

# Prifysgol Wreccsam Wrexham University

## Module specification

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Module Code	SIR608
Module Title	Clinical reasoning and complex patient management
Level	6
Credit value	40
Faculty	SLS
HECoS Code	100475
Cost Code	GACM

## Programmes in which module to be offered

BSc (Hons) Sports Injury Rehabilitation	Core
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## Pre-requisites

N/A

## Breakdown of module hours

Learning and teaching hours	24 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops	24 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
<b>Total active learning and teaching hours</b>	<b>48 hrs</b>
Placement / work based learning	0 hrs
Guided independent study	352 hrs
<b>Module duration (total hours)</b>	<b>400 hrs</b>

<b>For office use only</b>	
Initial approval date	25/6/24
With effect from date	01/09/24
Date and details of revision	

<b>For office use only</b>	
Version number	1

## Module aims

1. Develop assessment and treatment modalities/rehabilitation exercises for patients with complex presentations.
2. Understand the importance of data driven injury reduction, return to play and sports performance decision making.
3. To foster collaborative working between students to consolidate the competencies of a Graduate Sports Rehabilitator.
4. Demonstrate clinical reasoning in relation to complex patient presentation.

## Module Learning Outcomes - at the end of this module, students will be able to:

1	Evaluate screening for risk of injury and return to play according to the evidence-base.
2	Analyse injury reduction and physical health strategies.
3	Demonstrate safe and effective assessment for a variety of complex neuromusculoskeletal pathologies/injuries.
4	Demonstrate safe and effective management for a variety of complex neuromusculoskeletal pathologies/injuries.

## Assessment

Indicative Assessment Tasks:

Assessment 1: Written assignment – 3000 words – Evaluation of the biomechanical tests that could be performed for screening, injury prevention and return to play for a specified scenario.

Assessment 2: Practical – 45 minutes – Students will be required to demonstrate assessment, treatment and management for a given complex scenario including appropriate exercise rehabilitation.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1, 2	Written Assignment	50
2	3, 4	Practical	50



## **Derogations**

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Students must pass all elements at 40% or above. Practical examinations are set to establish student safety in their clinical skills and safeguard the public. Therefore, all practical examinations will be conducted with 'public safety' as the priority; students demonstrating unsafe practice or breaching confidentiality will be stopped immediately. The examiner will stop the student and inform them the clinical examination will not continue and the student will be marked as 'not pass' or referral, following the University Academic Regulations.

## **Learning and Teaching Strategies**

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The module will be delivered using blended learning techniques and the universities Active Learning Framework (ALF). This will include lectures, seminars, peer-led discussions, tutorials, asynchronous tasks and online based quizzes/tasks. Regular feedback will be provided to support the student journey.

Students will be engaged in practical activities on a regular basis, where they will have the opportunity to work with their peers to establish safe and effective assessment and treatment techniques. Students will be expected to act within professional boundaries. Formative feedback will be provided throughout the module to support students development.

Student will be provided with the opportunity to complete a sports trauma qualification as guided by BASRaT. Students must successfully complete the course to be eligible to sit the BASRaT registration examination.

## **Indicative Syllabus Outline**

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Return to Play Protocols

Post-Operative Protocols

Screening

Pre-rehabilitation

Injury Prevention

Cardiac Rehabilitation

Pulmonary Rehabilitation

Neurological Rehabilitation

Athlete Monitoring

Biomechanics

Pharmacology/medications

Anti-doping

Environmental considerations

Risk assessment

Professional behaviours, ethics and codes of practice

Pre-hospital care for injury/illness



Sports trauma qualification

Complex conditions and co-morbidities (e.g. cardiovascular, rheumatology, diabetes, post-natal)

## **Indicative Bibliography:**

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### **Essential Reads**

Jones, M.A. and Rivett, D.A. (2019), *Clinical Reasoning in Musculoskeletal Practice*. 2<sup>nd</sup> ed. London: Elsevier.

### **Other indicative reading**

Porter, S. and Wilson, J. (2020), *A comprehensive guide to sports physiology and injury management: an interdisciplinary approach*. London: Elsevier Health Sciences.

Main, E. and Denehy, L. (2016), *Cardiorespiratory Physiotherapy: Adults and Paediatrics*, 5th ed. London: Elsevier.

## **Employability – The University Skills Framework**

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Each module and degree programme are designed to support learners as they develop their graduate skills aligned to the University Skills Framework.

Using the philosophies of the Active Learning Framework (ALF) our 10 skills are embedded within programmes complementing core academic subject knowledge and understanding. Through continuous self-assessment students own their individual skills journey and enhance their employability and career prospects.

This Module forms part of a degree programme that has been mapped against the University Skills Framework

Learners can use this document to identify where and how they are building skills and how they can develop examples of their success.

