

Programme Specification

	Part 1: Ba	isic Data					
Primary Programme Title	MSc Strength and Co	onditioning					
Target Award Titles	Mode and Typical Duration of Study	Typical Duration Accrediting Body					
MSc Strength and Conditioning	Full time, 1 years Part time, 2-3 years	CIMSPA	N	Recognition None			
Interim Award Titles	Postgraduate Diplom Postgraduate Diplom Postgraduate Certific Postgraduate Certific Postgraduate Award	na in Sport Studies cate in Strength ar cate in Sport Studi	: nd Conditi				
Teaching Delivery Method	Mixed						
Awarding Institution	Hartpury University						
Teaching Institution	Hartpury University						
Delivery Location	Hartpury						
Department Responsible for Programme	Sport						
Unit-E Code	MSTSASCX						
Entry Criteria Information	Applicants will have of entry, which can b (<u>www.hartpury.ac.ul</u>	be found through t		opriate for the stage ary website			
Most Recent Validation Date		Due for Re- validation By	01 Sej	otember 2027			
Amendment Approval Date		Approved With Effect From	V7.0 - 0	1 September 2022			
Professional Accrediting Body Approval Date		Date for Re- accreditation					
Version	7.0						

Part 2: Programme Overview

This programme is designed with a practical orientation, towards the application and evolution of theory to practice. In particular, this programme aims to enable you to become a strength and conditioning coach that is scientifically rigorous, adaptable and demonstrate effective coaching skills.

The educational aims of the programme are:

- Develop a critical awareness of how research evidence informs current strength and conditioning recommendations and practice across populations, with an emphasis on sports performance
- Develop research skills to investigate issues in the field of strength and conditioning, and design and review appropriate training interventions
- Create independent learners with transferable intellectual and study skills that can make a significant and sustainable contribution within their chosen career path
- Enhance reflective practice skills so learners become autonomous and independent in their personal and professional development.
- Help learns consider how their practice positively contributes to their local, national and international community for global issues.

Part 3: Programme Structure

This structure diagram demonstrates the student journey from enrolment through to graduation for a typical **full time student on the primary programme**, including:

- level and credit requirements
- award requirements that are in addition to those described in the Hartpury University Academic Regulations
- module diet, including core and optional modules.

Please note:

*PAB – these modules are subject to additional and variant regulations as part of an accreditation by a professional accrediting body

+ Non-condonable – these core modules are not able to be condoned

	Core Modules	Optional Modules	Target and Interim Awards
Stage 1	HSPV66-15-7 Applied Practice in Strength and Conditioning*+ HSPVB4-15-7 Contemporary Issues in Strength and Conditioning* HSPVB3-15-7 Performance Profiling and Testing for Athletes* HSPVC3-15-7 Planning and Monitoring for Athletic Training*+ HANVL5-60-7 Postgraduate Dissertation*+ HSPVAY-15-7 Skill Acquisition for Strength and Conditioning*+ HANXKT-15-7 The Research Process*	HSPVD9-30-7 Postgraduate Industry Placement Experience* OR HSPXMV-15-7 Professional Development Portfolio* AND HSPXN3-15-7 High Performing Environments*	Postgraduate Award in Sport StudiesPG Cert Sport StudiesPG Cert Strength and ConditioningThis must include modules: Applied Practice in Strength and Conditioning; Performance Profiling and Testing for Athletes; Planning and Monitoring for Athletic Training; and Contemporary Issues in Strength and Conditioning.PG Dip Sport StudiesPG Dip Sport StudiesPG Dip Strength and Conditioning; Performance Profiling and Tontemporary Issues in Strength and Conditioning.PG Dip Sport StudiesPG Dip Strength and Conditioning This must include modules: Applied Practice in Strength and Conditioning; Performance Profiling and Testing for Athletes; Planning and Monitoring for Athletic Training; and Contemporary Issues in Strength and Conditioning.MSc Strength and Conditioning This must include all core modules.

Part time:

The part time student journey from entry through to graduation is individually negotiated with the student.

