

This Module Version is not active until 01/Sep/2020

## MODULE DESCRIPTOR

### Module Title

|                                  |               |             |        |
|----------------------------------|---------------|-------------|--------|
| Applied Radiographic Pathology 2 |               |             |        |
| Reference                        | HS2116        | Version     | 5      |
| Created                          | February 2019 | SCQF Level  | SCQF 8 |
| Approved                         | July 2018     | SCQF Points | 15     |
| Amended                          | June 2020     | ECTS Points | 7.5    |

### Aims of Module

To enable the student to develop wider knowledge and understanding of a range of radiographic pathologies.

### Learning Outcomes for Module

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

- 1 Explain pathologies of the respiratory, neurological, urinary, gastro-intestinal and cardiovascular systems.
- 2 Explain variant radiographic appearance of pathologies of the respiratory, neurological, urinary, gastro-intestinal and cardiovascular systems.
- 3 Assess the radiographic presentations of relevant pathological processes.

### Indicative Module Content

Normal function of the major body systems. Principles of epidemiology and aetiology of major body systems. Pathological processes and mechanisms of disease in systemic systems. Clinical examinations and investigations. Relevant pathologies of the respiratory system. Relevant pathologies of the neurological system. Relevant pathologies of the urinary system. Relevant pathologies of the reproductive systems. Relevant pathologies of the gastro-intestinal system. Relevant pathologies of the cardiovascular system.

### Module Delivery

Lectures, tutorials, online tutorials and directed study.

### Indicative Student Workload

|  | Full Time | Part Time |
|--|-----------|-----------|
| Contact Hours  | 40        | 20        |
| Non-Contact Hours  | 110       | 130       |
| Placement/Work-Based Learning Experience [Notional] Hours                    | N/A       | N/A       |
| TOTAL  | 150       | 150       |
| <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  
 Description: Computer based objective structured clinical examination (OSCE)

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

C1

| Module Grade | Minimum Requirements to achieve Module Grade:   |
|--------------|---|
| <b>A</b>     | A   |
| <b>B</b>     | B   |
| <b>C</b>     | C   |
| <b>D</b>     | D   |
| <b>E</b>     | E   |
| <b>F</b>     | Fails to achieve the minimum requirements for an E and/or Master of Diagnostic Radiography students, 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 | Successful completion of all Stage One modules of Master of Diagnostic Radiography or Stage One modules of DipHE Radiographic Studies or equivalent will normally be required. |
| Corequisites for module  | None.  |
| Precluded Modules        | None.  |

**INDICATIVE BIBLIOGRAPHY**

- 1 RALSTON, S.H. et al., 2018. *Davidson's principles and practice of medicine*. 23rd ed. London: Elsevier.
- 2 EISENBURG, R.L. & JOHNSON, N.M., 2015. *Comprehensive radiographic pathology*. 6th ed. St. Louis: Mosby.
- 3 GREY, M. & AILINANI, J.M., 2012. *CT & MRI pathology: a pocket atlas*. 2nd ed. Cambridge: McGraw-Hill Education.
- 4 MURRAY, J.R.D., HOLMES, E.J. & MISRA, R.R., 2008. *A-Z of musculoskeletal and trauma radiology*. Cambridge: Cambridge University Press.