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

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Lectures</td>
<td>15</td>
</tr>
<tr>
<td>Tutorials</td>
<td>5</td>
</tr>
<tr>
<td>Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>Directed Study</td>
<td>174</td>
</tr>
<tr>
<td>Examinations DO NOT USE</td>
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Availability Periods

<table>
<thead>
<tr>
<th>Occurrence</th>
<th>Location/Period</th>
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<tbody>
<tr>
<td>BDA</td>
<td>University of Bradford / Semester 1 (Sep - Jan)</td>
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<tr>
<td>BDA</td>
<td>University of Bradford / Semester 2 (Feb - May)</td>
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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
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

<table>
<thead>
<tr>
<th>Type</th>
<th>Method</th>
<th>Description</th>
<th>Length</th>
<th>Weighting</th>
<th>Final Assess'</th>
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<tbody>
<tr>
<td>Summative</td>
<td>Laboratory Report</td>
<td>Record of laboratory work and physiology project (1000 words)</td>
<td>0 hours</td>
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<tr>
<td>Summative Examination - MCQ</td>
<td>Online (electronic) examination - MCQ EMQ</td>
<td>1 hour</td>
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**Legacy Code (if applicable)**
HN-0026D

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