



Module Specification

Clinical Anatomy and Kinesiology for Physiotherapy and Sport Rehabilitation

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Contents

Module Specification	1
Part 1: Information	2
Part 2: Description	2
Part 3: Teaching and learning methods	3
Part 4: Assessment.....	4
Part 5: Contributes towards	6

Part 1: Information

Module title: Clinical Anatomy and Kinesiology for Physiotherapy and Sport Rehabilitation

Module code: UZYKG4-30-1

Level: Level 4

For implementation from: 2023-24

UWE credit rating: 30

ECTS credit rating: 15

Faculty: Faculty of Health & Applied Sciences

Department: HAS School of Health and Social Wellbeing

Partner institutions: None

Field: Allied Health Professions

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: This module aims to explore aspects of anatomy that are particularly relevant to the understanding of therapeutic assessment and treatment skills. Kinesiology is the study of the principles of mechanics and anatomy in relation to human movement.

Features: Not applicable

Educational aims: This module aims to develop knowledge and understanding of structure and function of the human body and concepts of kinesiology as a basis for therapeutic practice.

Outline syllabus: The syllabus will typically cover:

Osteology and arthrology—e.g. joint structure and classification, mobility and stability factors, surface marking of anatomical landmarks, demonstration of full range of joint movement, Passive Accessory Movements (PAMs) and selected special tests

Myology e.g. muscle tendon unit – attachments, tendons, morphology, muscle range, actions and functions of muscles, relationship between muscles, joints and movement, palpation and identification of active muscles.

Ligament and fascia e.g. palpation, testing, relationship form and function.

Neurology - formation, course (brief) and supply of peripheral nerves

Surface marking-dermatomes, peripheral nerves (brief)

Application of practical skills in musculoskeletal assessment i.e. observation, palpation, movement testing, special tests for normal structures, handling, communication, awareness of safety considerations.

Part 3: Teaching and learning methods

Teaching and learning methods: A variety of approaches will be used to deliver content which will include lectures/ seminars sessions and practical sessions which may include elements of peer learning and feedback. Sessions other than lectures are designated as practical sessions and are therefore compulsory and you are expected to come to the sessions appropriately dressed.

Independent learning includes essential reading, case study preparation, assignment preparation and completion. Students will be provided with workbooks to aid their

learning and will be given support and direction for self-directed learning throughout the module.

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

MO1 Demonstrate knowledge of human anatomy and an understanding of its relevance to normal movement and function

MO2 Analyse and discuss basic functional human movement using biomechanical principles

MO3 Demonstrate an understanding of the relevance of human anatomy and biomechanics to the process of musculoskeletal examination procedures, clinical reasoning and practice

MO4 Perform a structured clinical assessment on normal joint and soft tissue

MO5 Communicate appropriately relevant to the academic and practice setting

MO6 Undertake practical activities safely with reference to self and peers

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 204 hours

Face-to-face learning = 96 hours

Total = 300

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link

<https://uwe.rl.talis.com/search.html?q=UZYKG4-30-1>

Part 4: Assessment

Assessment strategy: This module will be assessed via two Structured Oral Practical Examinations (SOPE) of up to 20 minutes duration. This approach will allow students to demonstrate their theoretical knowledge and competent clinically related skills such handling, palpation, joint movement, and muscle testing. Aspects

of safety, patient care, communication and professionalism will also be assessed.

One SOPE is scheduled at the end of teaching block 1 and will cover the lower quadrant with the second scheduled at the end of teaching block 2 and will cover the upper quadrant.

Each SOPE will be allocated a mark out of 100%, and students will receive individual verbal and written feedback on their performance which will enable them to reflect and identify their strengths and areas for further work. The module is designed to prepare them for practice and a mark of no less than 40% must be achieved in each SOPE, in order to pass the module. This is to ensure that the learning outcomes are met for both the lower and upper quadrant.

Formative assessment will occur as a continual process enabling the students to experience the exam style and to gauge their personal learning while they work through the module;

The availability of online quizzes to allow students to self-test

The opportunity to peer assess through a mock practical examination.

Assessment tasks:

Practical Skills Assessment (First Sit)

Description: Structured Oral Practical Examination (20 minutes)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Practical Skills Assessment (First Sit)

Description: Structured Oral Practical Examination (20 minutes)

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Practical Skills Assessment (Resit)

Description: Structured Oral Practical Examination (20 minutes)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Practical Skills Assessment (Resit)

Description: Structured Oral Practical Examination (20 minutes)

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Sport Rehabilitation [Glenside] BSc (Hons) 2023-24

Physiotherapy [Glenside] BSc (Hons) 2023-24