



**CORPORATE AND ACADEMIC SERVICES**

**MODULE SPECIFICATION**

| Part 1: Basic Data    |  |                           |                           |             |    |
|-----------------------|--|---------------------------|---------------------------|-------------|----|
| Module Title          | Applied Anatomy for Physiotherapy and Sport Rehabilitation |                           |                           |             |    |
| Module Code           | UZYSXV-30-1  | Level                     | 1                         | Version     | 1  |
| UWE Credit Rating     | 30   | ECTS Credit Rating        | 15                        | WBL module? | No |
| Owning Faculty        | Health and Applied Sciences                                | Field                     | Allied Health Professions |             |    |
| Department            | AHP  | Module Type               | Standard                  |             |    |
| Contributes towards   | BSc(Hons) Physiotherapy<br>BSc(Hons) Sport Rehabilitation  |                           |                           |             |    |
| Pre-requisites        | None   | Co- requisites            | None                      |             |    |
| Excluded Combinations | None   | Module Entry requirements | None                      |             |    |
| Valid From            | Sept 2015  | Valid to                  | 2021                      |             |    |

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| <b>CAP Approval Date</b> |  |
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| Part 2: Learning and Teaching |   |
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| Learning Outcomes             | <p>On successful completion of this module students will be able to:</p> <ol style="list-style-type: none"> <li>1. Demonstrate an understanding of the structure of human anatomy (Component A and Component B)</li> <li>2. Explain the contribution of human anatomy to function (Component A and Component B)</li> <li>3. Demonstrate an understanding of the relevance of anatomy to the process of musculoskeletal examination procedures, clinical reasoning and practice (Component A and Component B)</li> <li>4. Perform a structured clinical assessment on normal joint and soft tissue (Component A and Component B)</li> <li>5. Communicate appropriately relevant to the academic and practice setting (Component A and Component B)</li> <li>6. Undertake practical activities safely with reference to self and peers (Component A and Component B)</li> </ol> |
| Syllabus Outline              | <p>Anatomy &amp; Physiology of human tissue- e.g. bone, muscle, collagenous tissues</p> <p>Osteology and arthrology—e.g. joint structure and classification, mobility and stability factors, surface marking of anatomical landmarks, demonstration of full range of joint movement, Passive Accessory Movements(PAMs) and selected special tests</p> <p>Myology e.g. muscle tendon unit – attachments, tendons, morphology, muscle range,</p>  |

