Liverpool John Moores University

Title:	CONTEMPORARY METHODS IN PRIMATOLOGY
Status:	Definitive
Code:	**7112NATSCI** (124824)
Version Start Date:	01-08-2021
Owning School/Faculty:	Biological and Environmental Sciences
Teaching School/Faculty:	Biological and Environmental Sciences

Team	Leader
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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 1

Component	Contact Hours
Lecture	12
Off Site	12
Practical	16

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	Poster	Poster and short presentation	100	

Aims

To provide a comprehensive overview of a range of most recent advances in laboratory and field based methods to study primate behaviour, cognition and physiology 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 biological bases and social components of primate behaviour.

Learning Outcomes

After completing the module the student should be able to:

1	Demonstrate an in-depth knowledge and insight of, and where appropriate use, the correct technical and scientific terminology relating to methods to study primate behaviour
2	Be fully knowledgeable of the applications and limitations of the various methods to study primate behaviour.
3	Perform calculations aimed at determining the appropriate experimental design (sampling method, sample size, power, effect size, sampling rate) needed to perform a meaningful collection and analysis of data.

Learning Outcomes of Assessments

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

Poster & short presentation	1	2	3

Outline Syllabus

The module takes students from the basics to the 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 developments in the field. Laboratory: Endocrinology; Genetics; Health. Experimental design: Cognitive tasks; Enrichment and Welfare; Training for husbandry routines.

Learning Activities

The module will be taught by a combination of lectures, practical laboratory sessions, and off-site visits.

Notes

This course will arm students with a broad knowledge of current methods available to primatologists. Students will learn about state-of-the-art technologies and predicted future trends.