

CORPORATE AND ACADEMIC SERVICES

PROGRAMME SPECIFICATION

Part 1: Basic Data			
Awarding Institution	University of the West of England		
Teaching Institution	Hartpury		
Delivery Location	Hartpury		
Faculty Responsible for Programme	Hartpury		
Department Responsible for Programme	Equine		
Modular Scheme Title	Equine		
Professional Statutory or Regulatory Body Links	None		
Highest Award Title	BSc (Hons) Equestrian Sports Science		
Default Award Title	None		
Fall-back Award Title	None		
Interim Award Titles	BSc Equestrian Sports Science DipHE Equestrian Sports Science CertHE Equestrian Sports Science		
UWE Progression Route	None		
Mode(s) of Delivery	Full time/part time		
Codes	UCAS: DC46	JACS: D422	
	ISIS2: DC46	HESA:	
Relevant QAA Subject Benchmark Statements	Agriculture, forestry, agricultural sciences, food sciences and consumer sciences Hospitality, leisure, sports, tourism		
Initial CAP Approval Date	29 May 2014	Revised CAP Approval Date	V5.6- 12 January 2015
			V6.1- 07 July 2016
Valid From	01 September 2013 (2014 entry)		
Review Date	01 September 2021		
Version	6.1		

Part 2: Educational Aims of the Programme

The Equestrian Sports Science programme is a three year full time degree which offers students a unique opportunity to investigate both the human and equine athlete, and enhance their career prospects, fully supported by reputable staff and facilities. This programme will deliver focused and specialist study concentrating on both the horses and the riders performance.

General aims:

The programme will enable students to:

- 1 Develop a knowledge and understanding of equestrian and interdisciplinary sport and exercise concepts theories and approaches.
- 2 Develop an understanding of the scientific principles that govern biological, physical, sociological stressors in an equestrian sports context.
- 3 Provide an applied science programme of study in the field of equine science and sports science underpinned by staff research, consultancy and scholarship.
- 4 Provide an opportunity for undergraduate students to develop and realise their potential.
- 5 Enable students to develop their capacity for critical analytical thought.
- 6 Enable students to develop transferable skills.
- 7 Prepare students for employment and/or further research.
- 8 Provide a highly scientific programme that conforms to University requirements on quality assurance, management and enhancement.

Specific aims:

The specific aims of the programme are to:

- 1 Enable students to develop in depth subject specific knowledge to understand the multidisciplinary area of sports science and apply these principles to equestrian sports.
- 2 Enable students to become involved in new and developing areas of research relating to sports performance and the equestrian athlete.
- 3 Familiarise students with the physical resources and techniques necessary for appraisal and interaction of equine and human athletic performance.
- 4 Demonstrate investigative skills necessary to undertake independent investigations in the area of equestrian sports sciences.

Programme requirements for the purpose of Higher Education Achievement Record (HEAR)

Graduates from the BSc (Hons) Equestrian Sports Science programme will have gained a thorough knowledge of multidisciplinary areas of sports science and will be able to apply this specifically in an equestrian context. From this programme, students will be able to not only apply their knowledge to the horse and rider, but also to wider sporting disciplines and will be able to progress to careers in both equestrian sports and general sporting sectors.

Students will have been required to pass core modules that contain information on human and equine anatomy and exercise physiology, nutrition, and research methods. Students will have also completed an independent scientific investigation. In addition to these core subject areas, equestrian sports science students will have undertaken modules that specifically investigate equestrian sport and the development of research on both the horse-rider and equine athletes which is unique to this programme. Optional modules include a variety of multidisciplinary subject areas such as equitation science, fitness and conditioning, human and equine therapy, and sports psychology.