|   | <p>actions and functions of muscles, relationship between muscles, joints and movement, palpation and identification of active muscles.<br/>Ligament and fascia e.g. palpation, testing, relationship form and function.</p> <p>Neurology - formation, course (brief) and supply of peripheral nerves<br/>Surface marking-dermatomes, peripheral nerve pathways (brief),</p> <p>Application of practical skills in musculoskeletal assessment i.e observation, palpation, movement testing, special tests for normal structures, handling, communication, awareness of safety considerations.</p>  |                                   |                       |                 |  |  |                                   |  |  |  |    |                       |   |                         |                       |                 |     |    |     |   |     |                                 |  |  |  |  |  |   |      |  |      |
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| Contact Hours                               | Up to 96 contact hours to include two 2 hour of lectures and seminars/practicals per week over 24 weeks.   |                                   |                       |                 |  |  |                                   |  |  |  |    |                       |   |                         |                       |                 |     |    |     |   |     |                                 |  |  |  |  |  |   |      |  |      |
| Teaching and Learning Methods               | <p>A variety of approaches will be used which will include lectures/ seminars sessions and practical sessions which may include elements of peer learning and feedback. This accounts for approximately 96 hours.</p> <p><b>Independent learning</b> includes essential reading, case study preparation, assignment preparation and completion. Students will be provided with workbooks to aid their learning and will be given support and direction for self directed learning throughout the module. This accounts for approximately 204 hours.</p>  |                                   |                       |                 |  |  |                                   |  |  |  |    |                       |   |                         |                       |                 |     |    |     |   |     |                                 |  |  |  |  |  |   |      |  |      |
| Key Information Sets Information            | <p>Key Information Sets (KIS) are produced at programme level for all programmes that this module contributes to, which is a requirement set by HESA/HEFCE. KIS are comparable sets of standardised information about undergraduate courses allowing prospective students to compare and contrast between programmes they are interested in applying for.</p> <table border="1" data-bbox="459 1048 1369 1440"> <thead> <tr> <th colspan="5">Key Information Set - Module data</th> </tr> </thead> <tbody> <tr> <td colspan="4">Number of credits for this module</td> <td>30</td> </tr> <tr> <th>Hours to be allocated</th> <th>Scheduled learning and teaching study hours</th> <th>Independent study hours</th> <th>Placement study hours</th> <th>Allocated Hours</th> </tr> <tr> <td>300</td> <td>96</td> <td>204</td> <td>0</td> <td>300</td> </tr> </tbody> </table> <p>The table below indicates as a percentage the total assessment of the module which constitutes a -</p> <p><b>Written Exam:</b> Unseen written exam, open book written exam, In-class test<br/> <b>Coursework:</b> Written assignment or essay, report, dissertation, portfolio, project<br/> <b>Practical Exam:</b> Oral Assessment and/or presentation, practical skills assessment, practical exam</p> <p>Please note that this is the total of various types of assessment and will not necessarily reflect the component and module weightings in the Assessment section of this module description:</p> <table border="1" data-bbox="571 1843 1262 2069"> <tbody> <tr> <td>Total assessment of the module:</td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>Verbal/Practical exam assessment percentage</td> <td>100%</td> </tr> <tr> <td></td> <td>100%</td> </tr> </tbody> </table> | Key Information Set - Module data |                       |                 |  |  | Number of credits for this module |  |  |  | 30 | Hours to be allocated | Scheduled learning and teaching study hours | Independent study hours | Placement study hours | Allocated Hours | 300 | 96 | 204 | 0 | 300 | Total assessment of the module: |  |  |  |  |  | Verbal/Practical exam assessment percentage | 100% |  | 100% |
| Key Information Set - Module data           |  |                                   |                       |                 |  |  |                                   |  |  |  |    |                       |   |                         |                       |                 |     |    |     |   |     |                                 |  |  |  |  |  |   |      |  |      |
| Number of credits for this module           |  |                                   |                       | 30              |  |  |                                   |  |  |  |    |                       |   |                         |                       |                 |     |    |     |   |     |                                 |  |  |  |  |  |   |      |  |      |
| Hours to be allocated                       | Scheduled learning and teaching study hours  | Independent study hours           | Placement study hours | Allocated Hours |  |  |                                   |  |  |  |    |                       |   |                         |                       |                 |     |    |     |   |     |                                 |  |  |  |  |  |   |      |  |      |
| 300   | 96   | 204                               | 0                     | 300             |  |  |                                   |  |  |  |    |                       |   |                         |                       |                 |     |    |     |   |     |                                 |  |  |  |  |  |   |      |  |      |
| Total assessment of the module:             |  |                                   |                       |                 |  |  |                                   |  |  |  |    |                       |   |                         |                       |                 |     |    |     |   |     |                                 |  |  |  |  |  |   |      |  |      |
|   |  |                                   |                       |                 |  |  |                                   |  |  |  |    |                       |   |                         |                       |                 |     |    |     |   |     |                                 |  |  |  |  |  |   |      |  |      |
|   |  |                                   |                       |                 |  |  |                                   |  |  |  |    |                       |   |                         |                       |                 |     |    |     |   |     |                                 |  |  |  |  |  |   |      |  |      |
| Verbal/Practical exam assessment percentage | 100%   |                                   |                       |                 |  |  |                                   |  |  |  |    |                       |   |                         |                       |                 |     |    |     |   |     |                                 |  |  |  |  |  |   |      |  |      |
|   | 100%   |                                   |                       |                 |  |  |                                   |  |  |  |    |                       |   |                         |                       |                 |     |    |     |   |     |                                 |  |  |  |  |  |   |      |  |      |

