

Liverpool John Moores University

Title: Structure and Function of the Human Body
Status: Definitive
Code: **4000PM** (125057)
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 1

Component	Contact Hours
Lecture	40
Online	8
Tutorial	1

Grading Basis: 40 %

Assessment Details

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

Aims

To develop an understanding of human anatomy and physiology.

Learning Outcomes

After completing the module the student should be able to:

- 1 Develop a basic understanding of human anatomy and physiology.
- 2 Recognise the anatomical structures and explain their physiological functions.
- 3 Recognise and explain the principles of homeostasis and the use of feedback systems.
- 4 Explore elements of growth and development in the human life cycle.

Learning Outcomes of Assessments

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

3 hour exam 1 3 2 4

Outline Syllabus

Physical and life sciences:

Introduction to cells, tissues and organs.

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.

Homeostatic imbalance.

Feedback systems.

Fluid balance.

Haemodynamics

Learning Activities

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

Notes

Understanding of the structure and function of the human body plays an important role in decision making for paramedics. The module will allow students to appreciate and understand the anatomy and physiology for patients in care.