Learning Outcomes:		Equine Functional Anatomy	Introduction to Functional Anatomy and Sports	Introduction to Equestrian Sports	Equitation	Introduction to Sport and Exercise Psychology	Animal Nutrition	Equine Exercise Physiology	Horse and Rider Performance	Undergraduate Research Process	Advanced Equitation	Fitness Training and Testing	Exercise Physiology	The Injured Athlete	Soft Tissue Techniques	Equine Nutrition	Equine Diagnostics and Therapy	Equine Biomechanics	Sport Psychology	Sports Nutrition	International Academic Study Portfolio	International Academic Study Project	International Academic Study Extended Project	Undergraduate Dissertation	Advances in Horse and Rider Performance	Contemporary Issues in Equestrian Sport	Equine Nutrition for Performance	Applied Sport and Exercise Physiology	Performance Analysis	Undergraduate Independent Study	Equine Therapy and Rehabilitation	Equine Sports Medicine	Sports Injury Assessment	Injury Prevention and Rehabilitation	Sport Psychology in Action	Contemporary Practice in Sports Conditioning			
6	Demonstrate subject specific skills through the application of appropriate statistical, analytical and evaluating techniques to data in order to draw justified conclusions.	√	√	√	√	√	√	√	√	√	√	√	√	√	√						√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√			
7	Exhibit knowledge of physiology and nutrition relative to human and equine performance ability.	√				√		√				√	√		√					√	√	√	√	√		√				√	√	√	√	√	√	√			
8	Make judgments on the analysis of the horse and rider in order to monitor and enhance performance within a given role.			√			√	√													√	√	√	√	√		√							√	√	√	√		
9	Principles of human sports massage.													√							√	√	√	√	√									√	√	√	√		
(D) Transferable skills and other attributes																																							
1	Communicate effectively with a wide range of individuals using a variety of means.	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
2	Evaluate his/her own academic, vocational and professional performance.	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
3	Utilise problem-solving skills in a variety of theoretical and practical situations.	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
4	Manage change effectively and respond to changing demands.	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
5	Take responsibility for independent personal and professional learning and development (Personal Development Planning).	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
6	Manage time, prioritise workloads and recognise and manage personal emotions and stress.	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
7	Understand career opportunities and challenges ahead and begin to plan a career path.			√												√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	

Learning Outcomes:		Equine Functional Anatomy	Introduction to Functional Anatomy and Sports	Introduction to Equestrian Sports	Equitation	Introduction to Sport and Exercise Psychology	Animal Nutrition	Equine Exercise Physiology	Horse and Rider Performance	Undergraduate Research Process	Advanced Equitation	Fitness Training and Testing	Exercise Physiology	The Injured Athlete	Soft Tissue Techniques	Equine Nutrition	Equine Diagnostics and Therapy	Equine Biomechanics	Sport Psychology	Sports Nutrition	International Academic Study Portfolio	International Academic Study Project	International Academic Study Extended Project	Undergraduate Dissertation	Advances in Horse and Rider Performance	Contemporary Issues in Equestrian Sport	Equine Nutrition for Performance	Applied Sport and Exercise Physiology	Performance Analysis	Undergraduate Independent Study	Equine Therapy and Rehabilitation	Equine Sports Medicine	Sports Injury Assessment	Injury Prevention and Rehabilitation	Sport Psychology in Action	Contemporary Practice in Sports Conditioning
8	Information management skills, eg IT skills.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Undertake an independent research project.																				✓	✓	✓	✓		✓	✓									

Part 4: Student Learning and Student Support

Teaching and learning strategies to enable learning outcomes to be achieved and demonstrated

At UWE, Bristol there is a policy for a minimum average requirement of 12 hours/week contact time over the course of the full undergraduate programme. This contact time encompasses a range of face-to-face activities as described below. In addition a range of other learning activities will be embedded within the programme which, together with the contact time, will enable learning outcomes to be achieved and demonstrated.

On the BSc (Hons) Equestrian Sports Science programme, teaching is a mix of scheduled and independent sessions with an emphasis on supporting development of autonomous learning. Students will be expected to engage in a significant amount of independent study during this programme.

Scheduled learning

Includes lectures, seminars, tutorials, project supervision, demonstration, practical classes and workshops; fieldwork; external visits; work based learning; supervised time in studio/workshop. Scheduled sessions may vary slightly depending on the module choices made.

Independent learning

Includes hours engaged with essential reading, case study preparation, assignment preparation and completion etc. Scheduled sessions may vary slightly depending on the module choices made. Although there is no period of compulsory work placement within this programme, students will be given opportunities to engage in valuable industry experiences throughout their programme.

Virtual Learning Environment (VLE)

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.

International Academic Study

Within this programme there is an opportunity to gain academic credit for a period of studying abroad. The student would be supported to identify an opportunity of interest, which may be with established College partners or by individual arrangement. All periods of study abroad would have to meet the College's requirements before enrolment on the International Academic Study opportunity modules.

Careers

To support learner's career preparations, careers personnel visit Hartpury on a regular basis and the students can use all the careers on line resources. Tutors will also offer subject specific careers advice through module sessions or individual tutorials. Careers Fairs are arranged periodically to allow students to engage directly with employers from the industry sector.

Description of any Distinctive Features

The purpose of the programme is to provide a balanced vocational and academic study that is intellectually challenging, vocationally relevant, and provides a foundation for pursuing a career within the equine and sport industries. The programme has been designed to build on the competencies of a wide spectrum of students who should be capable of taking up appropriate positions of responsibility within the varied range of enterprises to be found operating within the equine and sport industries. It considers the horse and rider as an athletic partnership and as such there are modules in human and equine sports science.

