

Programme Specification



1. Programme title	MSc Sport Performance Analysis (MSc) Post Graduate Diploma Sport Performance Analysis (PGDip) Post Graduate Certificate Sport Performance Analysis (PGCert)
2. Awarding institution	Middlesex University
3. Teaching institution	Middlesex University
4. Details of accreditation by professional/statutory/regulatory body	Not Applicable
5. Final qualification	MSc/PGDip/PGCert Sport Performance Analysis
6. Year of validation Year of amendment	2019/2020
7. Language of study	English
8. Mode of study	Full-time, Part-time (MSc only)

9. Criteria for admission to the programme Students will require an undergraduate degree in a sport or exercise related field (2.2 or above). Students with undergraduate degrees in non-related areas (i.e. all sciences, maths etc.) are welcomed will be considered at discretion according to relevant industry experience and professional qualifications. Students for whom English is a second language must have achieved IELTS 6.5 (with minimum 6.0 in all components) or equivalent. If you have relevant qualifications or work experience, academic credit may be awarded towards your Middlesex University programme of study. For further information please visit our Accreditation of Prior Learning page .
10. Aims of the programme The programme aims to:

1. Prepare students for the certification requirements of International Society of Performance Analysis of Sport (ISPAS).
2. Enable students to design evidence-based, sport-specific performance analysis interventions based on a critical needs analysis.
3. Develop student's reflective and practical skills essential for communicating complex information to coaches and athletes.
4. Develop students critical thinking and problem-solving skills.
5. Enable students to undertake complex data analysis and visualisation.
6. Provide students with the ability to select, appraise and undertake a variety of technical, tactical and statistical analyses and critically evaluate their validity and reliability.
7. Provide students with the ability to critically appraise the current research literature in Performance Analysis.
8. Provide students with work-based learning opportunities through work placements within performance analysis (subject to COVID-19 restrictions).

11. Programme outcomes*

A. Knowledge and understanding

On completion of this programme the successful student will have knowledge and understanding to:

1. Apply appropriate research methodology in order to advance existing knowledge and inform practice
2. Demonstrate advanced knowledge of performance analysis concepts
3. Demonstrate analytical, evaluatory and synthesis skills required to conduct personal and group research in selected areas of PA in sport
4. Present logical, structured and critical arguments by communicating effectively in the writing of reports and presentations.
5. Apply appropriate data analysis and visualisation methods
6. Demonstrate an ability to problem solve autonomously in applied settings
7. Demonstrate advanced knowledge of performance analysis software packages to analyse performances and techniques

Teaching/learning methods

Students gain knowledge and understanding through a blended-learning approach attending live lectures, engaging with pre-recorded content, seminars, workshops, problem solving tasks, small group discussions & presentations, student and teacher led learning sessions and finally, via student placements (subject to COVID-19 restrictions). An understanding of the subject is both summative and formatively assessed.

Assessment methods

Students' knowledge and understanding is assessed by a range of methods such as presentations, written assignments, case studies and placement logbooks.

B. Skills

Teaching/learning methods

<p>On completion of this programme the successful student will be able to:</p> <ol style="list-style-type: none"> 1. Critically evaluate research and published literature, debate and articulate ideas, protocols and actions 2. Demonstrate an ability to work independently and responsibility as an advanced practitioner in dealing with the elements of unpredictability and complexity that present in practice. 3. Devise and critically evaluate sport-specific analyses of performance 4. Demonstrate mastery of PA techniques using a variety of software packages 5. Select and administer the appropriate analyses relevant to theoretical principles and within applied contexts. 6. Communicate results of research to peers, demonstrating expertise in application of theory and advanced research skills 7. Demonstrate advanced data analysis and visualisation skills 	<p>Students learn skills through formative and summative assessments, participation in lectures, seminars, problem-based learning and workshops. Students will also undertake blended-learning approaches to learning through self-directed study and pre-recorded/live online content. Peer-review, self-reflection skills are also developed. Finally, practical skills are developed in placement.</p> <p>Assessment methods Students' skills are assessed by presentations, written assignments, case studies and placement. Finally, via self-reflection and peer review.</p>
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12. Programme structure (levels, modules, credits and progression requirements)					
12. 1 Overall structure of the programme					
MSc Sport Performance Analysis (Full Time)					
SES 4005	SES 4059	SES 4058	SES 4013	SES 4030	SES 4095
Performance Analysis	Biometric Modelling	Data analysis and visualisation	Professional Placement	Research Methods	Dissertation
30 Credits	15 Credits	15 Credits	30 Credits	30 Credits	60 Credits
Semester 1	Semester 2	Semester 2	Semester 1,2,3	Semester 1&2	Semester 3
Core			Shared		
MSc Sport Performance Analysis (Part Time)					
Year 1			Year 2		
SES 4005	SES 4059	SES 4058	SES 4030	SES 4013	SES 4095
Performance Analysis	Biometric Modelling	Data analysis and visualisation	Research Methods	Professional Placement	Dissertation
30 Credits	15 Credits	15 Credits	30 Credit	30 Credits	60 Credits
Semester 1	Semester 2	Semester 2	Semester 1&2	Semester 1,2,3	Semester 1,2,3

