uwe hartpury

Programme Specification

2010 Intake

Section 1. Basic Data:

Awarding institution/body	University of the West of England
Teaching institution	Hartpury College
Faculty responsible for programme	Hartpury
Programme accredited by	
Highest award title	BSc (Hons) Equestrian Sports Science
Default award title	
Interim award title	BSc Equestrian Sports Science DipHE Equestrian Sports Science CertHE Equestrian Sports Science
Modular Scheme title	Undergraduate Modular Scheme, Hartpury College
UCAS code	BUWE B80 DC46A
Relevant QAA subject benchmarking group(s)	Agriculture, forestry, agricultural sciences, food sciences and consumer sciences
On-going	
Valid from (insert date if appropriate)	**March 2011**

Authorised by: Rosie Scott Date: March 2011

Version Code

5.0

Section 2. Educational aims of the programme:

- Provide an opportunity for undergraduate students to develop and realise their potential;
- Provide an applied science programme of study in the field of equine science underpinned by staff research, consultancy and scholarship;
- Enable students to develop their capacity for critical analytical thought;
- Enable students to develop in depth their subject specific knowledge and transferable skills;
- Enable students to become involved in new and developing areas of research relating to sports performance and the equine athlete;
- Familiarise students with the physical resources and techniques necessary for appraisal of equine and human athletic performance;
- Prepare students for employment and/or further research;
- Provide a highly scientific programme that conforms to University requirements on quality assurance, management and enhancement.

Section 3. Learning outcomes of the programme:

The programme provides opportunities for students to develop and demonstrate knowledge and understanding, qualities, skills and other attributes in the following areas:

A. Knowledge and understanding of:	**Teaching/learning methods and strategies:**
By the conclusion of their studies, all students of the programme will have acquired: 1. A working understanding, and a critical awareness of problems and/or new insights in the arena of equine sports science including issues pertaining to professional practice including core areas: a. Equine Exercise Physiology b. Equine Anatomy and Physiology c. Sports Science d. Sports Nutrition and Drugs e. Statistics and Research Methods f. Equine Sports Medicine g. Veterinary Science 2. A comprehensive understanding of techniques applicable to research in the area of equine sports science leading to potential publication or advanced scholarship; 3. An innovative and individual approach to the application of knowledge gained during the programme, together with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in science disciplines.	Students will engage in *active learning* through: • Lectures (A1-A3); • Field and laboratory based practicals (A1-A3); • Visits (A1); • Demonstrations (A1-A3); • Tutorials (A1-A3); • Seminars (A1, A2); • Group work (A1-A3); • Role play (A1); • Interactive learning through the world wide web (A1, A2). These methods provide the opportunities for students to develop additional skills and key transferable skills considered to be so important by employers and society: • Communication skills demonstrated through effective oral and written communication; • Problem solving in complex contexts; • Interpersonal skills in working together and collaborating in a team; • Numerical skills; • IT skills. Throughout the programme the learner is encouraged to undertake independent reading both to supplement and consolidate what is being taught/learnt and to broaden their individual knowledge and understanding of the subject. Learners will be required to attend regular tutorials with their allocated academic tutor throughout the academic year.

B. Intellectual Skills:	**Teaching/learning methods and strategies:**
On successful completion of the programme, all students should be able to: 1. Seek, identify, describe and interpret appropriate information relating to human and equine sports science; 2. Critically appraise evidence in the underpinning of arguments; 3. Apply sound and justified theoretical knowledge to novel situations 4. Design, critique and analyse information to test a scientific hypothesis relating to the field of equine sports science; 5. Use statistical means to support arguments and to investigate theories relating to equine sports science; 6. Demonstrate confidence in analysing current situations, identifying strengths and weaknesses and developing an alternative strategy; 7. Debate and analyse key issues within equine science in relation to advances on fundamental principles, using evidence to support the analysis;	Intellectual skills are developed through the use of lectures and related support materials, seminars, practicals, web-based learning, case studies and problem-based learning which are all based on a range of evidence appropriate to specific modules of study and in the wider context of work-related study. Experimental, research and design skills are further developed through coursework activities, laboratory experiments and research and design projects. Individual feedback is given to students on all work produced. **Assessment** The assessment strategy for intellectual skills is intended to: • consolidate learning; • ensure appropriate feedback; • strengthen motivation; • develop analytical skills; • encourage reflection on theoretical, practical and work related learning. The programme is monitored to ensure that assessment in modules: • is in relation to outcomes made explicit to students; • is based upon the range of strategies through which a student can demonstrate what he or she knows, understands or can do; and; • is based on a range of evidence appropriate to the activity. A variety of assessment methods is employed. The learner's ability to demonstrate the skills outlined for each level is tested though written assignments, written examinations, practical examinations, oral examinations and media based presentations. Experimental, research and design skills are assessed through project reports, presentations, formal project proposals and individual dissertation submission.

C. Subject/Professional/Practical Skills:	**Teaching/learning methods and strategies:**
On successful completion of the programme, all students should be able to*: 1. demonstrate basic skills in laboratory protocols and procedures; 2. discuss the key principles relating to human and equine functional anatomy; 3. show evidence of understanding relating to the key body functions and systems that can be taken forward to underpin specific knowledge in further areas of study; 4. develop a mind set that allows the integration of general exercise physiology principles to the field of equine sports science; 5. apply pre-existing knowledge to the study of the exercising equid; 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 equid in order to monitor and enhance performance within a given role; (* based on core modules on the programme, further skills would be achieved through the available option modules)	Subject skills are developed and applied through formal teaching, practical teaching, seminars, tutorials, demonstrations, videos and workshops. Students build on core lecture material and implement the practical skills through experiential learning. Professional skills are developed during lectures, group work and discussion sessions, and practical sessions utilising on-site facilities. **Assessment** Professional and practical skills are assessed through a variety of appropriately tailored coursework and examination mediums; including written, oral, case study and presentation examinations.

