Prifysgol Wrecsam
Wrexham University

PROGRAMME SPECIFICATION

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PG Programme Directory

Section 1 Regulatory Details

Awarding body	Wrexham University
Teaching institution	Wrexham University
Final award and programme title (Welsh)	MSc Gwyddorau Chwaraeon ac Ymarfer Corff (Gwyddor Perfformio Chwaraeon)
Final award and programme title (English)	MSc Sport & Exercise Sciences (Sport Performance Science)
Exit awards and titles	Postgraduate Diploma in Sport & Exercise Sciences (Sport Performance Science) Postgraduate Certificate in Sport & Exercise Sciences (Sport Performance Science)
Credit requirements	• Postgraduate Certificate in Sport & Exercise Sciences (Sport Performance Science): 60 credits • Postgraduate Diploma in in Sport & • Sport & Exercise Sciences (Sport Performance Science): 120 credits • MSc in Sport & Exercise Sciences (Sport Performance Science): 180 credits
Does the programme offer Foundation Year route?	No
Placement / Work based learning	The Sport Performance pathway has an element of work-based learning. Students are required to complete a minimum of 10 hours in a sport related environment. This allows them to experience working life and think critically about how research is/is not utilized to improve athlete performance. Placements can either be sourced by students or the programme team can assist with helping students secure a relevant placement. Students will be allocated a placement tutor and will be visited on placement to ensure that the learning opportunities for the student are appropriate and challenging for master's level. Work placement provider information will be collated by the programme team and arrangements made for the provider to complete a survey about the work placement opportunity and student performance whilst on placement. There is an allocated placement coordinator within the department at both UG and PG level. The placement coordinator will collate all placement provider information and collate placement tutors to students aswell as liaising with placement providers about completing the survey. Students are responsible for travel to and from placement. No reimbursement of travel expenses will be paid. Students are asked to reflect on their placement experience in both the placement module and the

	Entrepreneurship module thus, they are able to align their placement experience with their assessment.
Length and level of the placement	10 Hours, Level 7 (SPT706: Entrepreneurship in Sport)
Faculty / Department	FSLS/Sport and Exercise Sciences
HECoS Code	100433
Intake Points	September
Mode of Attendance	Full & part time
Normal Programme Length	1 Year (Full Time) 2 Years (Part Time)
Mode of Study and Location of delivery	Campus based - Wrexham
Language of delivery	English
Welsh Medium Provision	The programme will be delivered through the medium of English. Students are entitled to submit assessments in the medium of Welsh. If students wish to converse in Welsh, they will be assigned a Welsh speaking personal tutor. Support can also be made available for Welsh language students via Coleg Cymraeg Cenedlaethol where students can present their research at their conferences through the Welsh Language. Students will be sign posted to relevant opportunities via the VLE and MS Teams page.
Professional, Statutory or Regulatory Body (PSRB) accreditation	N/A **This information is correct at the time of validation, please refer to the PSRB register for current accreditation status.**
External reference points	Leisure, Sport & Tourism QAA Subject Benchmark Health Studies QAA Subject Benchmark Higher Education Credit Framework CQFW
Entry Requirements	The entry requirements for this programme are 2:2 or above in any undergraduate degree. International entry qualifications are outlined on the UK National Information Centre for global qualifications and skills (UK ENIC) as equivalent to the relevant UK entry qualification. In addition to the academic entry requirements, all applicants whose first language is not English or Welsh must demonstrate English language proficiency. European students are able to provide this evidence in a number of ways (please see academic-entry-requirements for details), including IELTS. International students are required to provide an English Language Certificate which meets the requirements of the University (please see English-language-requirements for details).
Record of Prior (Experiential) learning	Applicants may enter the programme at various levels with Recognition of Prior Learning (RPL) or Recognition of Prior Experiential learning (RPEL) in accordance with the University Recognition of Prior Learning Procedure
Is DBS check required on entry?	No

Does the Suitability for Practice Procedure apply to the programme?	No
Derogation to Academic Regulations	N/A
Date of Approval	05/02/2025
Date and type of Revision	*N/A*

Section 2 Programme Details

Aims of the programme

- Develop an in-depth understanding of the theoretical foundations and practical applications of sport and exercise science disciplines, including physiology, biomechanics, psychology, biomedical science, health and strength and conditioning.
- Explore current research and advancements in sport and exercise science to stay updated with emerging trends and innovations.
- Cultivate the ability to design, conduct, and analyse original research in sport science/clinical exercise science, using appropriate methodologies and analysis techniques.
- Apply theoretical knowledge to real-world scenarios, developing practical skills in sports and exercise performance assessment, training program design, and athlete/patient monitoring.
- Foster the ability to work effectively in multidisciplinary teams, collaborating with professionals from various fields to optimize athlete performance or patient health.
- Prepare graduates for successful careers in various sectors, including professional sports teams, academic institutions, sports organizations, healthcare facilities, and fitness industries.