In the Honours degree programme, academic knowledge and understanding will reinforce and support the development of practical skills to equip the student with the knowledge base and skills relevant to their employment and to the needs of employers. Core modules in level 1 provide the student with a basic understanding of science and anatomical concepts as well as developing investigative skills for research. This knowledge is expanded in the subsequent modules at level 2 with the option modules enabling the student to specialise in areas of particular interest to them.

The programme prepares graduates for the future needs of the equine sporting industry in the UK and abroad, the nature of the academic programmes gives students the opportunity to work within the industry during vacation periods which will be encouraged to add to their personal vocational and practical skills in addition to knowledge base.

This programme is distinctive in many features. It allows students to study sports science whilst considering equestrian sports their specialism. This unique design is facilitated by both equine and sport science staff that are actively researching performance subject areas supported by world class facilities. The facilities available to support the students learning and teaching experiences include a state of the art human performance laboratory, extensive sporting facilities (including the sports academy, power gym, multiple pitches, a sports rehabilitation suite, and cross training gyms) and expertise in all areas of human sports performance. In addition to this, unlike many sports science programmes, equestrian sports scientists will also have access to extensive world class equestrian facilities (Indoor Championship Equine Arena, Hartpury Equine Therapy Centre, three indoor and outdoor arenas, stabling for over 230 horses including 125 boxes for student DIY livery) both personally and as part of teaching facilities on this programme. The strength of the sport and equine facilities available to equestrian sports science students make this programme a unique learning experience for students who wish to study sports science and specialise in equestrian disciplines.

Overall, the programme combines the development of knowledge via teaching, research and practical skills, to develop a graduate who can make an effective contribution to the equine and sporting industries. It is hoped that the balance of skills developed on this applied science programme.

This programme offers the opportunity for students to undertake an approved Exchange Programme, for an agreed period (one/two semesters), of overseas study at a higher education institution studying modules appropriate to their programme aims and which have been pre-approved by the Programme Manager. The Exchange Programme is dependent on an approved agreement between Hartpury College and an approved International Institution for BSc (Hons) Equestrian Sports Science.

Part 5: Assessment

Approved variant to University [Academic Regulations and Procedures](#)

Assessment Strategy

Assessment strategy to enable the learning outcomes to be achieved and demonstrated:

Module assessments are designed to apply the knowledge and experience gained from a wide range of learning opportunities to a real world context using a range of skills.

In line with the College's commitment to facilitating equal opportunities, a student may apply for alternative means of assessment if appropriate. Each application will be considered on an individual basis taking into account learning and assessment needs. For further information regarding this please refer to the VLE.

Assessment Map

The programme encompasses a range of **assessment methods** including; essays, posters, presentations, written examinations. These are detailed in the following assessment map:

Assessment Map for BSc (Hons) Equestrian Sports Science

		Type of Assessment*									
		Unseen Written Exam	Open Book Written Exam	In-class Written Test	Practical Exam	Practical Skills Assessment	Oral assessment and/or presentation	Written Assignment	Report / Project	Dissertation	Portfolio
Compulsory Modules Level 1	Equine Functional Anatomy	A (40)									B (60)
	Introduction to Functional Anatomy and Sports Biomechanics						A (50)				B (50)
	Introduction to Equestrian Sports		A (50)					B (70)			
	Equitation	A (50)						B (50)			
	Introduction to Sport and Exercise Psychology	A (50)						B (50)			
	Animal Nutrition	A (50)						B (50)			
Compulsory Modules Level 2	Equine Exercise Physiology	A (36)					A (24)	B (40)			
	Horse and Rider Performance							A (100)			
	Undergraduate Research Process							A (100)			
Optional Modules Level 2	Advanced Equitation	A (50)						B (50)			
	Fitness Training and Testing	A (50)			B (50)						
	Exercise Physiology	A (50)						B (50)			
	The Injured Athlete		A (100)								
	Soft Tissue Techniques	A (30)			B (70)						
	Equine Nutrition	A (100)									
	Equine Diagnostics and Therapy	A (75)		A (25)							
	Equine Biomechanics		A (50)					B (50)			
	Sport Psychology										A (100)
	Sports Nutrition	A (40)						B (60)			
Compulsory Modules Level 3	Undergraduate Dissertation									A (100)	
	Advances in Horse & Rider Performance						A (60)	B (40)			
Optional Modules Level 3	Contemporary Issues in Equestrian Sport						B (25)	B (75)			
	Equine Nutrition for Performance	A (100)									
	Applied Sport and Exercise Physiology						A (100)				
	Performance Analysis							A (100)			
	Undergraduate Independent Study								A (100)		
	Equine Therapy and Rehabilitation		A (100)								
	Equine Sports Medicine	A (50)						B (50)			
	Injury Prevention and Rehabilitation						A (50)	B (50)			
	Sports Injury Assessment									A (100)	

