Liverpool John Moores University

Title:	RESEARCH METHODS
Status:	Definitive
Code:	**7009VMBMOL** (113127)
Version Start Date:	01-08-2012

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

Team	emplid	Leader
Kehinde Ross		Y
Katie Evans		
Helen Smalley		
Steven Crosby		
Glyn Hobbs		
George Sharples		

Academic Level:	FHEQ7	**Credit Value:**	10.00	**Total Delivered Hours:**	10.00
Total Learning Hours:	100	**Private Study:**	90		

Delivery Options
Course typically offered: Summer

Component	Contact Hours
Tutorial	10.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Critique of a research paper	50.0	
Essay	AS2	Research proposal or mini-review	50.0	

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	Analyze 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
Research proposal/mini-review	1	3	

Outline Syllabus

Critique of scientific research
Referencing and the use of EndNote
Data handling and analysis
Research Ethics

Learning Activities

Reviewing current topics in the popular literature, familiarisation with literature search facilities, drafting a topic for ethical approval, data handling exercise

References

Course Material	Book
Author	Mepham B.
Publishing Year	2008
Title	Bioethics
Subtitle	An introduction for the biosciences
Edition	
Publisher	Oxford University Press
ISBN	9780199214303

Course Material	Book
Author	Macrina F.L.
Publishing Year	2000
Title	Scientific Integrity
Subtitle	
Edition	

Publisher	ASM Press
ISBN	1555811523

Notes

Reviewing current topics in the popular literature, familiarisation with literature search facilities, drafting a topic for ethical approval, data handling exercise