



MODULE SPECIFICATION

Part 1: Information			
Module Title	Anatomy and Physiology		
Module Code	USSKNC-15-1	Level	Level 4
For implementation from	2020-21		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Health & Applied Sciences	Field	Applied Sciences
Department	HAS Dept of Applied Sciences		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Educational Aims: See Learning Outcomes</p> <p>Outline Syllabus: This module will cover the following topics within the anatomy and physiology area:</p> <p>Anatomical terminology as it relates to the following body systems: musculoskeletal, digestive, circulatory, respiratory, endocrine and nervous systems.</p> <p>Structure of the heart and major blood vessels, and its relationship with the ventilation system.</p> <p>The structure of the organs that make up the digestive system, and how their structures enable the specific functions.</p> <p>Structure and function of the key endocrine organs and their relationship to homeostasis.</p> <p>Introduction to the nervous system, including the electrochemical nature of nervous signals, membrane and action potentials, nerve conduction, synaptic transmission.</p> <p>Introduction to the musculoskeletal system and its function.</p>

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Introduction to the urinary system and its function in maintaining water balance.

Teaching and Learning Methods: This module aims to deliver specialist knowledge through taught lectures, inductive tutorials, seminars and practical sessions to promote application of knowledge acquired, analytical and problem-solving skills.

Part 3: Assessment

The assessment strategy has been designed to support and enhance the development of subject-based knowledge and practical skills, whilst ensuring that the learning outcomes are achieved.

Component A is an online exam over a 24 hour period, expected to take 2 hours to complete. This will provide students with an opportunity to demonstrate their knowledge on a broad range of topics and will provide a valuable learning experience through demonstrating and applying knowledge which will be of benefit when progressing to years 2.

The coursework is comprised of a 2000 word essay which will require students to investigate the relationship between different body systems. This assessment will provide a valuable learning experience through independent research of published literature and development of academic writing style.

Opportunities for formative assessment support and feedback are built into teaching and practical sessions, through discussion and evaluation of current research and review of past exam papers. Students are provided with formative feed-forward for their online exam through a revision and exam preparation session prior to the exam.

First Sit Components	Final Assessment	Element weighting	Description
Written Assignment - Component B		50 %	Essay (2000 words)
Examination (Online) - Component A	✓	50 %	Online examination (24 hours)
Resit Components	Final Assessment	Element weighting	Description
Written Assignment - Component B		50 %	Essay (2000 words)
Examination (Online) - Component A	✓	50 %	Online examination (24 hours)

Part 4: Teaching and Learning Methods

Learning Outcomes On successful completion of this module students will achieve the following learning outcomes:

Module Learning Outcomes	Reference
Use and understand basic anatomical terminology	MO1
Explain the physiological principles of key body systems	MO2
Undertake independent literature research on key physiological systems	MO3
Explain relationships between the structure and function of key systems and their organs	MO4
Analyse data relating to key body systems and relate outcomes to the relevant physiology	MO5

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Contact Hours	Independent Study Hours:	
	Independent study/self-guided study	105
	Total Independent Study Hours:	105
	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	45
	Total Scheduled Learning and Teaching Hours:	45
	Hours to be allocated	150
	Allocated Hours	150
Reading List	<p>The reading list for this module can be accessed via the following link:</p> <p>https://uwe.rl.talis.com/modules/ussknc-15-1.html</p>	

Part 5: Contributes Towards

This module contributes towards the following programmes of study: