

### Summary Information

Module Code	6220NATSCI
Formal Module Title	Animal Social Systems
Owning School	Biological and Environmental Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

### Teaching Responsibility

LJMU Schools involved in Delivery
Biological and Environmental Sciences

### Learning Methods

Learning Method Type	Hours
Lecture	16
Workshop	28

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

### Aims and Outcomes

Aims	To apply aspects of evolution and ecology to the interpretation of animal social behaviour and social systems.
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After completing the module the student should be able to:

## Learning Outcomes

Code	Number	Description
MLO1	1	Discuss the role of evolutionary, ecological, biological and developmental processes in animal social systems and behaviour
MLO2	2	Critically analyse journal articles and studies of animal social behaviour
MLO3	3	Contrast the types of social relationships across different social systems
MLO4	4	Develop competency in scientific writing and literature review
MLO5	5	Develop oral presentation skill

## Module Content

Outline Syllabus	A range of areas of animal social systems reflecting current staff research interests. Including: Overview of the ecological and evolutionary processes affecting animal social behaviour. The design and interpretation of studies of animal social behaviour. The concept of kinship and dispersal patterns and how they influence social relationships. Social organisation: spatial distribution, group composition, interactions and social relationships, mating and social systems. Sex and age differences in social behaviour. Communication, competition, mating patterns, cooperation and conflict resolution.
Module Overview	The aim of this module is to apply aspects of evolution and ecology to the interpretation of animal social behaviour and social systems. The module focuses on survival and reproductive strategies, social organisation and mechanisms of behaviour.
Additional Information	This module provides a comprehensive course in animal social behaviour focusing on survival and reproductive strategies, social organisation and mechanisms of behaviour. Particular emphasis is placed on interpretation and discussion of journal articles including review papers and empirical studies.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Essay	Presentation oral or poster	50	0	MLO2, MLO5
Essay	Essay	50	0	MLO2, MLO3, MLO4, MLO1

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Adam Reddon	Yes	N/A

### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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