		Type of Assessment*									
		Unseen Written Exam	Open Book Written Exam	In-class Written Test	Practical Exam	Practical Skills Assessment	Oral assessment and/or presentation	Written Assignment	Report / Project	Dissertation	Portfolio
	Sports Psychology in Action							A (100)			
	Contemporary Practice in Sports Conditioning										A (100)
<p>*Assessment should be shown in terms of either Written Exams, Practical exams, or Coursework as indicated by the colour coding above.</p>											

Part 6: Programme Structure

This structure diagram demonstrates the student journey from Entry through to Graduation for a typical **full time student**, including:

- 1 level and credit requirements
- 2 interim award requirements
- 3 module diet, including compulsory and optional modules

ENTRY		Compulsory Modules	Optional Modules	Interim Awards
↓	Year 1	Equine Functional Anatomy (UIEXN8-30-1) Introduction to Functional Anatomy and Sports Biomechanics (UISXL8-30-1) Introduction to Equestrian Sports (UIEXN7-30-1) Equitation (UIEXN6-15-1) Introduction to Sport and Exercise Psychology (UISXLE-15-1) Animal Nutrition (UINXK5-15-1)		<u>Cert HE Equestrian Sports Science</u> Requirements: 120 credits at level 0 or above of which not less than 100 are at level 1 or above. <u>DipHE Equestrian Sports Science</u> Credit Requirements: 240 credits at level 0 or above of which not less than 210 are at level 1 or above and not less than 90 at level 2 or above.
	Year 2	Equine Exercise Physiology (UIEXRG-30-2) Horse and Rider Performance (UIEXRH-30-2) Undergraduate Research Process (UINXU5-15-2)	Students are normally required to select 45 credits from the optional modules listed below: Advanced Equitation (UIEXR5-15-2) Fitness Training and Testing (UISXRU-15-2) Exercise Physiology (UISXSB-15-2) The Injured Athlete (UISXSD-15-2) Soft Tissue Techniques (UISXSC-15-2) Equine Nutrition (UIEXRC-15-2) Equine Diagnostics & Therapy (UIEXR9-15-2) Equine Biomechanics (UIEXR8-15-2) Sport Psychology (UISXRV-15-2) Sports Nutrition (UISXS9-15-2) International Academic Study Portfolio (UINXRP-15-2) International Academic Study Project (UINXRQ-30-2) International Academic Study Extended Project (UINXRR-45-2)	<u>BSc Equestrian Sports Science</u> Credit Requirements: 300 credits at level 0 or above of which not less than 270 are at level 1 or above, not less than 150 at level 2 or above and not less than 60 at level 3 or above. TARGET AWARD <u>BSc (Hons) Equestrian Sports Science</u> Credit Requirements: 360 credits at level 0 or above of which not less than 300 are at level 1 or above, not less than 210 are at level 2 or above and not less than 90 at level 3 or above.
	Year 3	Undergraduate Dissertation (UINV3R-45-3) Advances in Horse and Rider Performance (UIEV4G-30-3)	Students are normally required to select 45 credits from the optional modules listed below: Contemporary Issues in Equestrian Sport (UIEV4H-15-3) Equine Nutrition for Performance (UIEV4M-15-3) Applied Sport and Exercise Physiology (UISV3T-15-3) Performance Analysis (UISV45-15-3) Undergraduate Independent Study (UINV3M-15-3) Equine Therapy and Rehabilitation (UIEV4P-15-3) Equine Sports Medicine (UIEV4N-15-3) Injury Prevention and Rehabilitation (UISV3X-15-3) Sport Psychology in Action (UISV4A-15-3) Contemporary Practice in Sports Conditioning (UISV3W-15-3) Sports Injury Assessment (UISV4D-15-3)	
GRADUATION				

Part Time:

There are a number of routes that a part time student can take to graduate, this can be done depending on student requirements, hence production of a specific map will depend on an individual student basis.

Part 7: Entry Requirements

The University's Standard Entry Requirements apply with the following additions/exceptions*:

Applicants must provide evidence which demonstrates to the University's satisfaction that they can benefit from study at honours degree level and are likely to achieve the required standard. Applicants will have achieved five subjects including English, Mathematics and Science at GCSE grades A-C, or equivalent and current UCAS Tariff Points, or equivalent. Applicants will have achieved tariff points as appropriate for the year of entry, which for the academic year 2013/14 was 280 tariff points.

