

Liverpool John Moores University

Title: SKILLS AND PERSPECTIVES IN SCIENCE 2
Status: Definitive
Code: **3405FNDSCI** (121961)
Version Start Date: 01-08-2021

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

Team	Leader
Mark Feltham	Y

Academic Level: FHEQ3 **Credit Value:** 20 **Total Delivered Hours:** 60
Total Learning Hours: 200 **Private Study:** 140

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	33
Tutorial	5
Workshop	22

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	group pres	Group presentation	60	
Report	report	Report	40	

Aims

This module aims to cover a selection of topical subjects in biology, chemistry and related areas of natural sciences.

To enable students to develop a range of academic, research and transferable skills related to their programme of study.

Learning Outcomes

After completing the module the student should be able to:

- 1 Provide an overview of selected topical issues in biology, chemistry and other natural sciences.
- 2 Evaluate the scientific content of current popular research topics
- 3 Apply scientific approaches to solve problems.
- 4 To develop a range of transferable skills in order to fully exploit learning opportunities in the field of scientific research at University and beyond.

Learning Outcomes of Assessments

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

group presentation	1	2
report	3	4

Outline Syllabus

The aims and learning outcomes of this module will be addressed through a series of lectures in chemistry, biology and other natural science topics. The range of subjects covered will be varied to reflect the interests of individual staff members.

Personal planning & organizing: time management: skills auditing and skills development, target setting, action planning, using feedback.

Problem solving: the nature of scientific enquiry, the Scientific Method, experimental design, hypothesis testing.

Learning Activities

This module will be delivered using a combination of lectures, tutorials and seminars

Notes

This module provides students with an appreciation of some modern scientific issues that are commonly discussed in the press