



Module Descriptor

Title	Paediatric Sport Science		
Session	2024/25	Status	Published
Code	SPOR10052	SCQF Level	10
Credit Points	10	ECTS (European Credit Transfer Scheme)	5
School	Health and Life Sciences		
Module Co-ordinator	Vish Unnithan		
Summary of Module			
<p>This module is designed to develop knowledge and practical skills on all aspects of the athletic preparation of male and female youth team sports players. Students will gain knowledge, for example on the impact of growth and maturation on sports performance and critically evaluate the approaches used in performance monitoring among youth team sports populations. This module will equip students with both the theoretical knowledge and practical skills required to evaluate and monitor the youth team sport player.</p> <p>This module will assist the student in the development of key 'I am UWS Graduate Attributes' to allow those that complete this module to be a:</p> <p>Critical Thinker, Emotionally Intelligent, Collaborative , Work Ready, Problem-solver, Motivated, Potential Leader, Successful, Innovative, Resilient and Transformational</p>			

Module Delivery Method	On-Campus¹ <input type="checkbox"/>	Hybrid² <input checked="" type="checkbox"/>	Online³ <input type="checkbox"/>	Work -Based Learning⁴ <input type="checkbox"/>
Campuses for Module Delivery	<input type="checkbox"/> Ayr <input type="checkbox"/> Dumfries	<input checked="" type="checkbox"/> Lanarkshire <input type="checkbox"/> London <input type="checkbox"/> Paisley	<input type="checkbox"/> Online / Distance Learning <input type="checkbox"/> Other (specify)	

¹ Where contact hours are synchronous/ live and take place fully on campus. Campus-based learning is focused on providing an interactive learning experience supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus contact hours will be clearly articulated to students.

² The module includes a combination of synchronous/ live on-campus and online learning events. These will be supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus and online contact hours will be clearly articulated to students.

³ Where all learning is solely delivered by web-based or internet-based technologies and the participants can engage in all learning activities through these means. All required contact hours will be clearly articulated to students.

⁴ Learning activities where the main location for the learning experience is in the workplace. All required contact hours, whether online or on campus, will be clearly articulated to students

Terms for Module Delivery	Term 1	<input type="checkbox"/>	Term 2	<input checked="" type="checkbox"/>	Term 3	<input type="checkbox"/>
Long-thin Delivery over more than one Term	Term 1 – Term 2	<input type="checkbox"/>	Term 2 – Term 3	<input type="checkbox"/>	Term 3 – Term 1	<input type="checkbox"/>

Learning Outcomes	
L1	Comprehensively understand the effects of growth and maturation on physical performance and talent identification approaches in youth team sports
L2	Critically evaluate performance monitoring strategies in youth team sports
L3	
L4	
L5	

Employability Skills and Personal Development Planning (PDP) Skills	
SCQF Headings	During completion of this module, there will be an opportunity to achieve core skills in:
Knowledge and Understanding (K and U)	<p>SCQF 10</p> <p>Demonstrating a comprehensive knowledge of how growth and maturation influences both physical performance and talent identification in youth team sport players.</p> <p>Demonstrating a critical understanding of performance monitoring strategies for youth team sport players.</p>
Practice: Applied Knowledge and Understanding	<p>SCQF 10</p> <p>Using a wide range of performance monitoring techniques to evaluate youth team sport players.</p>
Generic Cognitive skills	<p>SCQF 10</p> <p>Critically identifying, defining, conceptualising and analysing complex problems and issues.</p>
Communication, ICT and Numeracy Skills	<p>SCQF 10</p> <p>Disseminating performance monitoring profiles of youth team sport players.</p> <p>Using a range of ICT applications to acquire and integrate performance information.</p>
Autonomy, Accountability and Working with Others	<p>SCQF 10</p> <p>Students will work individually and as part of a team to acquire the performance monitoring data.</p>

Prerequisites	Module Code N/A	Module Title N/A
	Other N/A	
Co-requisites	Module Code N/A	Module Title N/A

Learning and Teaching

In line with current learning and teaching principles, a 20-credit module includes 200 learning hours, normally including a minimum of 36 contact hours and maximum of 48 contact hours.

