

Liverpool John Moores University

Title: METHODS IN BIOCHEMISTRY
Status: Definitive
Code: **5101BCBMOL** (122488)
Version Start Date: 01-08-2021

Owning School/Faculty: Pharmacy & Biomolecular Sciences
Teaching School/Faculty: Pharmacy & Biomolecular Sciences

Team	Leader
Amanda Reid	Y
Kehinde Ross	
Andrew Powell	
Helen Burrell	
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Academic Level: FHEQ5 **Credit Value:** 20 **Total Delivered Hours:** 58
Total Learning Hours: 200 **Private Study:** 142

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	14
Online	4
Practical	18
Tutorial	6
Workshop	14

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Open Book	Open Book exam	60	2
Practice	P Skills	Practical Skills	40	

Aims

Theory and practice of a range of methods relevant to research and practice in Biochemistry.

Further development in skills, critical evaluation and career planning.

Tutorial and PDP support for level 5 students on the Biochemistry programme.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate an appropriate level of understanding of a range of laboratory techniques
- 2 Analyse data using appropriate methodology including statistical techniques
- 3 Perform a range of laboratory techniques and interpret the results

Learning Outcomes of Assessments

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

Open Book exam	1	2	3
Practical Skills	1	2	3

Outline Syllabus

*Theoretical knowledge and practical experience of a range of laboratory techniques.
Some career planning (in association with the careers service), PDP and employability skills.*

Making Things Happen - World of Work Certificate

Research skills, critical reading, problem solving and method evaluation

Appropriate statistical tests and data handling techniques

Learning Activities

Lectures, workshops, practicals and tutorials

Notes

Theory and practice of a range of methods relevant to research and practice in Biochemistry.

Further development in skills, critical evaluation and career planning.

Tutorial and PDP support for level 5 students on the Biochemistry programme.