

Liverpool John Moores University

Title: Anatomy and Physiology in Health and Illness
Status: Definitive
Code: **4005PM** (125061)
Version Start Date: 01-08-2021

Owning School/Faculty: Nursing and Allied Health
Teaching School/Faculty: Nursing and Allied Health

Team	Leader
Ron Harris	Y

Academic Level: FHEQ4
Credit Value: 20
Total Delivered Hours: 52
Total Learning Hours: 200
Private Study: 148

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	40
Online	8
Tutorial	1

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	3 hour unseen written examination	100	3

Aims

To further develop the understanding of human anatomy and physiology.

Learning Outcomes

After completing the module the student should be able to:

- 1 Define the role and function of the major body systems.
- 2 Apply anatomical knowledge to predict physiological consequences.
- 3 Recognise and explain the interrelationships within and between anatomical and physiological systems of the human body.
- 4 Identify ideas to make a connection between knowledge of anatomy and physiology and real life situations.

Learning Outcomes of Assessments

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

3 hour examination	1	2	3	4
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Outline Syllabus

Physical and life sciences including:

Introduction to cells, tissues, organs and body systems.

Human growth and development.

Body systems including: cardiovascular, respiratory, nervous, musculoskeletal, digestive, urinary, endocrine and reproductive.

Genetics.

Role of nutrition in health and illness.

Immunology.

Homeostasis imbalances.

Feedback systems.

Haemodynamics.

Learning Activities

Lectures, group discussions, group work, e-learning.

Notes

This module explores human anatomy and physiology by considering growth and development within the context of the human life cycle. It will enhance the student's understanding of human biological systems. The module allows students to consider common dysfunctions in human physiology and the associated impacts on pathophysiology.