

CORPORATE AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data					
Module Title	Human Physiology for Sport Rehabilitation				
Module Code	UZYS1C-15-1	Level	1	Version	1
Owning Faculty	Health and Applied Science	Field	Allied Health Professions		
Contributes towards	BSc (Hons) Sport Rehabilitation				
UWE Credit Rating	15	ECTS Credit Rating	7.5	Module Type	Standard
Pre-requisites	None		Co- requisites	None	
Excluded Combinations	None		Module Entry requirements	N/A	
Valid From	September 2015		Valid to	2021	

CAP Approval Date	30 April 2015
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Part 2: Learning and Teaching	
Learning Outcomes	On successful completion of the module students will be able to: • Explain the physiology of the nervous, musculo-skeletal, cardiovascular and respiratory systems. (Component A) • Explain the physiological response to injury or infection, including the physiology of pain. (Component A) • Explain the physiological responses that occur during exercise, and recovery from exercise. (Component A) • Reflect on the impact of physiology on sport, exercise, therapy and health. (Component A) • Consider how the physiological knowledge of the sports rehabilitator can transfer to other areas, such as fitness and health. (Component A)
Syllabus Outline	Section A Histology and Pathophysiology • Structure and Function of Tissues: Epithelium, Generalised Connective tissue, • Pathophysiology of Inflammatory process, response to tissue damage, healing process, repair and regeneration, oedema and tissue fluid formation Section B Nervous system and pain pathways • Neuromuscular anatomy and physiology to include the physiological basis of human movement. Overview of gross structure of brain and spinal cord, gross structure of peripheral nerves, minute structure of nerve tissue, nerve

	The table below indicates as a percentage the total assessment of the module which constitutes a - Written Exam: Unseen written exam Practical Exam: Oral Assessment and/or presentation, practical skills assessment, practical exam 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: <table><tr><td colspan="2">Total assessment of the module:</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td colspan="2">Written exam assessment percentage</td><td>100%</td><td></td></tr><tr><td colspan="2">Coursework assessment percentage</td><td>0%</td><td></td></tr><tr><td colspan="2">Practical exam assessment percentage</td><td>0%</td><td></td></tr><tr><td colspan="2"></td><td>100%</td><td></td></tr></table>	Total assessment of the module:								Written exam assessment percentage		100%		Coursework assessment percentage		0%		Practical exam assessment percentage		0%				100%	
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Reading Strategy	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. Current advice on additional reading will be available via the module guide or Blackboard pages. Core reading Any core reading will be indicated clearly, along with the method for accessing it, eg students may be expected to purchase a set text, be given a study pack or be referred to texts that are available electronically, or in the Library. Module guides will also reflect the range of reading to be carried out. Further reading Further reading is advisable for this module, and students will be encouraged to explore at least one of the titles held in the library on this topic. A current list of such titles will be given in the module guide and revised annually. Access and skills Formal opportunities for students to develop their library and information skills are provided within the induction period. Additional support is available through the Library Services web pages, including interactive tutorials on finding books and journals, evaluating information and referencing. Sign-up workshops are also offered by the Library.																								
Indicative Reading List	Katch, V.L., McArdle, W.D. and Katch. F.. (2011) <i>Essentials of Exercise Physiology</i>. 4th ed.. London: Lippincott, Williams & Wilkins. Stanfield, C.L. (2012) <i>Principles of Human Physiology</i>. 5th ed.. Harlow: Benjamin Cummings. Silverthorn, D.U. (2013) <i>Human Physiology - an Integrated Approach</i>. 6th ed. London: Pearson.																								

	Pack, P. and Basset, S. (2011) <i>Cliff Notes Anatomy and Physiology Quick Review</i> Ed 2. Cliff Notes Pocock, G., Richards, C.D. and Richards, D.A. (2013) <i>Human Physiology</i>. 4th ed. Oxford: Oxford University Press Tortora, G. and Grabowski, S. (2011) <i>Principles of Anatomy and Physiology</i>. 13th Ed. New York: Wiley VanPutte, C., Regan, J. and Russo, A. (2010) <i>Seeley's Essentials of Anatomy and Physiology</i>. 7th ed. London: McGraw-Hill International. Saladin, K.S. (2010) <i>Anatomy & Physiology: The Unity of Form and Function</i>. 5th ed. London: McGraw-Hill International.
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Part 3: Assessment	
Assessment Strategy	A written examination will enable comprehensive testing of knowledge and understanding. Sample questions and associated marking guidelines will facilitate student learning and students will be offered the opportunity of a formative assessment in the form of a mock written examination.

Identify final assessment component and element	Component A	
% weighting between components A and B (Standard modules only)	A:	B:
	100%	
First Sit		
Component A (controlled conditions) Description of each element	Element weighting	
1. 2 hour written unseen exam	100%	

Resit (further attendance at taught classes is not required)	
Component A (controlled conditions) Description of each element	Element weighting
1. 2 hour written unseen exam	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.	