

Liverpool John Moores University

Title: REVIEW IN BIOMEDICAL SCIENCE
Status: Definitive
Code: **7002BMBMOL** (101502)
Version Start Date: 01-08-2011

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

Team	Leader
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Academic Level: FHEQ7 **Credit Value:** 20.00 **Total Delivered Hours:** 10.00
Total Learning Hours: 200 **Private Study:** 190

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	2.000
Seminar	4.000
Tutorial	4.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Dissertation	AS1	Practice - 10% , Written	80.0	

Category	Short Description	Description	Weighting (%)	Exam Duration
		Scientific Review - 70%		
Presentation	AS2	Present your findings in a 15 minute seminar followed by 5 minutes of questions.	20.0	

Aims

1. An in-depth advanced study in a subject-specific area of Biomedical Science, largely independent of tutor support.
2. Location and critical analysis of the scientific literature in the chosen subject area.
3. Development of written and oral communication skills appropriate to the scientific community.

Learning Outcomes

After completing the module the student should be able to:

- LO1 Negotiate a study topic with a designated tutor.
- LO2 Identify, locate and analyse the scientific literature and thus delineate the topic for in-depth study.
- LO3 Critically appraise and review the current situation in the chosen study area.
- LO4 Summarise the current state of knowledge in the chosen subject area (including reasoned arguments of any areas of controversy), and justify suggestions for further research, in the form of a review paper.
- LO5 Defend the review orally in the form of a seminar followed by peer-group questions and discussion.

Learning Outcomes of Assessments

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

BMS Literature Review LO LO LO LO
 1 2 3 4

Oral Defence LO
 5

Outline Syllabus

1. Library facilities, literature searching, internet searching.
2. Research methods (overview of statistical methods, referencing)
3. Report writing.
4. Presentation.

Learning Activities

The specialist subject area will be negotiated individually between the student, the module leader and, where necessary, the employing laboratory. This will occur within the first three weeks of Semester 1 and a tutor will be appointed from the teaching team. Students may then undertake independent work for this module at any time with assessment occurring late in semester 2.

References

Course Material	Journal / Article
Author	
Publishing Year	
Title	Trends in Molecular Medicine
Subtitle	
Edition	
Publisher	Elsevier
ISBN	1471-4914

Course Material	Journal / Article
Author	
Publishing Year	
Title	British Journal of Biomedical Science
Subtitle	
Edition	
Publisher	Institute of Medical Laboratory Sciences (Great Britain); Royal Society of Medicine Services (Great Britain), Royal Society of Medicine Services Ltd
ISBN	0967-4845

Notes

The students will provide indicative references. If supervisors have any key references for a chosen subject area, they will be made available to the student.

The Harvard system of referencing must be used in the review.

The module will provide training and assessment in familiarising oneself with the scientific literature associated with a chosen subject area, the production of a clear, concise and critical scientific review, and its oral defence.