

### Module Information

2022.01, Approved

#### Summary Information

Module Code	3411FNDSCI
Formal Module Title	Skills and Perspectives in Biomolecular Science 2
Owning School	Pharmacy & Biomolecular Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 3
Grading Schema	40

#### Teaching Responsibility

LJMU Schools involved in Delivery
Biological and Environmental Sciences

#### Learning Methods

Learning Method Type	Hours
Lecture	33
Tutorial	6
Workshop	21

#### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

#### Aims and Outcomes

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.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Provide an overview of selected topical issue in molecular or forensic bioscience.
MLO2	2	Evaluate the scientific content of current popular research topics
MLO3	3	Apply scientific approaches to solve problems.

### Module Content

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.
Module Overview	This module will enable you to further develop a range of underpinning skills, especially in data and statistical analysis. It will aid study in your chosen academic programme and provide a structured tutorial component that contains both academic and personal development planning and employability material.
Additional Information	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.

### Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Presentation	Poster Presentation	60	0	MLO1, MLO2
Report	Data Analysis Report	40	0	MLO3

### Module Contacts

#### Module Leader

Contact Name	Applies to all offerings	Offerings
Amanda Reid	Yes	N/A

#### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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