

Liverpool John Moores University

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Title: BIOLOGICAL BASIS OF HEALTH
Status: Definitive
Code: **4002FDASPP** (106820)
Version Start Date: 01-08-2014

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

Team	Leader
Michael Browne	Y
Catherine Taylor	

Academic Level: FHEQ4 **Credit Value:** 20.00 **Total Delivered Hours:** 62.00
Total Learning Hours: 200 **Private Study:** 138

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	30.000
Online	30.000
Tutorial	0.500

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Case study 'discuss the effects of one selected disorder on the body' 1500 words maximum. Must be passed.	40.0	
Exam	AS2	Exam MCQ 1 1/2 hours. Must be passed	60.0	1.50

Aims

To provide an overview of the systems of the human body with an emphasis on those elements related to health, homeostasis and common illnesses.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate an understanding of the anatomy and physiology of body systems.
- 2 Explain the concept of homeostasis and describe the role of the body systems in its maintenance.
- 3 Describe the effect of selected disorders on the body.

Learning Outcomes of Assessments

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

Essay	3
Exam	1 2

Outline Syllabus

Body systems: cardiovascular, respiratory, gastro-intestinal, renal, musculo skeletal, nervous, endocrine, immune systems.

Body defences. Cells to homeostasis.

Assisting clients to maintain homeostasis in disturbed states e.g. dehydration, pyrexia, and hypoxaemia.

An introduction to pathophysiology and a range of common disorders affecting body systems.

Learning Activities

Lectures, seminars, tutorials, Blackboard, discussion groups, problem, solving exercises.

References

Course Material	Book
Author	Hinchcliffe S
Publishing Year	2000
Title	Physiology for Nursing Practice
Subtitle	
Edition	2nd
Publisher	Ballierre Tindal
ISBN	

Course Material	Book
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Author	Martini F H
Publishing Year	2009
Title	Fundamentals of Anatomy and Physiology
Subtitle	
Edition	5th
Publisher	Prentice Hall
ISBN	

Course Material	Book
Author	Ross S & Wilson S
Publishing Year	2006
Title	Anatomy and Physiology in Health and Illness
Subtitle	
Edition	10th
Publisher	Edinburgh Churchill Livingstone
ISBN	

Course Material	Book
Author	Clancy, J. McVicar, A.
Publishing Year	2001
Title	Physiology and anatomy: a homeostatic approach
Subtitle	
Edition	
Publisher	Arnold Low
ISBN	

Notes

In order to pass the module all components must be passed.