

This Version is No Longer Current
 The latest version of this module is available [here](#)

MODULE DESCRIPTOR

Module Title

Applied Radiographic Anatomy

Reference	HS1058	Version	7
Created	March 2018	SCQF Level	SCQF 7
Approved	November 2007	SCQF Points	30
Amended	August 2018	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

Lectures, image workshops, tutorials, directed study.

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)

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

C1

Module Grade	Minimum Requirements to achieve Module Grade:
A	A
B	B
C	C
D	D
E	E
F	Fails to achieve the minimum requirements for an E, and/or fails to meet the module attendance requirements.
NS	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

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