

Liverpool John Moores University

Title: FIELD METHODS IN PRIMATE BEHAVIOURAL ECOLOGY
Status: Definitive
Code: **7113NATSCI** (124953)
Version Start Date: 01-08-2020

Owning School/Faculty: Biological and Environmental Sciences
Teaching School/Faculty: Biological and Environmental Sciences

Team	Leader
Barbara Fruth	Y
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Academic Level: FHEQ7 **Credit Value:** 20 **Total Delivered Hours:** 40

Total Learning Hours: 200 **Private Study:** 160

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Off Site	38
Workshop	2

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	Reports	The portfolio will consist of reports of the hands on practicals as well as a photo herbarium (4500 words equivalent)	100	

Aims

To provide a comprehensive overview of a range of field based methods to study primate feeding ecology at a conceptual and practical level. Special emphasis is placed upon being able to select methods, and design and execute studies to effectively test hypotheses about the ecological and environmental components

triggering primate behaviour and primate behaviour influencing ecological and environmental components.

Learning Outcomes

After completing the module the student should be able to:

- 1 Evaluate the applications and limitations of the various methods to study primate behavioural ecology in the wild.
- 2 Demonstrate proficiency in executing field methods appropriate to assess primate behavioural ecology.
- 3 Synthesise appropriate research approaches (sampling method, sample size, power, effect size, sampling rate) to investigate primate behavioural ecology in the wild.

Learning Outcomes of Assessments

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

Field report	1	2	3
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Outline Syllabus

The module covers state of the art methods, equipment, technological hardware and software used in primatology. Examples of areas in which methods have developed significantly in recent years are listed here, and students will learn about these in a responsive manner according to most cutting edge developments in the field. Focus is on survey techniques, environmental assessments and both indirect and direct behavioural observations: Use of mobile devices and software; Camera traps; Density & abundance of plants and primates; Acoustics; Nutritional Ecology.

Learning Activities

The module will be taught offsite combining lectures, workshops, and fieldwork. Emphasis will be on guided hands-on activities.

Notes

This course will arm students with a broad knowledge of current methods available to field primatologists. Students will learn about state-of-the-art technologies and predicted future trends. Students may wish to explore a particular method further in their dissertation project.