

Liverpool John Moores University

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Title: PHYSIOLOGY OF LIFE
Status: Definitive
Code: **5019NATSCI** (120889)
Version Start Date: 01-08-2017

Owning School/Faculty: Natural Sciences & Psychology
Teaching School/Faculty: Natural Sciences & Psychology

Team	Leader
Fatima Perez de Heredia	Y
Andrias O'Reilly	
Elaine Hemers	
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Academic Level: FHEQ5 **Credit Value:** 24 **Total Delivered Hours:** 56

Total Learning Hours: 240 **Private Study:** 184

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	33
Practical	13
Seminar	4
Workshop	6

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	Seminar	Group seminar presentation	40	4
Report	Report	Practical report	60	

Aims

To provide a deeper knowledge of plant and mammal physiology, building upon the concepts the students learnt in the previous year, and to apply that knowledge in a health-related setting.

Learning Outcomes

After completing the module the student should be able to:

- 1 Discuss the physiology of plants and its applications.
- 2 Explain the physiologies of diverse animal systems and their implications for pathological states.
- 3 Critically analyse physiological data and their implications for the organisms.
- 4 Interpret, present and communicate scientific information.

Learning Outcomes of Assessments

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

Group seminar presentation	1	2	4
Practical report	2	3	4

Outline Syllabus

Physiology of plants and its applications
Physiology of the regulatory systems
Potential implications for pathophysiology

Learning Activities

Lectures, practical classes, workshops, seminar presentation and practical report

Notes

This module builds upon the concepts learnt by the students in the previous year's Physiology module, complementing their knowledge on physiology of plants and animals, with special emphasis on mammal and human physiology.