

Liverpool John Moores University

Title: Further Topics in Biology and Chemistry
Status: Definitive
Code: **3517IFYSP** (119755)
Version Start Date: 01-08-2017

Owning School/Faculty: Academic Portfolio
Teaching School/Faculty: Academic Portfolio

Team	Leader
Kamila Tomczak	Y

Academic Level: FHEQ3 **Credit Value:** 12 **Total Delivered Hours:** 61.5
Total Learning Hours: 120 **Private Study:** 58.5

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	30
Seminar	10
Tutorial	10
Workshop	10

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	1000 word essay	50	
Exam	AS3	End of year exam	50	1.5

Aims

To allow students to further extend their knowledge and understanding of Biology and Chemistry.

To introduce additional topics such as Ecology and Genetics.

Learning Outcomes

After completing the module the student should be able to:

- 1 Explain the fundamentals of genetics, ecology and plant biology.
- 2 Describe how inorganic chemical reactions work and the main factors which affect them.
- 3 Present the important elements, and the trends in their properties, of the Periodic Table.
- 4 Discuss chemical ideas and data in a clear and accurate form.

Learning Outcomes of Assessments

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

Essay	1			
Exam	2	3	4	

Outline Syllabus

Enhanced genetics

Ecology; ecosystems, pollution and conservation

Plant biology

Presentation of chemical data

Inorganic chemistry reactions

Redox 2

Transition metal chemistry

Learning Activities

Lectures and seminars will be a key part of learning within this module alongside workshops whereby students will continuously test their scientific knowledge.

Notes

None