Programme Structure Diagram, including delivery schedule

Full-time delivery

Level	Module Code	Module Title	Credit Value	Core/ Option	Delivery (i.e. semester 1,2)
7	SPT701	Dissertation	40	CORE	1,2,3
7	SPT702	Research Practice & Examination in the Sport & Exercise Sciences	20	CORE	1,2
7	SES703	Performance Biomechanics	20	CORE	1
7	SPT704	Psychological Provision in Sport and Exercise	20	CORE	1
7	SPT705	Effective Leadership Strategies in Sport and Exercise Coaching	20	CORE	1,2
7	SPT706	Entrepreneurship in Sport	20	CORE	1
7	SPT707	Strength Training Exercise Physiology Principles	20	CORE	2
7	SIR704	Applied Strength & Conditioning Principles 1 – Performance Measurement	20	OPTION	1
7	SIR705	Applied Strength & Conditioning Principles 2 – Programme Design & Implementation	20	OPTION	2

Part-time delivery

Level	Module Code	Module Title	Credit Value	Core/ Option	Delivery (i.e. semester 1,2)	Year of Study
7	SPT705	Effective Leadership Strategies in Sport and Exercise Coaching	20	CORE	1,2	Y1
7	SPT702	Research Practice & Examination in the Sport & Exercise Sciences	20	CORE	1/2	Y1
7	SES703	Performance Biomechanics	20	CORE	1	Y1
7	SPT704	Psychological Provision in Sport and Exercise	20	CORE	1	Y1

Level	Module Code	Module Title	Credit Value	Core/ Option	Delivery (i.e. semester 1,2)	Year of Study
7	SPT707	Strength Training Exercise Physiology Principles	20	CORE	2	Y1
7	SPT706	Entrepreneurship in Sport	20	CORE	1	Y2
7	SPT701	Dissertation	40	CORE	1,2,3	Y2
7	SIR704	Applied Strength & Conditioning Principles 1 – Performance Measurement	20	OPTION	1	Y2
7	SIR705	Applied Strength & Conditioning Principles 2 – Programme Design & Implementation	20	OPTION	2	Y2

Programme Learning Outcomes

- ***K*** *–Knowledge and understanding. The knowledge and understanding that a student will be expected to have upon completion (such as "theoretical knowledge of the principles and methods of psychology" or "knowledge of the major types of construction"*
- ***I*** *–Intellectual skills for example; ability to analyse, criticise or synthesis, ability to formulate and test concepts and hypotheses, ability to solve problems and ability to learn independently.*
- ***S*** *–Subject skills for example, laboratory skills, scientific report writing, research skills and methods, etc.*
- ***P*** *–Practical, professional and employability skills such as Skills associated with employment in their specific area /generic skills – leadership/ numeracy*

Postgraduate Template

No.	Learning Outcome	K	I	S	P	PG Cert	PG Dip	MA/MSc	Optional Ref (PSRB standards)
1	Advanced theoretical knowledge of the main sport science disciplines: physiology, psychology and biomechanics	☒	☐	☐	☐	☐	☐	☒	
2	Advanced knowledge of various research methods used in relation to sport science	☒	☐	☐	☐	☐	☐	☒	
3	Advanced understanding of how to work with different athletes, clients as an individual practitioner and as part of a multi-disciplinary team	☒	☐	☐	☐	☐	☒	☒	
4	Advanced knowledge of relevant professional bodies and how they contribute to the students own continued professional development	☒	☐	☐	☐	☐	☒	☒	
5	Critically evaluate contemporary research in relation to sport science	☐	☒	☐	☐	☐	☐	☒	
6	Critically evaluate how different training programmes can impact various adaptations	☐	☒	☐	☐	☒	☒	☒	
7	Develop viable solutions for appropriate sport science issues	☐	☒	☐	☐	☐	☒	☒	
8	Learn independently evaluating the self and the sport science environment	☐	☒	☐	☐	☐	☐	☒	
9	Develop advanced practical lab and field based skills relevant to sport science	☐	☐	☒	☐	☒	☒	☒	
10	Develop advanced data collection skills for research or scenario based projects	☐	☐	☒	☒	☐	☐	☒	

No.	Learning Outcome	K	I	S	P	PG Cert	PG Dip	MA/MSc	Optional Ref (PSRB standards)
11	Advance presentation expertise for academic and layman audiences	☐	☐	☒	☐	☐	☒	☒	
12	Develop academic writing skills that showcase sport science research	☐	☐	☒	☐	☐	☐	☒	
13	Advance data analysis skills	☐	☐	☐	☒	☐	☒	☒	
14	Develop autonomy as part of working as an individual and a multi-disciplinary team	☐	☐	☐	☒	☐	☒	☒	
15	Advanced ability to communicate effectively with others	☐	☐	☐	☒	☐	☐	☒	
16	Create proficiency through a range of practical techniques for monitoring performance improvements	☐	☐	☐	☒	☒	☒	☒	

Learning and teaching strategy

Knowledge and understanding: To aid knowledge and understanding, lectures and seminars will be incorporated into the learning and teaching strategy. Lectures will often be accompanied by pre-recorded content that students are to engage with prior to the lecture commencing. By doing this, every student has a chance to come into the lecture with the same information. Further, it will provide students with the time and resources to start at the same point thus, allowing for deeper and more productive conversations. of a subject is often developed through lectures and seminars. Such direct teaching methods are usually supported by directed study of textbooks and journal articles (hard copy or electronic) and by assignment or project work.

