Module Specification

Fundamentals of Human Anatomy and Physiology (Radiotherapy and Oncology)

Version: 2023-24, v3.0, 23 Aug 2023

Contents

Part 1: Information

Module title: Fundamentals of Human Anatomy and Physiology (Radiotherapy and Oncology)

Module code: UZYYAH-15-1

Level: Level 4

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

College: College of Health, Science & Society

School: CHSS 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 will introduce you to the fundamentals of anatomy and physiology that underpin your professional practice.

Features: Not applicable

Educational aims: It will cover the basic structure and function of major bodily systems. Students will learn essential principles of anatomical terminology, surface anatomy and planes.

Outline syllabus: The syllabus will typically cover:

Cells and tissues

Regional and planar anatomy

Locomotor system – Bones, muscles and joints

Cardiovascular system – Heart, blood vessels and circulation

Respiratory system – Chest cavity, airways and lungs

Immune defence – Blood and lymphatic system

Nervous system – Central and peripheral nervous systems

Control systems – Endocrine system, autonomic nervous system and homeostasis

Digestive system – Alimentary tract and accessory digestive organs

Urinary system

Reproductive systems – Male and female

Integumentary system

Sensory organs – Eye, ear, nose and mouth

Part 3: Teaching and learning methods

Teaching and learning methods: This module will use a blended learning approach including: demonstrations, interactive online learning, practical sessions and independent study.

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

MO1 Describe the structure, function and positional relationships of the organs and tissues that make up the human body

MO2 Recognise the relationships between anatomical structure and physiological function of the different systems.

MO3 Demonstrate knowledge of surface anatomy, axes and planes

MO4 Identify and use appropriate anatomical terminology

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Total = 150

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link https://rl.talis.com/3/uwe/lists/417819F4-2A72-4808-8077-A8CB25D89E39.html?lang=en-GB&login=1

Part 4: Assessment

Assessment strategy: Summative Assessment: 2 hour exam

There will be one assessment for this module which will be a 2 hour exam.

The exam will utilise a range of question styles including but not limited to: multiple choice questions, labelling diagrams, and true/ false.

Rationale

This will assess the underpinning theoretical aspects of the module as per the learning outcomes. This will allow students to be assessed efficiently on fundamental knowledge required for practice.

Formative Assessment

Formative activities will be embedded within the online platform enabling the students to experience the exam style and also to gauge their personal learning while they work through the module.

Assessment tasks:

Examination (First Sit)
Description: 2 hour exam
Weighting: 100 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4

Examination (Resit)
Description: 2 hour exam
Weighting: 100 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4

Part 5: Contributes towards

This module contributes towards the following programmes of study: