance; characteristic fauna and flora. Influence of human activity on habitats. Basic ecological concepts (e.g. succession) in the context of each habitat and adaptations of organisms to their environment. Introduction to management techniques (traditional and modern) used to fulfill a variety of objectives e.g. habitat and species conservation.

Learning Activities

Students undertake a programme of field visits to a range of habitats and participate in a range of laboratory practicals. This is supported by a series of lectures and workshops.

Notes

This module investigates a broad range of habitat types within Britain by

concentrating on their origins, ecological characteristics and conservation, and also considers their associated plant and animal species, particularly those in need of conservation.