Students will also be given directed study tasks following on from lectures and seminars. Tasks may include completing reading, analysing data, engaging in forum discussions around a particular topic and working in groups to solve problems.

Subject-specific: As sport and exercise degrees are practical in nature, students will be engaging in a lot of practical laboratory and field-based work. Practicals will consist of students collecting data on athletes, clients and or patients in a laboratory or field-based setting. Data is collected using various pieces of equipment hosted in the Physiology and Biomechanics laboratory.

Intellectual skills: To foster intellectual skills, students will be asked to engage in a variety of workshops that are designed in line with their assessments. Data analysis workshops will be included in our Dissertation and Research Methods modules where specific software such as NVivo and SPSS will be utilized. Other sport specific software used to analyse data collected during lab based sessions will also be utilized across a variety of modules to ensure students are well versed in how to analyse relevant data.

Practical, Professional and employability skills: Students will be required to work as a multi-disciplinary team and as a individual to provide support to clients, athletes and or patients, thus, engaging problem solving and analytical skills. This type of scenario-based learning places students in realistic situations that mirror real-world challenges, making the learning experience more relevant and meaningful. Students will also complete placement hours in a relevant setting. This provides students with hands-on experience in a real-world setting, allowing individuals to apply theoretical knowledge to practical tasks. This bridges the gap between classroom learning and actual work environments.

Students will also have the opportunity to undertake an additional vocational qualification alongside their degree. These qualifications are typically designed in collaboration with industry experts, ensuring that the skills and knowledge gained are aligned with current industry standards and demands.

Assessment strategy

Below outlines the key components of our authentic assessment strategy:

Summative Assessments: The programme focuses on an assessment strategy that evaluates students learning through real world tasks that reflect how knowledge and skills are applied in actual situations. This approach not only assesses students' academic understanding but also their ability to transfer and apply their learning in practical contexts.

Real-world Relevance: assessment tasks are designed in most parts to mimic real-life challenges and professional practices. This ensures that when students graduate, the skills they have gained during study can be translated into practice when employed. We have drifted away from traditional academic assessments as they pre-date currency and relevance in the sport and exercise field. Some of the assessment types within the new degrees include: writing exercise training plans, creating social media posts/videos, creating posters, collecting biomechanical data and working as a multi-disciplinary team to pitch support to relevant athletes/patients/sport businesses.

Performance-based Tasks: Students are evaluated based on their performance in activities such as projects, presentations, or portfolios. These tasks provide a comprehensive view of students' abilities and understanding and allow them to be marked based on their performance given sport and exercise is a practical field.

Student-centred Approach: The assessments consider students interests, by ensuring the assessments are exciting and engaging. This will likely increase motivation and engagement in learning.

Integration of skills and knowledge: Assessments integrate multiple skills and areas of knowledge, reflecting the interdisciplinary nature of real-world problems thus, emphasizing the application of theoretical knowledge to practical scenarios.

Reflective Practice: Some assessments encourage students to reflect on their learning process and outcomes. Reflection helps students identify their strengths, areas for improvement, and strategies for future learning. Both work-based learning modules encourage reflection and are aligned to professional body frameworks such as CEP-UK and BASES SE. This puts students in a good position to apply for professional accreditation.

Feedback and Iteration: Students will be given on-going constructive feedforward feedback that is both verbal and written. We utilise verbal voice notes via Turnitin along with written feedback to ensure students have access to varying types of feedback.

Formative Assessments: All modules will include a formative assessment(s). This allows us to give feedback on work and performance prior to the summative assessment. This could be in the form of practice presentations, peer review and feedback, discussion forums and written work etc. This allows students to act upon feedback given by staff and peers fostering a sense of responsibility and self-regulation in learning. All formative assessments will be made clear in module handbooks and communicated by module leaders during sessions, via Moodle or the relevant module MS Teams page. Students may be given video, verbal, written or a combination of all three types of feedback.

Disclaimer

Through out quality assurance processes we have ensured that this programme engages with and is aligned to:

- Academic Regulations: https://wrexham.ac.uk/academic-regulations-policies-and-procedures/
- The University Skills Framework: https://wrexham.ac.uk/careers/skills-framework/
- Welsh Language Policy: https://wrexham.ac.uk/about/welsh-at-wrexham-university/
- Equality and Diversity Policy: https://wrexham.ac.uk/about/equality-and-diversity/
- The Student Union offers support for students, please access their website https://www.wrexhamglyndwrsu.org.uk/