



Module Specification

Advanced Imaging Studies

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Part 1: Information

Module title: Advanced Imaging Studies

Module code: UZYSXG-15-3

Level: Level 6

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

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: Not applicable

Features: Not applicable

Educational aims: See Learning Outcomes.

Outline syllabus: Imaging equipment and practice:

Design and function of diagnostic imaging equipment and accessories and their application to practice.

The design specifications, function and fitness for role of the modern imaging modalities and their application in practice.

Anatomy, disease and clinical applications in radiography:

Promote a broad understanding of cranial and body cross-sectional anatomy

Common clinical applications/pathologies

Patient care and radiographic procedures that involve the use of contrast media and pharmacological agents

Evaluate the efficacy of these procedures alongside alternative examinations utilising other imaging modalities

Part 3: Teaching and learning methods

Teaching and learning methods: Scheduled learning includes lectures, practical sessions with x-ray equipment vodcasts, seminars and tutorial.

Independent learning includes hours engaged with essential reading, poster preparation and completion etc.

36 hours scheduled contact time. There will be a series of study days including lectures, and seminars related to each specialist activity e.g. MRI, NM, US, CT and IV plus tutorials on the production of a poster.

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

MO1 Critically appraise the role of modern imaging modalities and their application in clinical practice

MO2 Critically evaluate the efficacy of imaging procedures alongside alternative examinations utilising imaging modalities

MO3 Demonstrate a critical knowledge and understanding of the technological aspects of imaging modalities, including the use of pharmacological agents, to assist with the procedures

MO4 Explore alternative communication strategies through the creation of a scientific poster

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](https://uwe.rl.talis.com/modules/uzysxg-15-3.html) via the following link <https://uwe.rl.talis.com/modules/uzysxg-15-3.html>

Part 4: Assessment

Assessment strategy: The production of a poster prepares for submissions to conference for Continuing Professional Development post-registration.

It lends itself to the need for concise critical evaluation, analysis and synthesis of information gained in clinical placement linking practice to theory.

The production of a poster suitable for conference presentation also enhances the research activity. The supporting paper will enable further critical evaluation of one aspect of the poster topic.

Assessment tasks:

Poster (First Sit)

Description: Poster

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Written Assignment (First Sit)

Description: 1500 word supporting paper

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Poster (Resit)

Description: Poster

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Written Assignment (Resit)

Description: 1500 word supporting paper

Weighting: 50 %

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: