

Module Details	
Module Title:	Foundation in Human Biology
Module Code:	HES3001-B
Academic Year:	2019-20
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	40
Directed Study	160

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 2 (Feb - May)

Module Aims
To develop student's knowledge, understanding & implications of the function and dysfunction of the human body.

Outline Syllabus
Focus on function & dysfunction of human body systems - Anatomy and physiology of systems - gastrointestinal, genitourinary, renal, respiratory, neurological, musculoskeletal, blood & cardiovascular, immune, lymphatic, central & peripheral nervous, endocrine. Homeostasis, nutrition & diet tissue healing, inflammation, pain, role of the cell. Foetal, child and physical development, adolescents, working age adult, aging & aging process. Common long term health conditions e.g. obesity, diabetes, heart disease, chronic obstructive pulmonary disease, dementia, depression, anxiety, falls, bowel, breast cancer, HIV/AIDS. Presenting signs and symptoms, predisposing factors, pathogenesis, associated investigations, management of

conditions in practice, including signposting, outcomes and prognosis. Nutrition & diet.
Reading List:

Marieb, E, Wilhelm, P.B.(2015). Essentials of Human Anatomy and Physiology. 11th Edition. Pearson.

Martini, F.H and Bartholomew, E.F. (2017). Essentials of Anatomy and Physiology 7th Edition. Pearson Benjamin Cummings, London.

Web

Anatomy TV- http://www.anatomy.tv/new_home.aspx

BBC Bitesize GCSE Biology <http://www.bbc.co.uk/education/subjects/z9ddmp3>

25.3.2019

Learning Outcomes

1	Describe the normal functioning of the major body systems and their control.
2	Explain the mechanisms, manifestation and management of specific disorders and their relevance to your area of interest.
3	Identify the biopsychosocial impact of having a long term condition on the service user.
4	Recognise the impact of medical investigation, management and rehabilitation pathways for specified conditions related to your area of interest.

Learning, Teaching and Assessment Strategy

Key lectures adopting a blended learning approach will be used to disseminate theoretical knowledge providing students with the opportunity to adopt transferable skills which will enhance students' academic development to understand the needs of service user.

Seminars, technology enabled learning and staff led group discussions will be used to facilitate individual and group learning and to develop skills to provide research informed, patient centred care.

Directed study will enable students to be guided in their reading and learning and will be based on key texts, web pages and case scenarios the content of which addresses the module learning outcomes.

Formative assessment, peer feedback and ongoing support via e-mail, and face to face support will be available through individual & group tutorial sessions in order to facilitate development for the summative assessment. The learning outcomes will be assessed through assessment of coursework and a MCQ examination.

Mode of Assessment

Type	Method	Description	Length	Weighting
Summative	Examination - MCQ	Multiple choice questions (MCQ)	1 hour	40%
Summative	Coursework	Coursework outlining 3 patient conditions - 3000 words	3000 words	60%

Reading List

To access the reading list for this module, please visit <https://bradford.rl.talis.com/index.html>.

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.