

Biology 2

Module Information

2022.01, Approved

Summary Information

Module Code	3515IFESG
Formal Module Title	Biology 2
Owning School	Engineering
Career	Undergraduate
Credits	10
Academic level	FHEQ Level 3
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
Study Group

Learning Methods

Learning Method Type	Hours
Lecture	17
Seminar	7
Tutorial	3
Workshop	6

Module Offering(s)

Display Name	Location	Start Month	Duration Number	Duration Unit
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JAN-PAR	PAR	January	12 Weeks
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Aims and Outcomes

Aims	To provide foundation students with an introduction to Physiological processes in animals and plants in preparation for undergraduate degrees in biological or biochemical sciences. The focus will be on mammalian physiology (especially human).
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Describe the structural and functional properties of the biological tissues and physiological systems covered in the syllabus.
MLO2	2	Explain how these systems operate and are controlled using accurate biological vocabulary.
MLO3	3	Interpret biological images and diagrams.

Module Content

Outline Syllabus	Tissue types- epithelial tissue, connective tissue, excitable tissue, examples of plant tissues Systems- homeostasis, endocrine, nervous, cardiovascular (including blood), respiratory, digestive, reproductive, urinary, immune, musculoskeletal and nutrient/ water transport in plants
Module Overview	
Additional Information	As previously stated, mammalian Physiology is the focus, although some examples of plant tissues and plant physiology will be treated for balance.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Exam	Examination	100	1.5	MLO1, MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Jack Mullett	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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