

## MODULE DESCRIPTOR

### Module Title

Applied Radiographic Anatomy			
Reference	HS1058	Version	8
Created	June 2021	SCQF Level	SCQF 7
Approved	November 2007	SCQF Points	30
Amended	September 2021	ECTS Points	15

### Aims of Module

To enable the student to gain a comprehensive knowledge of normal radiographic anatomy.

### Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Identify gross anatomy of the skeleton and body systems.
- 2 Describe the physiology related to the skeleton and body systems.
- 3 Identify the anatomy of the skeleton and body systems from planar and cross-sectional radiographic images.
- 4 Describe the radiographic appearance, location, vertebral levels and anatomical relationships of major organs, vessels and structures.

### Indicative Module Content

Skeletal anatomy and associated radiographic appearances  
 Gross anatomy of the body systems and associated radiographic appearances  
 Normal function of the skeleton and body systems  
 Anatomical locations and relationships of major organs and structures  
 Cross sectional anatomy  
 Vertebral levels  
 Surface anatomy  
 Vessels and pathways  
 Plain radiographic images  
 CT images  
 MRI images  
 Ultrasound images

### Module Delivery

Blended delivery comprising on campus and online learning and engagement. This will include Workshops, Tutorials, Keynote Lectures, Digital Learning Resources.

### Indicative Student Workload

	Full Time	Part Time
Contact Hours	70	N/A
Non-Contact Hours	230	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

**ASSESSMENT PLAN**

If a major/minor model is used and box is ticked, % weightings below are indicative only.

**Component 1**

Type: Practical Exam Weighting: 100% Outcomes Assessed: 1, 2, 3, 4  
 Description: Computer based objective structured clinical examination (OSCE)

**Component 2**

Type: Coursework Weighting: 0% Outcomes Assessed: 1, 2  
 Description: This relates to a minimum of 80% mandatory attendance of all scheduled module delivery.

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

C1- Major component (graded) C2 - Minor component (pass/fail) To achieve a pass, a grade D or above is required in C1 + a pass in C2.

Module Grade Minimum Requirements to achieve Module Grade:

<b>A</b>	A and pass
<b>B</b>	B and pass
<b>C</b>	C and pass
<b>D</b>	D and pass
<b>E</b>	E and pass, A and fail, B and fail, C and fail, D and fail.
<b>F</b>	Fails to achieve the minimum requirements for an E, and/or fails to meet the module attendance requirements.
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

Prerequisites for Module	None, in addition to course entry requirements or equivalent.
Corequisites for module	None.
Precluded Modules	None.

**INDICATIVE BIBLIOGRAPHY**

- CARVER, E. & CARVER, B., 2021. *Medical imaging*. 3rd ed. London: Churchill Livingstone Elsevier.
- ELLIS, H. et al., 2016. *Human sectional anatomy, pocket atlas of body sections, CT and MRI images*. 4th ed. London: CRC Press.
- GUNN, C., 2022. *Bones and joints: a guide for students*. 8th ed. Edinburgh: Churchill Livingstone Elsevier.
- SHIER, D.N., BUTLER, J.L. et al., 2022. *Hole's essentials of human anatomy and physiology*. 16th ed. Maidenhead: McGraw-Hill.
- WAUGH, A. & GRANT, A., 2022. *Ross and Wilson: anatomy and physiology in health and illness*. 14th ed. Edinburgh: Churchill Livingstone Elsevier.
- WEIR, J. et al., 2010. *Imaging atlas of human anatomy*. 4th ed. London: Mosby.