

Liverpool John Moores University

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Title: HEALTH AND DISEASE
Status: Definitive
Code: **6020NATSCI** (119564)
Version Start Date: 01-08-2019

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

Team	Leader
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Academic Level: FHEQ6 **Credit Value:** 24 **Total Delivered Hours:** 46

Total Learning Hours: 240 **Private Study:** 194

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	34
Practical	3
Tutorial	3
Workshop	4

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	Case-Study		50	

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Exam		50	2

Aims

To provide an understanding of a range of health and disease states at the cellular, molecular and organismal level.

Learning Outcomes

After completing the module the student should be able to:

- 1 Discuss the causes of a range of disease states at the cellular, molecular and organismal level
- 2 Critically evaluate the literature to prepare a case study on a given disease state.
- 3 Demonstrate an understanding of a range laboratory techniques appropriate to the study of cellular and molecular biology.

Learning Outcomes of Assessments

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

Case-Study	1	2
Exam	1	3

Outline Syllabus

The history of disease. The cellular and molecular mechanisms behind a range of disease states with varied etiology, including genetics, lifestyle and exogenous factors. Disease transmission processes.

Learning Activities

This module will be delivered through a combination of lectures, practicals and tutorials.

Notes

This module examines a variety of disease states at the cellular, molecular and organismal level.