Part 4: Programme Learning Outcomes

Modules in bold are core modules and modules not emboldened are optional modules. A denotes a module that assesses a learning outcome and B denotes a module aligned with a learning outcome.

Learning Outcome	15:	Skill Acquisition for Strength and Conditioning	Planning and Monitoring for Athletic Training	Performance Profiling and Testing for Athletes	Applied Practice in Strength and Conditioning	Contemporary Issues in Strength and Conditioning	Professional Development Portfolio	High Performing Environment	The Research Process	Postgraduate Industry Placement Experience	Postgraduate Dissertation
A) Knowledge and	Understanding of:										
	ture and utilise knowledge surrounding motor learning and motor contront protection on the strength and conditioning practice.	A									
	yse the literature surrounding the physiological and biomechanica response to a range of physical training methods.	I	А	В	В						
	ess the current understanding of the dose-response relationship of physica	Ι	Α		В	A					
4. Critically evalu	ate the advanced planning and programming strategies inherent withi Is of periodization that are utilized by strength and conditioning coaches.	1	A		A					В	
	esign and implement annual training plans, encompassing appropriat g, monitoring and recovery strategies, specific to the needs of an individua		А	А	В					В	
	echnical mastery in a range of training methods, and be able to conve expertise to athletes within a coaching setting.	1		А	А					В	

7. Critically appraise the roles, scope and range of competencies required in coaching settings to demonstrate effective and informed practice.				Α	В	В	В		В	
8. Critically evaluate the efficacy and efficiency of training methods for different athletic populations for performance, health and well-being.		А	А	Α	А					
9. Exhibit the development of coaching practice through behaviour modification and problem based learning.			А	Α					В	
10. Ability to utilise appropriate statistical methods to analyse changes in performance following testing, training and research interventions.			А					А		А
B) Intellectual Skills										
1. Effectively communicate specialist knowledge to non-subject specialists such as athletes, coaches and parent/guardians.		А	А	А	А		А			
2. Critically evaluate current research and advanced scholarship in the areas of strength and conditioning and coaching science.	А	А	А	А	А					
3. Construct and implement testing and training approaches for different populations based upon contemporary research.		А	Α	А	А				А	
4. Evaluate, deconstruct and integrate differing anecdotal, traditional and contemporary coaching principles to develop and test theories, models, concepts, and hypotheses.	А	А	А	А	А	В	В		В	
5. Decide upon and administer an appropriate research methodology (qualitative or quantitative), to facilitate the analyses of data.								А		А
6. Devise, perform, analyse the findings, draw conclusions and undertake a systematic critical reflection on a programme of original research in order to formulate appropriate recommendations.										A
C) Performance and Practice										
1. Utilise scientific principles, concepts and theories to inform and evidence-based approach to strength and conditioning provision.	А	А	А	А	А					В
2. Apply strength and conditioning research findings to industry-based problems.					Α				В	А
3. Demonstrate the ability to provide strength and conditioning services and support to athletes/clients across sessional, micro, meso and macro cycles.	В		А	А					В	
4. Integrate skill acquisition theories and concepts into applied practice.	Α									
5. Implement reflective practice on personal and learner experiences to promote best coaching practice.				Α	В	А			А	
6. Demonstrate effective coaching behaviours and coaching styles to enhance athlete/client experiences, and to build effective relationships with stakeholders.			А	Α	В		В		В	
Critically evaluate current and topical strength and conditioning research practices and practical approaches.		А	В	В	А			В		В
D) Setting, Personal and Enabling Skills										
1. Communicate effectively with a wide range of individuals using a variety of appropriate means, showing self-awareness and sensitivity to diversity and inclusivity.	В	В	В	A	А					
2. Exhibit interpersonal, resilience and teamwork skills, necessary for working in high performing environments.					А		А		В	

3. Analytically evaluate academic, vocational and professional performance through the structured use of reflection.			А	В	А	В		А	
4. Utilise problem-solving skills in a variety of theoretical and practical situations.		Α	В	В			В	Α	В
5. Manage change effectively and respond appropriately, and flexibly, to changing demands.			Α	В				Α	Α
6. Take responsibility for personal and professional learning and development and act autonomously in planning and implementing tasks.		А		А	А		В	А	В
7. Demonstrate an awareness of how to implement sustainability and well-being strategies for both personal, peer and organisational benefit.		А		А				В	

