

## MODULE DESCRIPTOR

### Module Title

Anatomy and Kinesiology

Reference	HS1112	Version	2
Created	March 2017	SCQF Level	SCQF 7
Approved	September 2015	SCQF Points	15
Amended	August 2017	ECTS Points	7.5

### Aims of Module

To provide students with the key anatomical knowledge of the musculoskeletal system necessary to conduct analysis of human movement.

### Learning Outcomes for Module

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

- 1 Identify the surface markings of the human skeleton and relate to underlying anatomy.
- 2 Describe and classify the joints of the human body and relate structure to function.
- 3 Identify the location and describe the action of the major muscles of the human body.
- 4 Analyse, at a basic level, the joint movements and muscle action of simple activities.

### Indicative Module Content

Bones of the axial and appendicular skeleton; body planes; directional terms and movements; anatomical landmarks; categories (fibrous, cartilaginous, synovial) and classifications (ball and socket, hinge, ellipsoid/condylar, saddle) of joints and the relationship between the structure and function of each; major muscles of the human body (their names, locations, orientations, origins, insertions and actions); basic movement analysis including joint movements, types of muscle contraction (concentric, eccentric and isometric) and muscles involved.

### Module Delivery

Online resources supported with face to face tutorials and practical sessions.

### Indicative Student Workload

	Full Time	Part Time
Contact Hours	36	N/A
Non-Contact Hours	114	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	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: Observed Structured Practical Exam

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

Overall grade is based on the score obtained in the practical examination. In addition students must pass all 3 sections of the examination in order to be awarded a pass overall.

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	Total Score 69 ? 87 (80-100%)
<b>B</b>	Total Score 61 ? 68 (70-79%)
<b>C</b>	Total Score 52 ? 60 (60-69%)
<b>D</b>	Total Score 43 ? 51 (50-59%)
<b>E</b>	Total Score 30 ? 42 (35-49%) or less than 40% in a section but a total score >42
<b>F</b>	Total Score 0 ? 29 (0-34%)
<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).  
 Corequisites for module None.  
 Precluded Modules None.

**ADDITIONAL NOTES**

A pass will not normally be awarded for this module unless the student has attended a minimum of 80% of all learning opportunities.

**INDICATIVE BIBLIOGRAPHY**

- MARIEB, E.N. & KELLER, S.M., 2017 Essentials of human anatomy and physiology. 12th ed. Harlow: Pearson Education.
- MARTINI, J.L., NATH, J.L. & BARTHOLOMEW, E.F., 2018. Fundamentals of Anatomy and Physiology. 11th ed. Harlow: Pearson Education.
- KAPIT, W. & ELSON, L.M. 2013. The Anatomy Colouring Book. 4th ed. London: Pearson.
- DRAKE, R., VOGL, W. & MITCHELL, A. 2019. Gray's Anatomy for Students. 4th ed. Elsevier Health Sciences.