Physiology

Module Information

2022.01, Approved

Summary Information

Module Code	4211NATSCI
Formal Module Title	Physiology
Owning School	Biological and Environmental Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Biological and Environmental Sciences

Learning Methods

Learning Method Type	Hours
Lecture	29
Practical	15
Seminar	8
Workshop	8

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	12 Weeks

Aims and Outcomes

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

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Evaluate the major physiological processes in living organisms
MLO2	2	Evaluate the major biochemical processes in living organisms
MLO3	3	Work effectively in a team (or independently if necessary) to produce an oral presentation.

Module Content

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.
Module Overview	This module will provide an introduction to the major physiological processes and the concepts of homeostasis in a variety of organisms. It will also provide an introduction to a number of physiological processes in living organisms.
Additional Information	An introduction to the major physiological processes and the concepts of homeostasis in a variety of organisms.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Test	Online test	60	0	MLO1, MLO2
Presentation	PBL presentation	40	0	MLO1, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Alun Hughes	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings