Liverpool John Moores University

Title:	SKILLS AND PERSPECTIVES IN BIOMOLECULAR SCIENCE 2
Status:	Definitive
Code:	**3411FNDSCI** (125821)
Version Start Date:	01-08-2021
Owning School/Faculty:	Pharmacy & Biomolecular Sciences
Teaching School/Faculty:	Biological and Environmental Sciences

Team	Leader
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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	6
Workshop	21

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	Poster	Poster	60	
Report	Report	Report	40	

Aims

To enable students to further develop a range of underpinning skills, especially in data and statistical analysis to aid study in their chosen academic programme.

To provide a structured tutorial component that contains both academic and personal development planning and employability material.

To introduce the students to current areas of research interest within the molecular and forensic biosciences.

Learning Outcomes

After completing the module the student should be able to:

1 Provide an overview of selected topical issue in molecular or forensic bioscience.
2 Evaluate the scientific content of current popular research topics
3 Apply scientific approaches to solve problems.

Learning Outcomes of Assessments

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

Poster Presentation	1	2
Data Anaysis Report	3	

Outline Syllabus

Skills: Data analysis, statistical analysis, hypothesis testing, experimental design, presentation of results, report writing, using scientific literature, poster design.

A series of lectures in molecular and forensic bioscience highlighting current research topics at a suitable level for students to be able to choose an area for their poster.

Learning Activities

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

Notes

This module should provide students with an appreciation of data analysis and how to present scientific results. Students will also be introduced to current research areas within the molecular and forensic biosciences.