Part 5: Learning, Teaching and Assessment

Learning, Teaching and Assessment Journey:

The field of strength and conditioning has emerged as a distinct and popular area of expertise in sport science. Predominantly emanating from within the disciplines of physiology and biomechanics, strength and conditioning professionals frequently require knowledge and understanding of inter-disciplinary applied sport science and coaching. The modules aim to build upon fundamental principles by enhancing the students' knowledge base, technical competence, practical coaching skills and personal reflection-based knowledge from a multi- and inter-disciplinary approach.

Throughout this level of the programme, research methods form a compulsory element and act as an important building block for the dissertation at master's level. In addition, students are also exposed to the theories of motor learning, practical testing assessments and reflective coaching which helps to develop a well-rounded strength and conditioning coach. This knowledge is fundamental when critically appraising anecdotal, traditional and contemporary principles upon which current strength and conditioning practice is built on.

Specifically, postgraduate students will be assigned a personal tutor to provide additional guidance and support throughout the duration of their master's programme. Upon registration a student will have access to an induction programme incorporating literature searching skills and a library induction and exercises to develop level 7 study skills. Study skills support throughout the programme will also be available for students that are successfully accepted to the programme using the institutions established student support mechanisms. Support for students with varied learning requirements is available and students may apply for alternative forms of assessment and other methods of support as applicable to their individual circumstances. Support is also available for students to develop their career aspirations with events, group sessions and individual appointments with dedicated careers staff.

On the MSc Strength and Conditioning programme teaching is a mix of:

Scheduled learning – may vary slightly depending on the module choices made. These scheduled learning sessions will be interactive, collaborative and industry related, employing a variety of teaching and learning methods, which may include lectures, seminars, tutorials, project supervision and practical classes. Throughout the programme, students will be required to approach their learning via an independent lens.

Independent learning - includes the hours engaged with essential reading and other learning materials, case study preparation, practical competency development, assignment preparation and completion etc.

Virtual Learning Environment: This specification is supported by a VLE where students will be able to find all necessary module information. Direct links to information sources will also be provided from within the VLE.

This programme will be assessed according to the approved Academic Regulations.

Students registered on this programme will have access to the Hartpury University support services.

Part 5: Learning, Teaching and Assessment

The distinctive module used by the Programme Examination Board to inform recommending differential awards for students when considering borderline performance profiles will be: Postgraduate Dissertation

Professional Accrediting Body documents to which this programme is mapped and or aligned:

The Chartered Institute for the Management of Sport and Physical Activity (CIMSPA)

				Assessm	nent Map				
					Туре с	of Assessment*			
		Coursework	Report	Portfolio	Written Examination	Written Test	Practical Skills Examination	Practical Skills Assessment	Oral Assessment
Core Modules	Skill Acquisition for Strength and Conditioning		A (100) Report						
Stage 1	Contemporary Issues in Strength and Conditioning								A (100) Oral Assessment with Questions
	Postgraduate Dissertation		A1 (75) Project Report						A2 (15) Poster Defence A3 (10) Oral Presentation
	Performance Profiling and Testing for Athletes						A (100) Practical Skills Examination		
	Planning and Monitoring for Athletic Training		A (100) Report						
	Applied Practice in Strength and Conditioning						A (100) Practical Skills Examination		
	The Research Process	B (70) Coursework							A (30) Oral Presentation with Questions
Optional Modules	Professional Development Portfolio			A (100) Coursework Portfolio					
Stage 1	High Performing Environments		B (50) Report						A (50) Oral Presentation with Questions
	Postgraduate Industry Placement Experience			A (100) Coursework Portfolio					

*Indicative assessment types for new students enrolling on this programme after the date this specification takes effect (Part 1) are shown in terms of either Coursework, Written Examination, or Practical Examination as indicated by the colour coding above.