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| <p>Reading Strategy</p>        | <p><b>Core readings</b><br/>Any essential reading will be indicated clearly, along with the method for accessing it, e.g. students may be expected to purchase a set text, be given a study pack or be referred to texts that are available electronically, or in the Library. Module guides will also reflect the range of reading to be carried out.</p> <p><b>Further readings</b><br/>Further reading is advisable for this module, and students will be encouraged to explore at least one of the titles held in the library on this topic. A current list of such titles will be given in the module guide and reviewed regularly</p> <p><b>Access and skills</b><br/>Formal opportunities for students to develop their library and information skills are provided within the induction period. Additional support is available through the Library Services web pages, including interactive tutorials on finding books and journals, evaluating information and referencing. Sign-up workshops are also offered by the Library.</p> <p>There may be a set text which students are expected to buy. Other essential reading will be provided electronically or as printed study packs</p> <p>Further reading is not essential for this module, but students will be encouraged to explore other titles held in the Library on this topic. The module handbook may include some suggested titles. This will be revised annually.</p> <p>This module is supported by Blackboard where students will be able to find all necessary module information. Direct links to information sources will also be provided from within Blackboard</p> |
| <p>Indicative Reading List</p> | <p>Jenkins, D.B. (2009) <i>Hollinshead's Functional Anatomy of the Limbs and Back</i>. 89th ed. Philadelphia, USA:WB Saunders Company.</p> <p>Kendall, F.P., McCreary, E., Provance, P.G., Rodgers, M.M. and Romani, W.A. (2010) <i>Muscles: testing and function with posture and pain</i>. 5<sup>th</sup> ed. Philadelphia, USA: Lippincott Williams &amp; Wilkins.</p> <p><i>Palastanga, N., and Soames, R. (2012) Anatomy and Human Movement</i>. 6<sup>th</sup> ed. [online] London: Butterworth-Heinemann. [Accessed 14 November 2014]</p> <p>Porter, S. (2008) <i>The Anatomy Colouring and Workbook</i>. 2<sup>nd</sup> ed. London: Butterworth-Heinemann.</p> <p>Stone, R.J. and Stone, J.A. (2011) <i>Atlas of Skeletal Muscles</i>. 7<sup>th</sup> ed. London: McGraw Hill.</p> <p>Thompson, R.T. and Floyd, R.T. (2014) <i>Manual of Structural Kinesiology</i>. 19<sup>th</sup> ed. London: Mc Graw Hill Education.</p> <p>Students will also have access to <b>Anatomy.tv</b> a 3D animated anatomy resource.</p>   |

| <p><b>Part 3: Assessment</b></p> |   |
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| <p>Assessment Strategy</p>       | <p>This module will be assessed via Structured Oral Practical Examination (SOPE). This approach will allow students to demonstrate their theoretical knowledge and practical skills relating to anatomy using human subjects, which relates to the clinical environment. This mode of</p> |

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|  | <p>assessment will test the student's ability to demonstrate competent clinically related skills such handling, palpation, joint movement, muscle testing etc, Additionally their underpinning knowledge will be explored through related questions. Aspects of safety, patient care, communication and professionalism will also be assessed.</p> <p>Component A will be scheduled at the end of semester 1 and will cover topics taught in semester 1. Component B will be scheduled at the end of semester 2 and will cover topics taught in semester 2, thereby spreading the assessment loading on students.</p> <p>Both components will be marked pass/fail, however students will receive individual verbal and written feedback on their performance which will enable them to reflect and identify their strengths and areas for further work. The module is designed to prepare them for practice.</p> <p>Formative assessment will occur as a continual process through;</p> <ul style="list-style-type: none"> <li>• The availability of on line MCQs to allow students to self-test</li> <li>• The opportunity to peer assess through a mock practical examination.</li> </ul> |
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| Identify final assessment component and element                                  | <b>Component B</b>       |                        |
| % weighting between components A and B (Standard modules only)                   | <b>A:</b><br>Pass/Fail   | <b>B:</b><br>Pass/Fail |
| <b>First Sit</b>   |                          |                        |
| <b>Component A</b> (controlled conditions)<br><b>Description of each element</b> | <b>Element weighting</b> |                        |
| Structured Oral Practical Examination (30 minutes) Semester 1                    | <b>Pass/Fail</b>         |                        |
| <b>Component B</b><br><b>Description of each element</b>                         | <b>Element weighting</b> |                        |
| Structured Oral Practical Examination (30 minutes) Semester 2                    | <b>Pass/Fail</b>         |                        |

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| <b>Resit (further attendance at taught classes is not required)</b>  |                          |  |
| <b>Component A</b> (controlled conditions)<br><b>Description of each element</b>   | <b>Element weighting</b> |  |
| Structured Oral Practical Examination (30 minutes) Semester 1  | <b>Pass/Fail</b>         |  |
| <b>Component B</b><br><b>Description of each element</b>   | <b>Element weighting</b> |  |
| Structured Oral Practical Examination (30 minutes) Semester 2  | <b>Pass/Fail</b>         |  |
| If a student is permitted a retake of the module under the University Regulations and Procedures, the assessment will be that indicated by the Module Description at the time that retake commences. |                          |  |