University of the West of England
BRISTOL

CORPORATE AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data						
Module Title	Physiology, Health and Disease					
Module Code	UZZSTN-30-1		Level	1	Version	1
Owning Faculty	Health and Applied Sciences		Field	Mental Health and Learning Disabilities		
Contributes towards	FdSc Integrated Mental Health and Social Care					
UWE Credit Rating	30	ECTS Credit Rating	15	Module Type	Standard	
Pre-requisites	None		Co- requisites	None		
Excluded Combinations	None		Module Entry requirements	None		
First CAP Approval Date	29 November 2016		Valid from	January 2017		
Revision CAP Approval Date			Revised with effect from			

Part 2: Learning and Teaching	
Learning Outcomes	On successful completion of this module students will be able to: • Demonstrate and apply an understanding of basic anatomy and physiology and show understanding of its relevance to practice (Component A and Component B) • Describe the key physiological concepts which aim to promote or restore homeostasis and the relationship with health (Component A) • Explain the basis of disease response mechanisms and demonstrate an understanding of the physiological processes involved in pathologies commonly seen in practice (Component A) • Outline the key principles of pharmacology, describe characteristics of major medicines groups and show understanding of its relevance to practice (Component A) • Demonstrate an understanding of the concept of health and wellbeing and explain the impact of lifestyle upon health (Component B) • Demonstrate awareness and understanding of observation skills used in practice (Component B)

Syllabus Outline	Concepts of health and wellbeing. Determinants of health and impact of lifestyle factors. Organisation of the human body Homeostasis and health

	Transport - cardiovascular system, blood, lymphatic and respiratory systems Absorption and excretion - nutrition, digestive system, urinary system Support and Movement - musculoskeletal system and integumentary system Integration and control - nervous system, endocrine system Human lifecycle - reproduction, growth and development, aging Defence mechanisms and infection control Principles of pharmacology and common medicines related to practice Clinical observations
Contact Hours	A total of 72 hours in the form of seminars, lectures and online activities The module will also take advantage of virtual learning environments (VLEs) and technology enhanced learning activities, including podcasts and various on-line activities.
Teaching and Learning Methods	Students are expected to spend 72 hours on scheduled learning and 228 hours on independent learning. A variety of approaches will be used which may include: **Scheduled learning** • Lectures • Seminars • Simulation of case scenarios • Lecturer facilitation and support • Workshops • Service user and carer perspectives • Directed and independent learning • Reflective approaches to learning **Independent learning** includes hours engaged with essential reading, case example preparation, completion of guided study workbooks, and assessment preparation. Students will be guided to topic areas for specific lecture preparation, and independent study related to the module content.
Key Information Sets Information	Key Information Sets (KIS) are produced at programme level for all programmes that this module contributes to, a requirement set by HESA/HEFCE. KIS are comparable sets of standardised information about undergraduate courses allowing prospective students to compare and contrast between programmes they are interested in applying for.

Key Information Set - Module data

Number of credits for this module	30

Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours
300	72	228	0	300

The table below indicates as a percentage the total assessment of the module which constitutes a -

Written Exam: Unseen written exam,
Coursework: Written assignment or essay,

Please note that this is the total of various types of assessment and will not necessarily reflect the component and module weightings in the Assessment section of this module description:

Total assessment of the module:	
Written exam assessment percentage	50%
Coursework assessment percentage	50%
Practical exam assessment percentage	0%
	100%

Reading Strategy

Essential Reading will be clearly indicated at the point of need or with notice for preparation, with the method by which it can be accessed. Students will not be asked to purchase a set text for this module due to the wide variety of anatomy and physiology and health and disease texts available (format and style), but study guides and electronically available texts may be used, and clear guidance as to the required level of depth of detail in terms of reading will be given.

Further Reading will be encouraged and students will be advised and encouraged to access and make use of the library catalogue, a range of bibliographic and full text databases, and other internet resources. This will ensure that students become familiar with the library systems, database searching methods and a variety of relevant literature (including current research in the appropriate fields) specific to the module and their own areas of interest. Wherever possible works will be accessible remotely via the library systems.

