

Human Biology

Module Code:	HES3001-B
Academic Year:	2018-19
Credit Rating:	20
School:	School of Allied Health Professions and Midwifery
Subject Area:	Health Studies (Allied Health Professions)
FHEQ Level:	FHEQ Level 3

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	15
Tutorials	5
Laboratory	5
Directed Study	174
Examinations DO NOT USE	1

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Semester 1 (Sep - Jan)
BDA	University of Bradford / Semester 2 (Feb - May)

Module Aims

To develop the students' knowledge and understanding of the functional organisation of human body relevant to health care.

To examine the structure of cells and cellular function.

To enhance understanding of normal physiology of body systems and selected pathophysiology.

Outline Syllabus

The internal environment and homeostasis

Cell structure. Cell communication. Diffusion and osmosis.

Control and co-ordination through the nervous and endocrine systems.

Anatomy and physiology of the cardiovascular system, respiratory system, digestive system, urinary system including homeostasis and selected diseases.

The female reproductive cycles, blood sugar regulation and diabetes, thermoregulation,

Laboratory work: associated with human physiology, health and safety, report writing and presentation of including descriptive analysis.

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1 Describe the normal functioning of the major body systems and their control
- 2 Identify the mechanisms of specific diseases
- 3 Undertake practical tasks associated with human physiology analysis and interpretation of data.
- 4 Organise, analyse and interpret data.

Learning, Teaching and Assessment Strategy

Learning outcomes 01 and 02 will be facilitated through lectures and tutorials supported by web-based learning resources.

Learning outcomes 03 and 04 will be achieved through laboratory work, simulated skills and university-based practical exercises.

Directed study consists of own reading towards module outcomes, teaching sessions and production of assessment material.

Assessment 1, MCQ examination, will assess learning outcome 01

Assessment 2, Laboratory report, will assess learning outcomes 02, 03, 04

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Laboratory Report	Record of laboratory work and physiology project (1000 words)	0 hours	30%	No

Summative	Examination - MCQ	Online (electronic) examination - MCQ EMQ	1 hour	70%	No
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Legacy Code (if applicable)

HN-0026D

Reading List

To view Reading List, please go to [rebus:list](#).