Liverpool John Moores University

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Title:	ANIMAL BEHAVIOUR
Status:	Definitive
Code:	**5017NATSCI** (120885)
Version Start Date:	01-08-2017
Owning School/Faculty:	Natural Sciences & Psychology
Teaching School/Faculty:	Natural Sciences & Psychology

Team	Leader
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Academic Level:	FHEQ5	**Credit Value:**	24	**Total Delivered Hours:**	56
Total Learning Hours:	240	**Private Study:**	184		

Delivery Options
Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	24
Off Site	6
Practical	9
Workshop	15

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Exam	Exam	50	2
Report	Report	Report	50	

Aims

To provide an introduction to the study of animal behaviour. This will include an exploration of the underlying physiological basis of behaviour and the importance of animal senses.

Learning Outcomes

After completing the module the student should be able to:

1	Discuss the role of evolutionary, ecological, physiological, genetic and developmental processes in the generation of animal behaviour.
2	Evaluate a wide range of behavioural strategies (survival & reproductive) available to animals and interpret them in terms of appropriate proximate and/or ultimate factors.
3	Describe the different sensory and signalling systems in animal species

Learning Outcomes of Assessments

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

Exam	1	2	3
Report	1		

Outline Syllabus

An overview of the evolutionary, ecological, physiological, genetic & developmental processes affecting animal behaviour. An introduction to animal ethics. How to describe, measure and understand behaviour. Concepts in the evolution of behaviour and the difference between proximate & ultimate causation. The development of behaviour and routes to animal learning. An introduction to optimal foraging. Social groups, behaviour and organisation. The importance of animal senses and communication. Sexual selection, mating systems and parental care. Mechanisms and consequences of sperm competition in mammals. The neuroendocrine basis of animal behaviour.

Learning Activities

The module is delivered via lectures, practicals, workshops and offsite data collection

Notes

This module investigates how evolutionary, ecological, physiological, genetic and developmental processes affect animal behaviour. An introduction to the recording methods, media (hardware) and behavioural analysis software commonly used in observational studies is provided.