

Programme Specification

Part 1: Basic Data			
Primary Programme Title	Postgraduate Diploma in Applied Equine Science		
Target Award Titles	Mode and Typical Duration of Study	Professional Accrediting Body Links	Study Abroad / Exchange / Credit Recognition
Postgraduate Diploma in Equine Science	Full time, 1 year Part time, 2 years	None	None
Interim Award Titles	Postgraduate Certificate in Equine Performance and Rehabilitation Postgraduate Certificate in Equine Behaviour and Welfare Postgraduate Certificate in Equine Science		
Teaching Delivery Method	On-site		
Awarding Institution	Hartpury University		
Teaching Institution	Hartpury University		
Delivery Location	Hartpury		
Department Responsible for Programme	Equine		
Unit-E Code	PGDEESXX		
Entry Criteria Information	Applicants will have achieved entry criteria appropriate for the stage of entry, which can be found through the Hartpury website (www.hartpury.ac.uk).		
Most Recent Validation Date	21 March 2022	Due for Re-validation By	01 September 2027
Amendment Approval Date		Approved With Effect From	01 September 2022
Professional Accrediting Body Approval Date	None	Date for Re-accreditation	N/A
Version	3.0		

Part 2: Programme Overview

Graduates of the Postgraduate Diploma in Applied Equine Science can apply systematic knowledge of key research based subject areas to maximise performance, enhance career longevity or aid in selection of the performance horse, with a core goal of optimising the horse's welfare. Graduates are familiar with the physical resources and techniques necessary to critically evaluate the impact of both endogenous (internal) and exogenous (external) factors on equine athletic performance and welfare. The depth of knowledge and transferable skills that the graduate for this programme have gained have prepared them for employment and/or further research within and outside of the equine industry.

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
HEQV6Y-15-7 Investigating Equestrian Research ⁺	HANVL4-15-7 Postgraduate Independent Study	<u>Postgraduate Certificate in Equine Science</u>
HEQVN6-15-7 Equine Management for Optimal Performance and Welfare ⁺	HEQXKR-15-7 Rider Performance	<u>Postgraduate Certificate in Equine Behaviour and Welfare</u> This must include HEQVJT-15-7 Equine Behaviour; and; HEQVN6-15-7 Equine Management for Optimal Performance and Welfare
HEQVJN-15-7 Developing a Sustainable Equine Industry	HEQVJH-15-7 Applied Equine Exercise Physiology	<u>Postgraduate Certificate in Equine Performance and Rehabilitation</u> This must include HEQVJH-15-7 Applied Equine Exercise Physiology; HEQXKS-15-7 Therapy and Rehabilitation of the Equine Athlete; HEQVPV-15-7 Advances in Equestrian Biomechanics
	HEQXKS-15-7 Therapy and Rehabilitation of the Equine Athlete	
	HEQVJT-15-7 Equine Behaviour	
	HEQVPV-15-7 Advances in Equestrian Biomechanics	
	HANXKT-15-7 The Research Process	<u>Postgraduate Diploma in Applied Equine Science</u> 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.

	Investigating Equestrian Research	Equine Management for Optimal Performance and Welfare	Developing a Sustainable Equine Industry	Postgraduate Independent Study	The Research Process	Rider Performance	Applied Equine Exercise Physiology	Therapy and Rehabilitation of the Equine Athlete	Equine Behaviour	Advances in Equestrian Biomechanics
Learning Outcomes:										
A) Knowledge and Understanding of:										
1. Problems and/or new insights in the field of equine science.	A	B	A	A	B					
2. Techniques applicable to research in the area of equine science leading to potential publication or advanced scholarship.	A			A	B		B		A	B
3. How established techniques of research and enquiry are used to create and interpret knowledge in science disciplines.	B		B	A	A	B		A	B	B
4. The ethical and sustainable impact of in practice protocols within the equine industry		A	A				A			
5. The diversity of the stakeholders involved in the equine industry	A	A	A			A		B		B
B) Intellectual Skills										
1. Critical evaluation of current research in the area of equine science.	A	B		A	A	A	B	A		A
2. Analysis and resolution of complex problems relating to equine science							A	A		A
3. Synthesis of information from a number of sources to gain a coherent understanding of theory and practice		A	B	A	A	B	B	A		

4. Application of strategies for appropriate selection of relevant information from wide bodies of knowledge	A		B	A	A			B		
5. Effective utilisation of problem-solving skills	A		A	B		B			B	A
6. Critical analysis, evaluation and interpretation of evidence underpinning equine science to initiate appropriate changes in practice	A	A	A	A	B			B	B	A
C) Performance and Practice										
1. Make judgements on the ethics of different management regimes designed to enhance performance	B	A	A	B				B		
2. Develop methods for assessing the efficacy of management regimes at maximum equine performance	B	A	B				A	A	B	A
3. Utilise principles from animal science to inform equine science and show a critical awareness of their limitations		B	B	A	B				A	
4. Critique established protocols and propose justified alternatives in equine management to enhance future practice	A	A	A	B	B				A	
5. Assess, and advise others, on the potential impact of changes to legislation and policy within the equine industry	B	A	B						B	
D) Setting, Personal and Enabling Skills										
1. Communicate effectively with a wide range of individuals from diverse backgrounds, using a variety of means.	A	A	A			A			B	A
2. Utilise problem-solving skills in a variety of theoretical and practical situations.	A	A	A	B		B		B	B	A
3. Take responsibility for independent personal and professional learning and development.	B	B	A	A	B		B		B	A
4. Manage time, prioritise workloads and consider personal emotions and well-being.	B	B	A	A	B		B	B	B	
5. Utilise information management skills, e.g., IT skills.	A			A	B		B		B	A

Part 5: Learning, Teaching and Assessment

Learning, Teaching and Assessment Journey:

The programme will expand on students' understanding of the theoretical aspects of equine science, but with an emphasis on the application of these areas in the practical setting, for example, within the core module Equine Management for Optimal Performance and Welfare. Students will have the opportunity to apply this understanding throughout a range of modules embedded within the programme, including, but not limited to, Equine Behaviour, and Advances in Equestrian Biomechanics. In addition, they will learn the principles of managing change and understanding the broader equine industry. Throughout modules incorporated within the programmes. Students will be facilitated in applying this knowledge to the context of managing the balance of performance, health and welfare; including the contemporary concept of a social licence to operate.

