

Module Information

2022.01, Approved

Summary Information

Module Code	6223NATSCI
Formal Module Title	Current Topics in Animal Behaviour
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	20
Workshop	24

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	12 Weeks

Aims and Outcomes

Aims	To introduce new developments and extend concepts in the theory and methods used to study animal behaviour, from individuals to ecosystems.
------	---

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Exhibit increased critical analysis abilities and deeper understanding of the scientific literature and publication process.
MLO2	2	Synthesize information on novel data collection technology and approaches and analyse the parallels with previous knowledge and content of their studies.
MLO3	3	Demonstrate knowledge of recent developments in the field of animal behaviour research
MLO4	4	Show professional level proficiency in scientific writing
MLO5	5	Demonstrate professional level proficiency in data handling and competency in analytical techniques

Module Content

Outline Syllabus	A range of areas of animal behaviour reflecting current staff research interests and new developments in the field. Including: New technological and methodological approaches to studying animal behaviour (e.g., tracking collars, camera-traps, citizen science, remote sensing). Overview of the ecological and evolutionary basis for new developments in the animal behaviour theory (e.g., collective behaviour, animal personalities, parental effects). Understanding how anthropogenic activities impact animal behaviours at a range of spatial and temporal scales (e.g., urbanisation, climate change).
Module Overview	
Additional Information	This module aims to provide an in-depth course in new developments in our theoretical knowledge of, and methodology for, studying animal behaviour and its evolution. Emphasis is placed on extending and expanding students' knowledge of the research process and to offer experience and guidance in critically evaluating published scientific outputs. The module will reinforce the fundamentals of the scientific process in Animal Behaviour, such as formulating questions, collecting and analysing data, interpreting, and communicating scientific findings.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Write-up of example case study	50	0	MLO2, MLO3, MLO4, MLO5
Essay	Critical eval of manuscript	50	0	MLO1, MLO3, MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Jon Bielby	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
--------------	--------------------------	-----------

