

Module Details	
Module Title:	Human Biology for Practice
Module Code:	HES4003-C
Academic Year:	2017-18
Credit Rating:	30
School:	School of Allied Health Professions and Midwifery
Subject Area:	Health Studies (Allied Health Professions)
FHEQ Level:	FHEQ Level 4
Pre-requisites:	
Co-requisites:	

Contact Hours	
Type	Hours
Lectures	26
Seminar	13
Directed Study	261

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

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

Outline Syllabus
Focus on function and dysfunction of body systems - Anatomy and physiology of systems - gastrointestinal, genitourinary, renal, respiratory, neurological, musculoskeletal, blood and cardiovascular, immune, lymphatic, central and peripheral nervous, endocrine. Homeostasis, tissue healing, inflammation, pain, role of the cell. Foetal, child and physical development. adolescents, working age adult, aging and 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. Use and application of digital healthcare and telehealth.

Learning Outcomes

1	Identify the normal structure, function and control of major body systems.
2	Explain the mechanisms, manifestation and management of specific disorders and their relevance to your area of practice.
3	Identify the biopsychosocial impact of the condition on the service user.
4	Apply knowledge of pathology and clinical manifestation to conceptualise aspects of care provided to service users in a health and social care setting.
5	Recognise the impact of care and rehabilitation pathways for specified conditions related to your area of practice,
6	Organise, analyse and interpret simple data
7	Utilise digital literacy skills to support learning and development
8	Communicate information in a user friendly manner.

Learning, Teaching and Assessment Strategy

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

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' professional, personal and academic development to directly benefit the service user. LO's 01, 02, 04, 05.

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. LO's 03, 04, 05, 06

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 which addresses module LO's 07-08. formative assessment, peer feedback and ongoing support via e-mail, a portfolio and face to face support will be available through individual & group tutorial sessions in order to facilitate development for the summative assessment.

Mode of Assessment

Type	Method	Description	Length	Weighting
Summative	Examination -	Multiple Choice		40%

	MCQ	questions (MCQ)		
Summative	Coursework	Infographic (A4 size) or Poster (A4 size) selecting a long term health condition.		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.