We also welcome applicants from a diverse range of backgrounds who do not have the entry requirements outlined above. The university will consider applicants on the basis of evidence of personal, professional and educational experience which indicates an applicant's ability to meet the demands of an undergraduate degree programme. Applicants with non-standard entry criteria will be reviewed on an individual basis. This will take the form of an individual interview with members of the programme team and possibly the completion of a set task such as a written assignment.

Applicants whose first language is not English must also gain a minimum IELTS score of 6.0 prior to entry onto the programme.

Part 8: Reference Points and Benchmarks

QAA Subject Benchmark Statements:

Agriculture, Forestry, Agricultural Sciences, Food Sciences and Consumer Sciences; Hospitality, Sport, Leisure and Tourism

Relevant QAA subject Benchmark Statements have informed the characteristics of the subject matter and curriculum development of the programme, the programme learning outcomes and the attributes that a graduate of this programme should be able to demonstrate.

Code of Practice for the Assurance of Academic Quality and Standards in Higher Education: Placement Learning (QAA UK Quality Code)

Has been used to define the minimum level of achievement that students need to achieve to succeed on this programme and achieve the qualification. It has also been used to inform the academic quality of the programme and enhance the quality of the learning opportunities and the assessment methods used to measure achievement on the programme.

The Framework for Higher Education Qualifications in England Wales and Northern Ireland (QAA 2008)

Has been used to ensure that the programme develops students and ensures they meet level 6 criteria ensuring that students are able to evaluate evidence, arguments and assumptions, to reach sound judgements and communicate them effectively.

University Teaching and Learning Policies: University of the West of England Learning and Teaching Strategy (2020)

Have been used to ensure that the quality of learning, teaching and assessment on this programme adheres to the university's frame work of academic regulations, procedures and working practices that enable the assurance of academic standards. The University's Policy on Word Count has also been used to inform the assessment strategy stated in Part 5 of this document and is detailed on the module descriptors.

University of the West of England 2020 Strategy

Has been used in designing this programme to ensure that the programme is: learning-centred; underpinned by sound health and safety practices and informed by research and professional practice; inclusive, flexible and accessible, exemplified in particular by the part-time and accelerated study routes; and, provides a diverse assessment diet. Furthermore, the programme aims to produce graduates who: know and value themselves as open-minded, reflective and inter-dependent learners, and participants, employees, self-employed professionals and entrepreneurs in global settings and as global citizens; and, reflect on their own learning and practice, who value others as collaborators in their learning and its exchange.

Assessment within the programme: is an integral part of a dynamic learning and teaching process and not separate from it; plays a key part in the rigorous setting and maintaining of academic standards; provides all students with the entitlement to parity of treatment; makes no distinction between different modes of study;

ensures that progression is achieved by credit accumulation and the completion of pre-requisites and co-requisites; recognises different module learning in different forms of assessment; and, affords students the maximum opportunity to demonstrate their knowledge, skills, competencies and overall strengths through a variety of assessed activities.

Teaching, Learning and Scholarship Strategy

Has been used in designing this programme to ensure that the programme is underpinned by the five key principles which aim to enhance the student experience across the Associate Faculty. This programme will provide a high quality experience through a focus on student progression and achievement, academic currency and relevance, innovative delivery and assessment and feedback delivered by appropriately qualified staff who undergo Continuing Professional Development (CPD) that is linked to the UK Professional Standards Framework. The programme team will encourage and support individuals from diverse backgrounds and cultures to enable them to enter higher education and fulfil their potential. The programme adopts a fully integrated and collaborative approach to preparing students for future graduate level employment and to foster the inquiring mind-set, which will ultimately support lifelong learning for the benefit of both the graduate and wider society. The programme promotes an active scholarship culture that incorporates the scholarship of discovery, integration, application and inquiry-based learning that will transform students' understanding of knowledge and research. Students will be encouraged to develop knowledge exchange partnerships by fostering connections with each other as well as local businesses and other community partners.

Professional and Vocational Interaction: Field of Equine Science Vocational Panel Meetings

Field of Equine Vocational Panel meetings involve discussions about the purpose of the programme, its distinctiveness as a programme and the skills and knowledge needed to ensure the programme is current and relevant to employers.

What methods have been used in the development of this programme to evaluate and improve the quality and standards of learning?

Feedback about the current programme development has been gathered from current students, graduates and liaison with subject area teams. Vocational panels have been held for this programme as part of the equine subject review in 2010/2011.

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 he/she takes 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 in module specifications, available on the [University's website](#).