D. Transferable skills and other attributes:	**Teaching/learning methods and strategies:**
Graduates will have obtained the qualities and transferable skills necessary for employment or postgraduate study including: 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 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; 8. Information management skills, eg IT skills.	The programme has been designed to ensure that the qualities and transferable skills stated in "the Framework for Higher Education Qualifications in England, Wales and Northern Ireland (QAA 2001)" are both taught and assessed in various modules. A transferable skills matrix has been produced to demonstrate where these skills have been integrated into the modular scheme and can be seen in section 4.

Section 4. Programme structure

ENTRY ↓		Compulsory modules	Option modules	Interim awards
	Level 1	UIE VAQ-20-1: Functional Anatomy of Equine Locomotion UIN XGD-20-1: Animal Nutrition UIS XNC-20-1: Introduction to Exercise Physiology UIS XNF-20-1: Fundamental Skills for Sport and Exercise Scientists UIE VAR-10-1: Equine Systems	UIE VAA-20-1: Equine Veterinary Science UIE XAB-20-1: Equitation UIE XAD-10-1: Equine Industry UIS XNN-20-1: Introduction to Sport and Exercise Psychology UIS XNE-20-1: Introduction to Sports Biomechanics UIS VNA-20-1: Coaching Theory	CertHE Equestrian Sports Science Credit requirements: Requirements: 120 credits at level 0 or above of which not less than 100 are at level 1 or above
	Level 2	UFM EFE-20-2: Statistics & Research Methods UIE XBB-20-2: Equine Exercise Physiology UIE XBG-10-2: Applied Equine Nutrition UIE XBS-20-2: Horse & Rider Performance 1	UIE XBF-10-2: Equine Biomechanics UIE XBM-10-2: Equine Therapy 1 UIE XBT-10-2: Equitation Theory UIS XPA-20-2: Principles of Strength and Conditioning UIS XPD-20-2: Sports Psychology UIS XPC-20-2: Sports Nutrition & Drugs	DipHE Equestrian Sports Science Credit Requirements: Requirements: 240 credits at level 0 or above of which not less than 220 are at level 1 or above and not less than 100 at level 2 or above
	Level 3	UIE XCA-20-3: Equine Sports Medicine UIN XJH-40-3: Dissertation UIS XQD-20-3: Sports Science for Coaches	UIE XCC-10-3: Ethology, Ethics & Welfare UIE XCD-20-3: Analysis of Equestrian Sports UIE XCE-10-3: Equine Therapy 2 UIN XJA-10-3: Independent Study UIS XQF-20-3: Applied Strength and Conditioning UIE XCL-10-3: Equine Nutrition for Performance UIE XCM-10-3: Horse & Rider Performance 2 UIS XQL-20-3: Sports Conditioning in Practice	BSc Equestrian Sports Science Requirements: 300 credits at level 0 or above of which not less than 280 are at level 1 or above, not less than 160 at level 2 or above and not less than 60 at level 3 or above **Target award** BSc (Hons) Equine Sports Science Credit Requirements: 360 credits at level 0 or above of which not less than 340 are at level 1 or above, not less than 200 are at

		UIS XKJ-10-3: International Study Reflection	level 2 or above and not less than100 at level 3 or above

→ GRADUATION

Institution-wide language programme (ILP) module is also validated as part of this programme.

Section 5. Entry requirements:

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 level and either 220-260 UCAS Tariff Points or 24 International Baccalaureate points (both to include a science subject and/or physical education and/or sports science) or equivalent.

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.

Section 6. Assessment Regulations:

University Assessment Regulations

Section 7. Student learning: distinctive features and support:

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. Equine Sports Science students at level 1 and III are taught by subject specialists who have had experience in equine and sport industry. Whilst the majority of modules are co-taught with other students, providing opportunity for discussion, there are specialist modules available at levels 2 and 3.

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.

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 will also enable graduates to gain employment in other occupational areas, if they so wish.

Section 8. Reference points/benchmarks:

QAA Subject Benchmark Statements:

- Agriculture, Forestry, Agricultural Sciences, Food Sciences and Consumer Sciences;
- Hospitality, Sport, Leisure and Tourism;
- Code of Practice for the Assurance of Academic Quality and Standards in Higher Education: Placement Learning (QAA 2001);
- The Framework for Higher Education Qualifications in England Wales and Northern Ireland (QAA 2001) Foundation Degree QAA document

Other relevant reference points:

- University Teaching and Learning Policies: University of the West of England Learning and Teaching Strategy (2001)
- University Work-Based Learning Policy: University of the West of England Work-Based Learning Policy (2004)
- Professional and Vocational Interaction: Field of Equine Science Vocational Panel Meetings

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. These are available on the University Intranet.

Programme monitoring and review may lead to changes to approved programmes. There may be a time lag between approval of such changes/modifications and their incorporation into an authorised programme specification. Enquiries about any recent changes to the programme made since this specification was authorised should be made to the relevant Faculty Administrator.