

## Liverpool John Moores University

Title: HEALTH AND DISEASE  
Status: Definitive  
Code: **6202NATSCI** (122185)  
Version Start Date: 01-08-2021

Owning School/Faculty: Biological and Environmental Sciences  
Teaching School/Faculty: Biological and Environmental Sciences

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**Academic Level:** FHEQ6      **Credit Value:** 20      **Total Delivered Hours:** 52

**Total Learning Hours:** 200      **Private Study:** 148

### Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	35
Practical	6
Tutorial	3
Workshop	6

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Exam	Exam	50	2
Essay	Case-Study	Case-Study	50	

## 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 of laboratory techniques appropriate to the study of cellular and molecular biology
- 4 Work effectively in a team to develop problem solving skills and produce a case-study.

## Learning Outcomes of Assessments

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

Examination	1	3	
Case-Study	1	2	4

## Outline Syllabus

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

## Learning Activities

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

## Notes

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