This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if they take full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content and teaching, learning and assessment methods of individual modules can be found through Hartpury's website (www.hartpury.ac.uk).

Approved Programme Amendment Log

Primary Programme Title:	MSc Strength and Conditioning (was Applied until V4.0)
Programme Code:	MSTSASCX
Initial Approval Date:	01 September 2017

Changes: Most recent at the top of the page

01/04/2022: interim award titles corrected in part 1 (Sport not Sports)

29/03/2022: Module name for HSPVC3-15-7 corrected in part 3 (interim awards) and change log from Training Response and Adaptation to Planning and Monitoring for Athletic Training. The original name of this module was Physiology of Strength and Conditioning. It was changed to Training Response and Adaptation during the Refresh process, then was changed again to Planning and Monitoring for Athletic Training before the module descriptor was published.

Current version number: 6.0

Outline Change Details:

- Document amended to meet requirements of new 2022 template.
- Page 2: Addition or programme overview outcome "Help learns consider how their practice positively contributes to their local, national and international community for global issues.
- Pages 4 and 5: Programme learning outcomes refined and reworded.
- Pages 3, 4 and 7: Name of "Physiology of Strength and Conditioning" changed to "Planning and Monitoring for Athletic Training"
- Page 3: Planning and Monitoring for Athletic Training now compulsory module for PG Cert and PG Dip instead of Skill Acquisition module.
- Page 8 assessment strategy changed to 100% practical examination to enhance sustainability of the module assessment from both a facility, equipment and staff time perspective but without compromising the learning objectives.
- Parts 1 and 3: interim awards updated, including addition of new 30 credit Postgraduate Award in Sport Studies

Material Alteration: Yes and is accompanied by the relevant course information document.

Rationale:

- Revised as part of the Refresh 22 process.
- Addition of new programme outcome to reflect institutional policy regarding sustainability.
- Programme learning outcomes changed to reflect the HE Sport Department focus on sustainability and well-being as well as outcomes noted on the Hartpury Graduate Attributes document.
- Module name changed to reflect the more holistic nature of how different exercise stimuli influences adaptations to training rather than these being specifically related to laboratory technique methods.
- Planning and Monitoring for Athletic Training now compulsory for PG Cert and PG Dip programmaes due to the underlying theoretical knowledge and understanding needed prior to beginning the skill acquisition module. This content is provided in the other S&C modules to ensure students are sufficiently prepared to undertake content which is more specialised.

Change requested by: Ben Drury

I can confirm that student representatives have been consulted about this change

I can confirm that colleagues impacted by this change have been consulted

I have retained evidence of these consultations, which will be summarized within the Programme Enhancement Report

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Date: 03/12/2021

Name of Head of Department: Sarah Lee

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I confirm that this change does not require additional resources beyond the scope of those already present
or planned for by the department

Signature:

Approval Committee and Date:

Refresh Approval Panel action 2022 03 21

Date: 20/01/2022

Change approved with effect from:	01 September 2022
Resulting new version number:	7.0

07/10/2021 - non-material alteration approved by CSP Chair's action: note added to programme map to indicate modules that were subject to name changes.

Current version number: 4.0

Outline Change Details:

Part 1 – Page 1: Professional Statutory or Regulatory Body Links

Change 1: CIMSPA information added to the basic information section

Part 2 – Page 2: HEAR

Change 1: CIMSPA information added to the programme aims section.

Part 3 - Page 3: Skill Acquisition for Strength and Conditioning (HSPVAY-15-7)*

Change 1: Module mapped to CIMSPA Graduate Strength & Conditioning Coach Professional Standards on MSc degree.

Change 2: Module name changes from "Applied Motor Control and Motor Learning for Strength and Conditioning"

Part 3 - Page 3: Contemporary Issues in Strength and Conditioning (HSPVB4-15-7)*

Change 1: Module mapped to CIMSPA Graduate Strength & Conditioning Coach Professional Standards on MSc degree.

Part 3 - Page 3: High Performing Environments (HSPXN3-15-7)*

Change 1: Module mapped to CIMSPA Graduate Strength & Conditioning Coach Professional Standards on MSc degree.

