

Liverpool John Moores University

Title: PHYSIOLOGY
Status: Definitive
Code: **4211NATSCI** (122051)
Version Start Date: 01-08-2020

Owning School/Faculty: Biological and Environmental Sciences
Teaching School/Faculty: Biological and Environmental Sciences

Team	Leader
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Academic Level: FHEQ4 **Credit Value:** 20 **Total Delivered Hours:** 60
Total Learning Hours: 200 **Private Study:** 140

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	29
Practical	15
Seminar	8
Workshop	8

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Test	Test	Online Test	60	
Presentation	PBL	Group Presentation	40	

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:

- 1 Evaluate the major physiological processes in living organisms
- 2 Evaluate the major biochemical processes in living organisms
- 3 Work effectively in a team to produce an oral presentation.

Learning Outcomes of Assessments

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

Online test	1	2
Group presentation	1	3

Outline Syllabus

Introduction to the basic concepts of physiology and homeostasis.

Basic biochemistry of living organisms, including the relevance of the laws of thermodynamics.

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

Learning Activities

The module is 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.