

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
Emily Bethell	
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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.

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@inproceedings{Rowe1996PictorialGT, title={Pictorial Guide to the Living Primates}, author={Noel Rowe}, year={1996} }. Noel Rowe. Published 1996. Biology. View PDF. Save to Library. Create Alert. Cite. Quantification of Myosin Heavy Chain Isoform mRNA Transcripts in the Supraspinatus Muscle of Vertical Clinger Primates. This major work is an extensively illustrated field guide covering 234 species of primate, including all prosimians, monkeys and apes. Each species is illustrated with colour photographs, plus basic information and a range map. Following the taxonomy of Colin Groves, it includes many new species which have been described during the last decade. The Pictorial Key to the Tarot by A.E. Waite (1910) Sacred-Texts Esoteric Neopagan Buy CD-ROM Buy books about Tarot T The Complete Idiot's Guide to Green Living. 5`SS\:\WdWU by Trish Riley A member of Penguin Group (USA) Inc. 5`SS\:\WdWU by Trish Riley A member of Penguin Gr MacAddict Guide to Living the iLife. G U I D E T O Living the iLife Â® By Shelly Brisbin 800 East 96th Street Indianapolis, Indiana 46240 MacAddi...Â A Guide To Noble Living By Sri Swami Chidananda Sri Swami Sivananda Founder of The Divine Life Society SERVE, LOVE, G A Guide to Confident Living. C o n f i d e n t Living Norman Vincent Peale A FIRESIDE BOOK Published by Simon & Schuster New York London Toront Traitor to the Living. Ã—. Walker's Primates of the World. The Johns Hopkins University Press. Ronald M. Nowak. YearÂ You can write a book review and share your experiences. Other readers will always be interested in your opinion of the books you've read. Whether you've loved the book or not, if you give your honest and detailed thoughts then people will find new books that are right for them. 1. Atlas of Atherosclerosis and Metabolic Syndrome.