Change 2: Module has become optional on the programme structure for MSc degree.

Part 3 - Page 3: Performance Profiling and Testing for Athletes (HSPVB3-15-7)*

Change 1: Module mapped to CIMSPA Graduate Strength & Conditioning Coach Professional Standards on MSc degree.

Change 2: Module name changed from "Performance Assessments and Evaluation for Strength and Conditioning".

Part 3 - Page 3: Physiology of Strength and Conditioning (HSPVC3-15-7)*

Change 1: Module mapped to CIMSPA Graduate Strength & Conditioning Coach Professional Standards on MSc degree.

Part 3 - Page 3: Postgraduate Dissertation (HANVL5-60-7)*

Change 1: Module mapped to CIMSPA Graduate Strength & Conditioning Coach Professional Standards on MSc degree.

Part 3 - Page 3: Professional Development Portfolio (HSPXMV-15-7)*

Change 1: Module mapped to CIMSPA Graduate Strength & Conditioning Coach Professional Standards on MSc degree.

Change 2: Module has become optional on the programme structure for MSc degree.

Part 3 - Page 3: The Research Process (HANXKT-15-7)*

Change 1: Module mapped to CIMSPA Graduate Strength & Conditioning Coach Professional Standards on MSc degree.

Part 3 - Page 3: Applied Practice in Strength and Conditioning (HSPV66-15-7)*

Change 1: Module mapped to CIMSPA Graduate Strength & Conditioning Coach Professional Standards on MSc degree.

Change 2: Module name change from "Training Prescription and Programming"

Part 3 - Page 3: Postgraduate Industry Placement Experience (HSPVD9-30-7)*

Change 1: Module mapped to CIMSPA Graduate Strength & Conditioning Coach Professional Standards on MSc degree.

Change 2: Module added to programme structure from Applied Performance Analysis degree.

Part 3 – page 3: Programme structure

Optional modules moved to core.

Part 4 - Page 4: Applied Practice in Strength and Conditioning (HSPV66-15-7)*

Change 1: Module name change from "Training Prescription and Programming"

Part 4 - Page 4: Performance Profiling and Testing for Athletes (HSPVB3-15-7)*

Change 1: Module name changed from "Performance Assessments and Evaluation for Strength and Conditioning".

Part 4 - Page 4: Skill Acquisition for Strength and Conditioning (HSPVAY-15-7)*

Change 1: Module name changes from "Applied Motor Control and Motor Learning for Strength and Conditioning"

Part 4 - Page 4: Postgraduate Industry Placement Experience (HSPVD9-30-7)*

Change 1: Module added along with respective learning outcomes to the section.

Part 5 – Page 7: Description of any Distinctive Features

Change 1: CIMSPA information added to the student learning and student support section.

Part 5 – Page 8: Assessment map

Optional module Professional Development Portfolio corrected to A (100) coursework portfolio **Part 6 - Page 8: Applied Practice in Strength and Conditioning (HSPV66-15-7)*** Change 1: Module name change from "Training Prescription and Programming" on assessment map.

Part 6 - Page 8: Performance Profiling and Testing for Athletes (HSPVB3-15-7)* Change 1: Module name changed from "Performance Assessments and Evaluation for Strength and Conditioning" on assessment map.

Part 6 - Page 8: Skill Acquisition for Strength and Conditioning (HSPVAY-15-7)* Change 1: Module name changes from "Applied Motor Control and Motor Learning for Strength and Conditioning" on assessment map.

Part 6 - Page 8: Postgraduate Industry Placement Experience (HSPVD9-30-7)*

Change 1: Module added along with its assessment.

Part 6 - Page 8: Postgraduate Dissertation (HANVL5-60-7)*

weighting changed: Oral Assessment/Presentation from A20 to A25, Dissertation from A80 to A75.

