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| **1. Programme title** | MSc Sport and Exercise ScienceMSc Sport and Exercise Science (Biomechanics)MSc Sport and Exercise Science (Physiology)MSc Sport and Exercise Science (Psychology) |
| **2. Awarding institution** | Middlesex University |
| **3. Teaching institution** | Middlesex University |
| **4. Programme accredited by** | - |
| **5. Final qualification** | (see point 1)Available Exit points : PG Certificate ; PG Diploma |
| **6. Academic year** | 2013/14 |
| **7. Language of study** | English |
| **8. Mode of study** | Full-time; Part-time; some distance learning (i.e. research methods) |

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| **9. Criteria for admission to the programme**Students will require a good undergraduate degree in a sport or health related field (2.2 or above).Students for whom English is a second language must have achieved IELTS 6.5 or TOEFL 575 (paper test) or 237 (computer test) and 4.5 in Test of Written English, or equivalent. |

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| **10. Aims of the programme** |
| The programme aims to:1. Prepare the students for the certification requirements of BASES
2. Enable students to design evidence-based training interventions based on performance analysis
3. Develop the student’s practical skills essential to communication, coaching and technique demonstration
4. Provide the students with the ability to select and administer a wide variety of performance tests and critically evaluate their validity and reliability
5. Provide students with the ability to critically appraise the current research literature in Sport & Exercise Science
6. Provide students with work experience within the major disciplines of Sport and Exercise Science
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| **11. Programme outcomes** |
| **A. Mastery of knowledge**On completion of this programme the successful student will have mastery of knowledge of:1. Analyse and respond to the functioning of the human body during exercise
2. Interpret and critically analyse the principles of training and adaptation
3. Designing and implementing evidence-based training interventions
4. Understand and interpret the validity and reliability of performance tests
5. Critically understand the interdisciplinary nature of sport and exercise science
 | **Teaching/learning methods**Students gain knowledge and understanding through attending lectures, participatory seminars, small group discussions, directed learning, laboratory and practical sessions. An understanding of the subject is both summatively and formatively assessed.**Assessment Method**Students’ knowledge and understanding is assessed by seminar presentations, written assignments, laboratory reports, unseen examinations and practical demonstrations. |
| **B. Cognitive (thinking) skills**On completion of this programme the successful student will be able to:1. Critically evaluate appropriate research and published literature, debate and articulate ideas, protocols and actions
2. Devise and evaluate a training intervention
3. Design, implement, document and evaluate a series of performance testing and monitoring procedures
 | **Teaching/learning methods**Students learn cognitive skills through lectures, discussions, formative assessment, peer-review of seminar presentations, debates and directed reading.**Assessment Method**Students’ cognitive skills are assessed by written work, peer-assessment, self-assessment, examinations and case studies. |
| **C. Practical skills**On completion of the programme the successful student will be able to:1. Demonstrate mastery of technique across the various testing modalities
2. Select and administer performance tests with a high level of accuracy
3. Communicate results of research to peers, demonstrating expertise in application of theory and advanced research skills
4. Utilise advanced sportscience techniques
 | **Teaching/learning methods**Students learn practical skills through attending laboratory classes, formative assessment, practical skills and sessions.**Assessment**Students’ practical skills are assessed by practical examinations, laboratory reports, and portfolio work; also via work experience |
| **D. Graduate Skills**On completion of this programme the successful student will be able to:1. Develop communication and presentation skills
2. Demonstrate competent use of information technology
3. Demonstrate competence in numeracy and problem solving techniques
4. Develop critical research skills
 | **Teaching/learning methods**Students acquire graduate skills through reading, group work exercises, structured and directed learning, reflection and development of portfolio material and formative assessment.**Assessment**Students’ graduate skills are assessed by written work in the form of portfolios, case studies, logbook, presentations, peer assessment and self-assessment and project work. |

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| **12. Programme structure (levels, modules, credits and progression requirements)** |
| **12. 1 Overall structure of the programme** |
| The programme can normally be studied over one year full-time (12 months) or 2 years part-time.The full programme (MSc) is modular comprising a total of 180 credit points, including four 30-credit modules and a 60-credit dissertation module completed during the summer.Students can exit with the PG certificate or the PG diploma.PG cert = 60 credits: SES4020 or 4021 or 4022 & 4030; PG Dip = 120 credits: SES4013, 4030 & 4020 or 4021 or 4022  |

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| **12.2 Levels and modules** |
| Level 7 |
| COMPULSORY | OPTIONAL (SES pathway only) | PROGRESSION REQUIREMENTS |
| Students must take all of the following:* SES4013 Professional Placement
* SES4030 Research Methods

**Biomechanics pathway*** SES4022 Advanced Exercise Biomechanics
* SES4011 Biometric Modelling and Performance Profiling

**Physiology pathway*** SES4021 Advanced Exercise Physiology
* SES4023Laboratory Techniques in Exercise Physiology

**Psychology pathway*** SES4020 Advanced Exercise Psychology
* SES4003 Psychology of Sport and Exercise Performance
 | SES Students must choose two modules from the following:* SES4021 Advanced Exercise Physiology
* SES4020 Advanced Exercise Psychology
* SES4022 Advanced Exercise Biomechanics
 | All students must complete the research module before progressing on to the dissertation module * SES4095 Dissertation
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| ***12.3 Non-compensatable modules*** |
| ***Module level*** | ***Module code*** |
| No module may be compensated |