Liverpool John Moores University

Title:	PRIMATE BIOLOGY
Status:	Definitive
Code:	**5003NATSCI** (112580)
Version Start Date:	01-08-2014
Owning School/Faculty:	Natural Sciences & Psychology
Teaching School/Faculty:	Natural Sciences & Psychology

Team	Leader
Nicola Koyama	Y
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Academic Level:	FHEQ5	**Credit Value:**	24.00	**Total Delivered Hours:**	49.00
Total Learning Hours:	240	**Private Study:**	191		

Delivery Options
Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	24.000
Off Site	6.000
Practical	1.000
Seminar	6.000
Workshop	10.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	short answer & essay	40.0	2.00
Presentation	SEM	group seminar	30.0	
Presentation	POST	poster on primate conservation	30.0	

Aims

To provide an introduction to the diversity and biology of the living non-human

primates.

Learning Outcomes

After completing the module the student should be able to:

1 Discriminate between features of living primate taxa.
2 Distinguish between the characteristic anatomical and physiological adaptations of the living primates.
3 Discuss interspecific relationships between sympatric species of primates and other members of the community.
4 Appraise current theories of primate evolution and cognition.
5 Appraise major population threats to primates and critically evaluate appropriate strategies for their conservation.

Learning Outcomes of Assessments

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

EXAM	1	2	3	4
SEMINAR	2	4		
POSTER2	5			

Outline Syllabus

Characteristics of primates. Diversity, taxonomy and biogeography of the living forms. An overview of primate evolution. Locomotion and arboreal adaptations. Body size and energy requirements. The diversity of primate diets and dietary adaptations. Life history patterns and factors affecting life history variables among primates.
The primate brain and senses. Sense organs: nose and olfaction, oral cavity, tongue and taste, auditory region and hearing, eyes and eyesight. Reproductive biology: the primate reproductive cycle and sexual behaviour. Primate community ecology: polyspecific associations. Primate cognitive abilities. An introduction to primate conservation including current threats to primate populations and possible conservation strategies.

Learning Activities

Lectures, practical, fieldwork, workshops, seminar presentation and poster session.

References

Course Material	Book
Author	Rowe,N.
Publishing Year	1996

Title	The Pictorial Guide to the Living Primates.
Subtitle	
Edition	
Publisher	Pogonias Press.
ISBN	

Course Material	Book
Author	Fleagle, J.
Publishing Year	2013
Title	Primate Adaptation and Evolution.
Subtitle	
Edition	3rd
Publisher	Academic Press.
ISBN	

Course Material	Book
Author	Ravosa, M. and Dagosto, M.
Publishing Year	2007
Title	Primate origins :adaptations and evolution
Subtitle	
Edition	
Publisher	Springer
ISBN	

Notes

The module examines the diversity and biology of the living primates. A comparative approach is taken to study a range of morphological, physiological, and ecological characteristics.