Material Alteration: Yes and is accompanied by the relevant course information sheets. Rationale:

The changes of module names are twofold. One the revised module names more accurately reflects what the content the module includes as well as the assessment strategies included. Two, the terminology is more specific to strength and conditioning which reflects the CIMSPA Graduate Strength and Conditioning professional standards. Both of these factors will provide greater to clarity to current students undertaking the modules as well perspective new students that view our content online.

The addition of the placement module provides students with a further avenue to develop their applied experiences during their degree. Due to the diversity of theoretical and practical knowledge of the students on the degree the addition of the module will provide those students who are either currently working in industry or have limited experience in industry to gain course credit whilst also furthering their career prospects.

Change requested by: Ben Drury

I can confirm that student representatives have been consulted about this change

- I can confirm that colleagues impacted by this change have been consulted
- I have retained evidence of these consultations, which will be summarized within the Programme Enhancement Report

Signature:

Date: 12/01/2021

Date: 14 01 21

Name of Head of Department: Sarah Lee

I confirm that this change does not require additional resources beyond the scope of those already present or planned for by the department

Signature: Sarah Lee

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Approval Committee and Date:	CVC 2021 02 22
Change approved with effect from:	01 September 2021
Resulting new version number:	6.0 (2021 intake onwards)

Current version number: 3.1

Outline Change Details: Part 1: Title changed to MSc Strength and Conditioning from MSc Applied Strength and Conditioning. Part 2: Adaptation of HEAR information. Part 3: 'Awards' column titles of PG Cert Applied Strength and Conditioning and PG Dip Applied Strength and Conditioning changed to 'Strength and Conditioning' respectively. Part 3: Modules that contribute to PG Cert Strength and Conditioning have been altered to include the new modules. Part 4: Ticked boxes where necessary. Part 4: Included an additional LO C7 [']Critically evaluate current and topical strength and conditioning research practices and practical approaches'. • Part 5: Added in additional information to 'Scheduled Learning' and 'Independent Learning' strategies to reflect industry and independent approach. Part 6: updated to reflect changes to part 3 Part 7: New text included in line with new template Part 8: Deleted in line with new template Material Alteration: Yes and is accompanied by the relevant course information sheets. Rationale: changes made in line with PCR Action Plan Change requested by: Ben Drury / I can confirm that student representatives have been consulted about this change I can confirm that colleagues impacted by this change have been consulted / / I have retained evidence of these consultations, which will be summarized within the Programme Enhancement Report Signature: **Date**: 23/01/2019 Name of Head of Department: Sarah Lee I confirm that this change does not require additional resources beyond the scope of those already present or planned for by the department -to: 22/01/2010

Signature: Silee	Date: 25/01/2019
Approval Committee and Date:	CVC 2019 03 12
Change approved with effect from:	1 September 2019
Resulting new version number:	4.0 (2019 intake)

Version 3.1

Rationale: After the successful application for University Title, amendments were required to all		
specifications.		
Material Alteration: Yes and Course Information Sheet amended appropriately: Not required		
Outline Change Details: 1. Part 1: Basic Data requires the Awarding Body to be amended from Hartpury		
College to Hartpury University.		
Change requested by:	Academic Registrar	
CVC approval date:	31 August 2018	
Change approved with effect from:	01 September 2018	
New version number:	3.1	

Version 2.1 (intake 2017+) Periodic Curriculum Review

Outline Change Details: Update of valid to/from dates.		
Rationale: The Sport Periodic Curriculum Review (PCR) on 2 nd May 2018 confirmed revalidation of the		
programme.		
Change requested by:	PCR 02 May 2018	
PCR approval date:	02 May 2018	
Change approved with effect from:	01 September 2018	

Version 1.1

Outline Change Details: Removal of the requirement to complete module HSPXMV-15-7 Professional Development Portfolio from interim award of PGDip Applied Strength and Conditioning (as compulsory) and typographical corrections.

Rationale: Currently students might be refused a PGDip as an interim award based on the selection of the option module. MSc students have a choice of option modules for their only choice and they should be able to take any of them and achieve this award (they could achieve the MSc without it).

Change requested by:	Stephen Draper
CVC approval date:	13 February 2018
Change approved with effect from:	01 September 2018