

Liverpool John Moores University

Title: PHYSIOLOGICAL CONCEPTS
Status: Definitive
Code: **4007NATSCI** (120881)
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: FHEQ4 **Credit Value:** 24.00 **Total Delivered Hours:** 62.00
Total Learning Hours: 240 **Private Study:** 178

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	32.000
Practical	14.000
Seminar	8.000
Workshop	8.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Test	Test		60.0	
Presentation	PBL		40.0	

Aims

To provide an introduction to a number of physiological processes in living organisms.

Learning Outcomes

After completing the module the student should be able to:

- LO1 Describe the major biochemical processes in a variety of living organisms
- LO2 Describe the major physiological processes in a variety of living organisms
- LO3 Prepare a presentation on a physiological subject

Learning Outcomes of Assessments

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

Test	LO1	LO2
PBL Group Presentation	LO3	

Outline Syllabus

Introduction to the basic concepts of physiology and homeostasis.

Basic biochemistry of living organisms.

Physiological systems in a variety of organisms, this will include topics such as circulation, thermoregulation and obtaining nutrients.

Learning Activities

Module to be delivered using lectures, practical classes, workshops and a group seminar exercise.

Notes

An introduction to the major physiological processes and the concepts of homeostasis in a variety of organisms.