Core			Shared	
Post Graduate Diploma in Sport Performance Analysis				
SES 4005	SES 4059	SES 4058	SES 4030	SES 4013
Performance Analysis	Biometric Modelling	Data analysis and visualisation	Research Methods	Professional Placement
30 Credits	15 Credits	15 Credits	30 Credit	30 Credits
Semester 1	Semester 2	Semester 2	Semester 1&2	Semester 1,2,3
Core			Shared	
Post Graduate Certificate in Sport Performance Analysis				
SES 4005		SES 4059		SES 4058
Performance Analysis		Biometric Modelling		Data analysis and visualisation
30 Credits		15 Credits		15 Credits
Semester 1		Semester 2		Semester 2
Core				

12.2 Levels and modules		
Level 7 (1)		
COMPULSORY	OPTIONAL	PROGRESSION REQUIREMENTS
Students must take all of the following: SES4005 SES4059 SES4013 SES4058 SES4030 SES4095	None	Must complete SES4030 (Research Methods) before progressing onto SES4095 (Dissertation).

12.3 Non-compensatable modules (note statement in 12.2 regarding FHEQ levels)	
Module level	Module code
7	No module may be compensated.
13. Curriculum map	
See attached.	

14. Information about assessment regulations

The following reference points were used in designing the Programme.

Internal Documentation:

- MU Learning and Quality Enhancement Handbook 2018/19
- Middlesex University Regulations 2019/20

External Documentation:

- Quality Assurance Agency (2014) The Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies, Gloucester: QAA

15. Placement opportunities, requirements and support

Students are required to complete a minimum set of hours for their work placement. Students are encouraged to explore organisations that work within the student's area of interest (relevant to their programme) and suitable applications are supported by the Programme Leader.

Where a student is not already working within a field relevant to their programme of study, programme staff may be able to advise of suitable work placements. It is typical that interviews will be required for popular placements; therefore, the University offers no guarantee of work.

Due to COVID-19 there may be governmental/organisational restrictions in place that may hinder students from undertaking completing a placement. In this scenario, students will be provided the opportunity to undertake an alternative method of assessment to be able to complete the module successfully.

16. Future careers (if applicable)

Career opportunities (full-time and part-time) exist for well-qualified sport performance analysts in both professional and amateur sports. Most sports teams now employ performance analysts. Various internship programmes are run by organisations like the English Institute of Sport.

Previous graduates in Sport Performance Analysis are currently working in soccer (English Premier League, English Championship, the FA); Rugby (Welsh Rugby Union, Professional rugby teams in England and Wales); multiple Olympic sports (working for the English Institute of Sport in sports such as cycling, canoe slalom, disability swimming, hockey, judo); squash (England Squash); badminton (England badminton) and regional bodies (Irish Institute of Sport).

Graduates will also be capable of establishing their own consultancy business or progressing to additional study/research including MPhil/PhD.