Access and Skills
Students will have access to both UWE library and their college library facilities and on-line systems. The module handbook will include suggested key texts for the module and guidance as to how literature can be accessed. All students will be encouraged to make use of the extensive print and electronic resources available to them through membership of UWE and the associated college libraries and to which they will be introduced at the start of their course, including an introduction to the UWE library web-pages which provide access to a wide range of resources and the full library catalogue available across a number of sites. Ongoing library support will be available through the library 'my skills' study area via the Library web pages, telephone enquiries line, and through library attendance and workshops.

Indicative Reading List	The following list is offered to provide validation panels/accrediting bodies with an indication of the type and level of information students may be expected to consult. As such, its currency may wane during the life span of the module specification. However, as indicated above, CURRENT advice on readings will be available via other more frequently updated mechanisms. **Texts** Ashelford, S. Raynsford, J. and Taylor, V. (2016) *Pathophysiology and Pharmacology for Nursing Students.* London: Sage. Boore, J. Cook, N. and Shepherd, A. (2016) *Essentials of Anatomy and Physiology for Nursing Practice.* London: Sage Cohen, B. J. and Taylor, J.J (2014) *Memmler's the Human Body in Health and Disease.* 13th ed*.* London: Wolters Kluwer/Lippincott Williams Tortora, G. J. and Derrikson, B. H. (2014) *Principles of Anatomy and Physiology*. 12th ed. New York: Wiley Waugh, A. and Grant, A. (2014) *Ross and Wilson's Anatomy and Physiology in Health and Illness*. 11th ed. Edinburgh: Churchill Livingstone Elsevier Waugh, A. and Grant, A. (2014) *Ross and Wilson's Anatomy and Physiology Colouring and Workbook. 4th ed.* Edinburgh: Churchill Livingstone Elsevier **Journals** British Journal of Health Care Assistants **Online resources** There are a variety of online resources to support learning and help apply understanding to clinical practice, including: **Clinical skills** **Anatomy TV** **Anatomy and Physiology Online** These resources are available via the Health & Social Care subject area of the UWE library and can be accessed by logging onto MyUWE Library via the link http://www1.uwe.ac.uk/library/usingthelibrary/searchforthingsa-z/databases/bysubject/healthandsocialcare/onlinelearningresources.aspx

Part 3: Assessment	
Assessment Strategy	• Component A (controlled condition) will take the form of a 1.5 hour examination. This examination will enable assessment across most of the module learning outcomes to ensure students have a broad and detailed understanding of the core concepts of anatomy and physiology. • Component B will be a 2000 word written assignment. The written assignment will be designed to assess students' ability to apply their knowledge of health, physiology and pharmacology to their field of practice.

	• Opportunities for formative assessment will exist for the assessment strategy used. Formative feedback will be available from peers and/or tutors in verbal and/or written form depending on the formative methods used.

Identify final assessment component and element	**Component A**	
% weighting between components A and B (Standard modules only)	**A: 50%**	**B: 50%**

First Sit	
Component A (controlled conditions) **Description of each element**	**Element weighting** **(as % of component)**
1. Exam (1.5hr)	100%
Component B **Description of each element**	**Element weighting** **(as % of component)**
1. Written assignment (2000 words)	100%

Resit (further attendance at taught classes is not required)	
Component A (controlled conditions) **Description of each element**	**Element weighting** **(as % of component)**
1. Exam (1.5hr)	100%
Component B **Description of each element**	**Element weighting** **(as % of component)**
1. Written assignment (2000 words)	100%
If a student is permitted an **EXCEPTIONAL RETAKE** of the module the assessment will be that indicated by the Module Description at the time that retake commences.	

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First CAP Approval Date	29 November 2016			
Revision CAP Approval Date *Update this row each time a change goes to CAP*		Version	1	Link to MIA 10573