Liverpool John Moores University

Title:	STUDY OF DISEASE 1
Status:	Definitive
Code:	**6101BMBMOL** (122471)
Version Start Date:	01-08-2021
Owning School/Faculty:	Pharmacy & Biomolecular Sciences
Teaching School/Faculty:	Pharmacy & Biomolecular Sciences

Team	Leader
Gordon Lowe	Y
Khalid Rahman	
Steven Crosby	

Academic Level:	FHEQ6	**Credit Value:**	20	**Total Delivered Hours:**	58
Total Learning Hours:	200	**Private Study:**	142		

Delivery Options
Course typically offered: Semester 1

Component	Contact Hours
Lecture	44
Seminar	3
Workshop	11

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	Essay 1	Critical essay 1	50	
Essay	Essay 2	Critical essay 2	50	

Aims

The module with explore mechanisms for the initiation of atherosclerosis along with identifying relevant risk factors. The content with also examine the effective use of statins and anti-platelet therapy. This will be underpinned by detailing laboratory diagnostic tests and current research into atherosclerosis. A critical evaluation of the

laboratory tests and pathological mechanisms associated with endocrine function will also be undertaken.

Learning Outcomes

After completing the module the student should be able to:

1	Critically evaluate the scientific basis of pathological processes associated with the atherosclerosis and endocrine systems.
2	Demonstrate the ability to apply critical thinking when presented recent research papers in the area of endocrinology or atherosclerosis.

Learning Outcomes of Assessments

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

Essay 1	1	2
Essay 2	1	2

Outline Syllabus

Endocrine systems: Disorders of the hypothalamus, anterior pituitary gland, thyroid gland and adrenal gland. laboratory investigations including dynamic function tests. A critical approach examining the aetiology and risk factors relating to atherosclerosis. The lectures will be underpin and will highlight recent research and advances in CHD.

Learning Activities

Material will be delivered through a combination of lectures, tutorials, seminars and workshops.
The module incorporates mini literature reviews for student, which will involve self-directed learning with tutor support.

Notes

Lectures will provide background for the student to tackle two essays concerned with atherosclerosis and endocrine function. Further discussion on these topics will be through workshops and seminars.

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 6 as defined by QAA, Sept 2015. The module has also been informed by the benchmark statement for Biomedical Science June 2015.
Intake is every September.

The criteria for admission to the module require that candidates meet the criteria for admission to the BSc Biomedical Science programme (32805).
The final award is Certificate of Professional Development in Study of Disease 1, 20 credits at Level 6.
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 Biomedical Science. All students have 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 2016- Aug 2021). The module forms part of the BSc Biomedical Science programme (32805) which was reviewed in April 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 updating knowledge and skills to ensure these remain current and relevant.

The module is included in the programme specification for the BSc Biomedical Science programme (32805). The module is aligned with the same BSc Biomedical Science module for annual monitoring and external examining purposes.