17. Particular support for learning (if applicable)

Performance analysis facilities are available within the university. For example, performance analysis software packages like Quintic, Dartfish, Focus and Sportscodex are available via PCs, Student loan laptops and Macbooks. Furthermore, relevant software packages such as SPSS, R, Matlab, Adobe suite and Microsoft office are available to students to use (Access to campus & equipment may be subject to COVID-

19 restrictions. Where possible, software will be virtualised to allow student access remotely).

Course content can also be accessed off site via the university MyUniHub platform, where lecture notes, reading material and journals are available.

The university provides library facilities, statistics and Academic Writing support which can be accessed via UniHelp.

18. JACS code (or other relevant coding system)	C600
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19. Relevant QAA subject benchmark group(s)	Hospitality, Leisure, Sport and Tourism
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20. Reference points

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External Documentation:

- Quality Assurance Agency (2014) The Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies, Gloucester: QAA

21. Other information

Computer Equipment

Students are required to have access to a computer, preferably a laptop (Apple Mac or PC) and have access to the Internet away from the University.

Students will have access to University computers (both desktop and, on occasions, a laptop). It should be noted that depending upon o/s compatibility, some performance analysis software may not work across all platforms. (Access to campus & equipment may be subject to COVID-19 restrictions. Where possible, software will be virtualised to allow student access remotely).

Video Equipment

Video cameras, cables, tripods and accessories are available through the University, Media Loan Store. (Access to campus & equipment may be subject to COVID-19 restrictions. Where possible, software will be virtualised to allow student access remotely).

Clothing

The course fee does not include London Sports Institute sports kit; these are available to purchase, but are not compulsory.

Please note programme specifications provide a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve if s/he takes full advantage of the learning opportunities that are provided. More detailed information about the programme can be found in the rest of your programme handbook and the university regulations.

Curriculum map for *MSc / PGDip / PGCert Sport Performance Analysis*

This section shows the highest level at which programme outcomes are to be achieved by all graduates, and maps programme learning outcomes against the modules in which they are assessed.

Programme learning outcomes

Knowledge and understanding	
A1	Apply appropriate research methodology in order to advance existing knowledge and inform practice
A2	Demonstrate advanced knowledge of performance analysis concepts
A3	Demonstrate advanced analytical, evaluatory and synthesis skills required to conduct personal and group research in selected areas of PA in sport.
A4	Present logical, structured and critical arguments by communicating effectively in the writing of reports and presentations.
A5	Apply appropriate data analysis and visualisation methods
A6	Demonstrate an ability to problem solve autonomously in applied settings
A7	Demonstrate advanced knowledge of performance analysis software packages to analyse performances and techniques
Skills	
B1	Critically evaluate appropriate research and published literature, debate and articulate ideas, protocols and actions
B2	Demonstrate an ability to work independently and responsibly as an advanced practitioner in dealing with the elements of unpredictability and complexity that present in practice.
B3	Devise and critically evaluate sport-specific analyses of performance
B4	Demonstrate mastery of PA techniques using a variety of software packages
B5	Select and administer the appropriate analyses relevant to theoretical principles and within applied contexts.
B6	Communicate results of research to peers, demonstrating expertise in application of theory and advanced research skills
B7	Demonstrate advanced data analysis and visualisation skills

Programme outcomes													
A1	A2	A3	A4	A5	A6	B1	B2	B3	B4	B5	B6	B7	
Highest level achieved by all graduates													
7	7	7	7	7	7	7	7	7	7	7	7	7	

MSc / PGDip / PGCert

Entry/Exit Awards			Module Title	Module Code by Level															
					A1	A2	A3	A4	A5	A6	A7	B1	B2	B3	B4	B5	B6	B7	
MSc	PG Diploma	PG Certificate	Performance Analysis	SES4005		✓	✓	✓		✓	✓			✓	✓	✓	✓		
			Biometric Modelling	SES4059			✓	✓		✓	✓			✓		✓	✓		
			Data Analysis and Visualisation	SES4058			✓	✓	✓	✓						✓	✓	✓	
			Research Methods	SES4030				✓	✓			✓							
			Professional Placement	SES4013									✓						
			Dissertation	SES4095	✓														

A1, B1 and B2 will not be met in the PGCert.
A1 will not be met in the PGDip.