

Liverpool John Moores University

Title: RECENT ADVANCES IN BIOMEDICAL SCIENCE
Status: Definitive
Code: **7006BMBMOL** (101506)
Version Start Date: 01-08-2012

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:** 40.00
Total Learning Hours: 200 **Private Study:** 160

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Seminar	40.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	The best essay mark from the 5 study sessions	30.0	
Portfolio	AS3	Presentation of above together with written notes in a portfolio	40.0	

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS2	The best critical appraisal mark from the 5 study sessions	30.0	

Aims

This module aims to bring students to forefront of knowledge and research in biomedical science.

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically appraise and review current knowledge and research in five chosen areas of biomedical science.
- 2 Demonstrate an awareness of current research in those chosen areas.
- 3 Reflect on how advances in biomedical science impinge on practice.

Learning Outcomes of Assessments

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

essay	1	2	
portfolio	1	2	3
critical appraisal	1	2	

Outline Syllabus

Symposium topics will be dependant upon current "hot topics" in biomedical science and the expertise available. The themes will include common pathology laboratory specialties together with some cross-discipline topics.

Learning Activities

This module will be divided into units of symposia days. Five units will be offered per year including some linked to common pathology laboratory specialties together with some cross-discipline units. Some of these will be led by LJMU staff and others will be led by external laboratory/medical staff. Students will study all five units and, for each unit, will be required to undertake directed reading in advance (5 hours), attend a series of seminars (symposia, 5 hours) and write a 1500-word essay on a topic relevant to that unit or a critical appraisal of a key research paper relevant to that unit (20 hours). This will leave 50h of learning activity to assimilate a portfolio from this module containing notes, key references and essays/appraisals.

References

Course Material	Book
Author	Provided by the unit leader for each symposium and a key reference list to support the seminars.
Publishing Year	0
Title	
Subtitle	
Edition	
Publisher	
ISBN	

Notes

This module will enable the student to become familiar with some "hot" topics in the field of biomedical science. By critically appraising literature and assimilating information from a series of symposia into essays and reflective pieces, the student will learn about the wider issues of biomedical science. This information will then be collected in the form of a portfolio.