

Liverpool John Moores University

Title: PRIMATE BEHAVIOUR AND CONSERVATION
Status: Definitive
Code: **7008NATSCI** (120877)
Version Start Date: 01-08-2015

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

Team	Leader
Emily Bethell	Y
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Academic Level: FHEQ7 **Credit Value:** 60.00 **Total Delivered Hours:** 120.00
Total Learning Hours: 600 **Private Study:** 480

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	34.000
Off Site	40.000
Workshop	46.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	Lit Rev	Literature review on relevant topic of student's choosing	40.0	
Presentation	Pres Postr	Fieldwork planning poster	30.0	
Presentation	Present	Primate behaviour research presentation	30.0	

Aims

1. To develop students' knowledge and understanding of Primate Behaviour and Conservation through study and discussion of latest research articles, development

of statistical analytical techniques and engagement with academic practices such as grant application and paper submission.

2. To develop students' intellectual skills including ability to interpret and critically evaluate information from a range of sources as well as to present and defend arguments effectively.

3. To develop transferrable skills including written and verbal communication, IT, problem-solving, teamwork and time management skills

Learning Outcomes

After completing the module the student should be able to:

- 1 discuss the role of evolutionary, ecological, biological and developmental processes in primate social systems and behaviour.
- 2 discuss the implications of different primate social systems and behaviour for conservation practices
- 3 critically analyse journal articles and studies of primate behaviour and conservation
- 4 utilise the skill of academic presentation skills to communicate the result of a primate behaviour and conservation study.
- 5 plan and execute a primate behaviour and conservation study

Learning Outcomes of Assessments

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

Literature Review	1	3	2
Present Poster Pre-FW planning	1	3	2
Post FW presentation	3	4	5

Outline Syllabus

Overview of the ecological and evolutionary processes affecting primate behaviour and benefits for informing conservation practices.

The design and interpretation of behavioural studies.

Current topics in primate behaviour and conservation including Primate Social systems and how they are shaped by ecological and social factors; reproductive behaviour, hormones and breeding programmes; social behaviour, stress, behavioural endocrinology, behavioural genetics and social network analyses; primate cognition and importance of understanding social cognition in in-situ and ex-situ conservation and welfare practices.

Methods and technologies in primate behavioural and conservation research including census and survey and drone technology; field endocrinology, habitat assessment and niche modelling; field experiments and captive breeding programmes.

Learning Activities

A combination of lectures, journal club discussion groups, workshops and fieldwork.

Notes

This module provides a comprehensive course in non-human primate behaviour and conservation focusing on survival and reproductive strategies, social organisation, mechanisms of behaviour, conservation issues, technologies and practices. Particular emphasis is placed on interpretation and discussion of journal articles including review papers and empirical studies. There will be a field trip to a primate field site where students will design and execute a primate research project.