Liverpool John Moores University

Title:	PRIMATE ADAPTATION AND BEHAVIOUR
Status:	Definitive
Code:	**5015NATSCI** (120883)
Version Start Date:	01-08-2015
Owning School/Faculty:	Natural Sciences & Psychology
Teaching School/Faculty:	Natural Sciences & Psychology

Team	Leader
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Academic Level:	FHEQ5	**Credit Value:**	24.00	**Total Delivered Hours:**	58.00
Total Learning Hours:	240	**Private Study:**	182		

Delivery Options
Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	24.000
Off Site	12.000
Practical	2.000
Seminar	6.000
Workshop	14.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Test	Test	In class test	50.0	
Presentation	Poster	Poster Presentation	50.0	

Aims

To provide an introduction to the diversity of the living non-human primates and their adaptations.

Learning Outcomes

After completing the module the student should be able to:

1 Discriminate between features of living primate taxa.
2 Distinguish between a range of 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:

In class test	1	2	3	4
Poster Presentation	5			

Outline Syllabus

Diversity, taxonomy and biogeography of the living primates.
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.
Primate social behaviour.
The primate brain and senses: 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 a poster session.

Notes

The module examines the diversity and biology of the living primates. A comparative approach is taken to study a range of anatomical, behavioural and ecological adaptations.