Learning Activities

During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:

Student Learning Hours

(Note: Learning hours include both contact hours and hours spent on other learning activities)

Lecture / Core Content Delivery

6

Laboratory / Practical Demonstration / Workshop

12

Independent Study

82

Please select

Please select

Please select

TOTAL

100

Indicative Resources

The following materials form essential underpinning for the module content and ultimately for the learning outcomes:

Strudwick, T. (2016) Soccer Science. Champaign, IL: Human Kinetics.

Lloyd, R. S. and Oliver, J. L. (2020) Strength and Conditioning for Young Athletes. 2nd edn. Abingdon, Oxon: Routledge.

The following list of indicative journals should also be used as key sources for the content within this module: Journal of Sport Sciences, Paediatric Exercise Science, international Journal of Sports Physiology and Performance and the Journal of Strength and Conditioning Research.

(N.B. Although reading lists should include current publications, students are advised (particularly for material marked with an asterisk*) to wait until the start of session for confirmation of the most up-to-date material)

Attendance and Engagement Requirements

In line with the [Student Attendance and Engagement Procedure](#), Students are academically engaged if they are regularly attending and participating in timetabled on-campus and online teaching sessions, asynchronous online learning activities, course-related learning resources, and complete assessments and submit these on time.

For the purposes of this module, academic engagement equates to the following:

100% attendance is expected. We know there are occasions when you may be unwell or experience unforeseen personal circumstances which prevent attendance. On these occasions you should notify your lecturer and/or personal tutor.

The university is committed to providing a supportive learning environment that actively facilitates student success. In this module, there is a high degree of student-led flexibility. You are academically engaged if you are regularly engaged with scheduled live sessions on-campus and online, including engaging with online learning activities in your own time, course-related learning resources, and with timely completion and submission of assessments.

Whilst we understand that there may be times when conflicting priorities make participation challenging, for you to gain the most from this module it is recommended that you participate in all scheduled live classes and complete your self-directed learning activities in a timely manner.

It may be difficult to pass the assessment associated with this module if you are not regularly engaging with the module work and live classes. We may reach out to check how things are going and offer support if we observe that you have not been attending sessions or completing online activities.

Equality and Diversity

The University's Equality, Diversity and Human Rights Procedure can be accessed at the following link: [UWS Equality, Diversity and Human Rights Code](#).

In line with current legislation (Equality Act, 2010) and the UWS Equality, Diversity, and Human Rights Code, our modules are accessible and inclusive, with reasonable adjustment for different needs where appropriate. Module materials comply with University guidance on inclusive learning and teaching, and specialist assistive equipment, support provision and adjustment to assessment practice will be made in accordance with UWS policy and regulations. Where modules require practical and/or laboratory based learning or assessment required to meet accrediting body requirements the University will make reasonable adjustment such as adjustable height benches or assistance of a 'buddy' or helper.

(N.B. Every effort will be made by the University to accommodate any equality and diversity issues brought to the attention of the School)

Supplemental Information

Divisional Programme Board	Sport Exercise Health
Overall Assessment Results	<input type="checkbox"/> Pass / Fail <input checked="" type="checkbox"/> Graded
Module Eligible for Compensation	<input type="checkbox"/> Yes <input type="checkbox"/> No If this module is eligible for compensation, there may be cases where compensation is not permitted due to programme accreditation requirements. Please check the associated programme specification for details.
School Assessment Board	
Moderator	L. Forrest
External Examiner	E. Bradley
Accreditation Details	Not Applicable
Module Appears in CPD catalogue	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Changes / Version Number	1

Assessment (also refer to Assessment Outcomes Grids below)**Assessment 1**

The assessment will require students to complete a written laboratory report of practical work conducted.

Assessment 2**Assessment 3**

(N.B. (i) Assessment Outcomes Grids for the module (one for each component) can be found below which clearly demonstrate how the learning outcomes of the module will be assessed.

(ii) An indicative schedule listing approximate times within the academic calendar when assessment is likely to feature will be provided within the Student Module Handbook.)

Component 1

Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
Laboratory Report	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	100	0

Component 2

Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Component 3

Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Combined total for all components						100%	hours

Change Control

What	When	Who

