

# University of the West of England

## Module Specification

Revised December 2009

<b>Title</b>	Human Physiology
<b>New Code</b>	UZYS85-20-1
<b>Version</b>	2
<b>Versions</b>	<a href="#">  1</a>   <a href="#">2</a>
<b>Last Updated</b>	
<b>Level</b>	1
<b>UWE Credit Rating</b>	20
<b>ECTS Credit Rating</b>	10
<b>Module Type</b>	Standard
<b>Module Leader</b>	THOMAS, S
<b>Module Leaders - Additional</b>	There are no additional module leaders
<b>Owning Faculty</b>	Health and Applied Sciences
<b>Faculty Committee approval</b>	HSC Quality and Standards Committee
<b>Faculty Committee approval Date</b>	
<b>Approved for Delivery by</b>	
<b>Field</b>	Allied Health Professions
<b>Field Leader</b>	Dianne Rees
<b>Valid From</b>	01/01/2007 00:00:00
<b>Discontinued From</b>	
<b>Pre-requisites</b>	None
<b>Co-requisites</b>	None
<b>Entry requirements:</b>	
<b>Excluded combinations</b>	None
<b>Module Handbooks</b>	<a href="#">Module Handbook 2010-11</a>
<b>Learning Outcomes</b>	

### *Knowledge and Understanding*

- 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)

### *Intellectual Skills*

- Explain and justify the relevance of physiology to the sports therapist (Component A)

### *Subject/Professional and Practical Skills*

- Reflect on the impact of physiology on sport, exercise, therapy and health (Component A)

### *Transferable Skills and other attributes*

- Consider how the physiological knowledge of the sports therapist can transfer to other areas, such as fitness and health.

## **Syllabus Outline**

### **Structure and function of tissues**

Neuromuscular anatomy and physiology to include the physiological basis for human movement

Cardiovascular anatomy and physiology

Respiratory anatomy and physiology

### **Inflammation**

The inflammatory process

Healing

Repair

### **Pain**

Pain physiology

Exercise physiology

Physiological responses to exercise and recovery

Reflective practice

The impact of physiology on sport, exercise, therapy and health and relevance to the sports therapist

### **Teaching and Learning Methods**

A variety of approaches will be used, which may include:

Lead lectures, seminars, workbooks, practical sessions, problem solving and e-learning

### **Reading Strategy**

### **Access and skills**

All students are encouraged to make use of the extensive resources provided by the Library and to which they are introduced at the start of their course. Further formal opportunities for students to start to develop their library and information skills may be provided within

the level 1 curriculum. Additional support is available through the iSkillZone via the Library web pages

### **Essential Reading**

There may be a set text which students are expected to buy. Other essential reading will be provided electronically or as printed study packs

### **Further Reading**

Further reading is not essential for this module, but 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 handbook and revised annually.

### **Blackboard**

This module is supported by Blackboard where students will be able to find all necessary module information. Direct links to information sources will also be provided from within Blackboard.

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### **Assessment**

Where necessary, and appropriate, an alternative medium of assessment may be negotiated.

### **Weighting between components A and B (standard modules only) A: % B:%**

Final Assessment: Component A Element 1 Component A Element 1

### **Attempt 1**

#### **First Assessment Opportunity (Sit)**

Component A

<b>Element</b>	<b>Description</b>	<b>Element Weighting</b>
1	2 x 1.5 hour written examinations	100%

#### **Second Assessment Opportunity (ReSit)**

Attendance is not required

Component A

<b>Element</b>	<b>Description</b>	<b>Element Weighting</b>
1	2 x 1.5 hour written examinations	100%

#### Exceptional Second Attempt (Retake)

Attendance is not required