

## Liverpool John Moores University

Title: RESEARCH METHODS FOR VIROLOGY  
Status: Definitive  
Code: **7108VMBMOL** (123655)  
Version Start Date: 01-08-2021

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

Team	Leader
Kehinde Ross	Y
Jo Foulkes	
Helen Smalley	

**Academic Level:** FHEQ7      **Credit Value:** 10      **Total Delivered Hours:** 20  
**Total Learning Hours:** 100      **Private Study:** 80

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Tutorial	20

**Grading Basis:** 50 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	Report	Critique of a research paper	50	
Presentation	Poster	Poster	50	

### Aims

*To develop and embed a critical and rigorous approach to the research process.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate an understanding of the research method
- 2 Produce a critique of a recent Virology research paper
- 3 Analyse and criticize scientific findings

## Learning Outcomes of Assessments

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

Critique of a research paper	1	2	3
Poster	1	3	

## Outline Syllabus

*Critique of scientific research*  
*Referencing and the use of EndNote*  
*Data handling and analysis*  
*Reviewing current scientific topics*

## Learning Activities

Distance learning with tutorial and Blackboard support.

## Notes

Evaluation of a scientific paper, familiarisation with literature search facilities, preparation of a scientific poster. Reading materials will mainly be obtained from scientific journals.

## ADDITIONAL INFORMATION REQUIRED FOR SINGLE-MODULE CPD AWARDS (in lieu of a Programme Specification)

No specific benchmarks are available for this module, but the learning outcomes at least meet, if not exceed, those stipulated in the relevant qualification descriptors for a higher education qualification at level 7 (Master's degree characteristics) as defined by QAA, Sept 2015. The module has also been informed by the benchmark statement for Biomedical Science June 2015.

The module is delivered by Blackboard, which is supported by a Virology Tutor. Study mode is part-time distance learning and lasts for 1 semester. Attendance is only required for the module examination. Intake is every September.

The criteria for admission to the module require that candidates meet the criteria for admission to the MSc Virology programme (30966).

The final award is Continuing Professional Development in Principles of Virology, 20 credits at Level 7.

The students have access to a module Blackboard site and the University's other range of electronic support such as access to the electronic library facilities. The

module content is regularly updated on the Blackboard site including contemporary reading lists and links to journal articles. Students have access to the community site for Virology. All students are assigned a personal Virology Tutor for support and guidance through the module, this maybe via email or online tutorials. There is also access to the module leader through phone contact and email. Module and CPD guides are also provided, which provide a range of information.

The programme is assessed and run in line with the Academic Framework <http://www.ljmu.ac.uk/eaqs/121984.htm>

The module is accredited by The Institute for Biomedical Science (Sept 2015- Aug 2020). The module forms part of the MSc Virology programme (30966) which was reviewed in June 2016.

The methods for improving the quality and standards of learning are as follows:

- Annual monitoring Review;
- Liaison and feedback from the students;
- Reports from External Examiner;
- Programme team ensuring the module reflects the values of the current teaching and learning strategy;
- Module leader and/or Specialist Virology author updating knowledge and skills to ensure these remain current and relevant.

The module is included in the programme specification for the MSc Virology programme (30966). The module is aligned with the same MSc Virology module for annual monitoring and external examining purposes.