

### Summary Information

<b>Module Code</b>	4205NATSCI
<b>Formal Module Title</b>	Practical Skills for Animal Behaviour
<b>Owning School</b>	Biological and Environmental Sciences
<b>Career</b>	Undergraduate
<b>Credits</b>	20
<b>Academic level</b>	FHEQ Level 4
<b>Grading Schema</b>	40

### Module Contacts

#### Module Leader

Contact Name	Applies to all offerings	Offerings
Brian Preston	Yes	N/A

#### Module Team Member

Contact Name	Applies to all offerings	Offerings
Ross Macleod	Yes	N/A
Adam Reddon	Yes	N/A
Rodrigo De Marco	Yes	N/A
Christopher Williams	Yes	N/A
Claudia Mettke-Hofmann	Yes	N/A
Mark Feltham	Yes	N/A
Jennifer Sneddon	Yes	N/A
Jon Bielby	Yes	N/A

#### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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## Teaching Responsibility

<b>LJMU Schools involved in Delivery</b>
Biological and Environmental Sciences

## Learning Methods

Learning Method Type	Hours
Lecture	12
Off Site	43
Seminar	2
Workshop	5

## Module Offering(s)

Offering Code	Location	Start Month	Duration
SEP-CTY	CTY	September	28 Weeks

## Aims and Outcomes

<b>Aims</b>	To develop theoretical, practical, and analytical skills to conduct animal behaviour research, with particular emphasis on how to sample behaviour and assess habitat characteristics.
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## Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Recognize features important for characterizing habitats and potential influences on animal behaviour.
MLO2	Identify and apply sampling methods (e.g. focal, scan, al lib, etc.)
MLO3	Apply appropriate field sampling methods to different taxonomic groups and environments.
MLO4	Present, interpret and discuss data from field sampling with reference to factors that influence animal behaviour, such as human disturbance, resource distribution, and hetero-specific competition
MLO5	Develop group working skills

## Module Content

### Outline Syllabus

• Measuring behaviour and ecology; Designing ethograms; Applying sampling techniques (focal, scan, ad lib)• Collecting biological samples; Assessing habitat characteristics• Design and analysis of animal behaviour studies; Animal research ethics; Scientific communication

### Module Overview

The aim of this module is to develop theoretical, practical and analytical skills to conduct animal behaviour fieldwork, with particular emphasis on how to sample behaviour, assess animal resource and threat abundance and distribution, as well as overall habitat characteristics.

### Additional Information

This module aims to introduce students to the skills required to apply the scientific method to the study of animal behaviour in the field and in the laboratory.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Report	Practical report	50	0	MLO3, MLO4, MLO1, MLO2
Presentation	Group presentation	50	0	MLO3, MLO5, MLO4, MLO2