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Wrexham University

Module specification

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Module Code	SIR411
Module Title	Introduction to Anatomy
Level	4
Credit value	20
Faculty	FSLS
HECoS Code	100475
Cost Code	GACM

Programmes in which module to be offered

Programme title	Is the module core or option for this programme
Standalone module aligned to BSc (Hons) Sports Injury Rehabilitation for QA and assessment purposes.	Option

Pre-requisites

None

Breakdown of module hours

Learning and teaching hours	36 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops	0 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total active learning and teaching hours	**36** hrs
Placement / work based learning	0 hrs
Guided independent study	164 hrs
Module duration (total hours)	200 hrs

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Initial approval date	17/11/2023
With effect from date	01/06/2024

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Date and details of revision	
Version number	1

Module aims

- To introduce the students to the anatomy of the musculoskeletal system.
- To develop comprehensive understanding of the major muscle origins, insertions and actions.
- To develop proficiency in navigating the human body using key bony landmarks.
- Interaction and communication with peers to problem-solve and acknowledge the implications for employability.

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

1	Outline the musculoskeletal system including muscle origins, insertions and actions.
2	Outline the joint classifications and structures including bones, ligaments, cartilage and capsules.
3	Reflect upon individual practice including knowledge joint movements and muscle actions available at each joint.
4	Correctly identify the human anatomy of the neuromusculoskeletal system.

Assessment

Indicative Assessment Tasks:

This section outlines the type of assessment task the student will be expected to complete as part of the module. More details will be made available in the relevant academic year module handbook.

Assessment 1: Presentation – Students will be required to undertake a 15-minute presentation using an anatomical model to demonstrate their knowledge of a specific joint (LO1-2)

Assessment 2: Portfolio – Students will be required to analyse their performance on the module as well as evidence of engagement in module materials and completion of formative assessments (LO3-4)

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1-2	Presentation	100
2	3-4	Portfolio	Pass/fail

Derogations

None

Learning and Teaching Strategies

The learning and teaching strategies will include lectures, seminars, practical's, peer-led discussions, tutorials, online based quizzes/tasks. An active and inclusive approach is used to engage learners in the topics and is aligned to the university's Active Learning Framework (ALF), The approach offers students a flexible and adaptive learning experience that can accommodate a range of options that includes both synchronous and asynchronous where students can access their learning at a time and place to suit themselves. The Moodle VLE and other on-line materials and resources will be available to support learning. ALF offers a balance between the online classroom elements and digitally enabled activity incorporating flexible and accessible resources and flexible and accessible feedback to support learning.

Indicative Syllabus Outline

- Dynamic and stabilising structures at peripheral joints
- Spinal anatomy
- Peripheral joint anatomy
- Muscle origins, insertions and actions
- Bony landmarks
- Communication with peers
- Presentation skills

Indicative Bibliography:

Please note the essential reads and other indicative reading are subject to annual review and update.

Essential Reads

Biel, A. (2019), *Trail Guide to the Body: A hands-on guide to locating muscles, bones and more*. 6th Edition. USA: Handspring publishing.

Other indicative reading

Tortora, G.J. and Derrickson, B. (2017), *Principles of Anatomy and Physiology*. 15th Edition. Singapore: Wiley

Employability – the University Skills Framework

Each module and programme is designed to cover core Graduate attributes with the aim that each Graduate will leave the University having achieved key employability skills as part of their study. The following attributes will be covered within this module either through the content or as part of the assessment. The programme is designed to cover all attributes and each module may cover different areas.

Core Attributes
Engaged
Creative

Key Attitudes
Commitment
Curiosity
Resilience
Confidence

Practical Skillsets
Digital Fluency
Organisation
Leadership and Team working
Critical Thinking
Communication