The Postgraduate Diploma will use a range of teaching approaches, which will aim to support the student to develop a comprehensive knowledge and understanding of the scientific principles and practices used within the equine industry. This will include a variety of didactic and discursive sessions, with academic and professional experts in their fields. Learning opportunities will be varied, with students able to apply theory to practice within learning environments on the Hartpury campus and using Hartpury's equestrian resources. Students will be required to assimilate complex theories and concepts to solve real world problems and advance current scientific thinking. Engagement with staff research currently undertaken within the institution will further these skills, with a focus on publication in peer reviewed literature and conference attendance.

Assessment throughout the programme is focused on the students' ability to apply theoretical frameworks and scientific evidence to practical issues, scenarios and contexts directly relevant to the applied field of Equine Science; particularly in relation to enhancing performance and welfare of the horse, and sustainability of the equine industry. As such, variety of assessment strategies are employed across the programme to test their in-depth understanding of these frameworks and their ability to use this information to problem solve and then communicate these solutions to a variety of academic and stakeholder audiences. Chosen assessment strategies are appropriate to the applied nature of the individual subjects, their respective stakeholders and their industry application. Specific approaches include, but are not limited to, video production, webinar delivery, written tests, oral presentations, research reports and more traditional assignments.

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.

The distinctive module used by the Programme Examination Board to inform recommending differential awards for students when considering borderline performance profiles will be
Equine Management for Optimal Performance and Welfare.

Professional Accrediting Body documents to which this programme is mapped and or aligned: None

Assessment Map									
		Type of Assessment*							
		Coursework	Report	Portfolio	Written Examination	Written Test	Practical Skills Examination	Practical Skills Assessment	Oral Assessment
Core Modules Stage	Investigating Equestrian Research	A (100) Coursework							
	Equine Management for Optimal Performance and Welfare								A (100) Poster Defence
	Developing a Sustainable Equine Industry		A (100) Case Study Report						
Optional Modules Stage	Postgraduate Independent Study		A (100) Literature Review						
	The Research Process	B (70) Coursework							A (30) Oral Presentation with Questions
	Rider Performance								A (100) Oral Presentation with Questions
	Applied Equine Exercise Physiology					A (100) Test			
	Therapy and Rehabilitation of the Equine Athlete				A (100) Case Study Written Examination				
	Equine Behaviour		A (100) Project Report						
	Advances in Equestrian Biomechanics		A (100) Project Report						



*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).

Programme Amendment Log


Programme Title:	PGDip Equine Science
Programme Code:	PGDEESXX
Initial Approval Date:	01 September 2017
Approved by:	Hartpury Curriculum Approval Committee
Approved until:	01 September 2024
Original version number:	V1.0

Changes:

Current version number: 2.2	
Outline Change Details:	
Part 1: <ul style="list-style-type: none"> Name change from 'Equine Science' to 'Applied Equine Science' to better reflect the content and scope of the programme and to reflect the changes for the MSc of the same name. Interim awards also updated Part 2 <ul style="list-style-type: none"> Programme overview updated Part 3 <ul style="list-style-type: none"> Optional modules updated in line with the new PG equine module offering Non-condonable module updated Part 4 <ul style="list-style-type: none"> Programme learning outcomes updated and assessment links indicated. Part 5 <ul style="list-style-type: none"> Learning, Teaching and Assessment strategy updated Assessment map updated 	
Material Alteration: Yes	
Rationale: To enable the content of the programme to better reflect the title of equine science and to provide a wider offering of modules in support of this. In addition, the changes update the programme in line with the institutional Refresh initiative	
Change requested by: Kirsty Lesniak	
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	
Signed: 	Date: 15/11/2021
Name of Head of Department: Catherine Porter	
I confirm that this change does not require additional resources beyond the scope of those already present or planned for by the department	
Signature: 	Date: 03/12/2021
Approval Committee and Date:	Curriculum Validation Committee action 2022 03 21
Change approved with effect from:	01 September 2022
Resulting new version number:	3.0

Current version number: 2.1	
Outline Change Details: Part 6: assessment for Investigating Equestrian Research changed from oral examination to written assignment. Part 6: Applied Equine Exercise Physiology added as the distinctive module used by the Programme Examination Board.	
Material Alteration: Yes	
Rationale: to ensure accuracy	
Change requested by: CVC n/a I can confirm that student representatives have been consulted about this change n/a I can confirm that colleagues impacted by this change have been consulted n/a I have retained evidence of these consultations, which will be summarized within the Programme Enhancement Report <div style="text-align: right;">Date: 30/07/2020</div>	
Approval Committee and Date:	CVC Chair's action 2020 09 10
Change approved with effect from:	1 September 2020
Resulting new version number:	2.2

08/06/2020- In part 3 the module code for The Research Process was corrected from HEQXKT15-7 to HANXKT-15-7.

Current version number: 2.0	
Outline Change Details: Part 3 – amended to refer clearly to each award. Remove Breeding for Performance and replace with Investigating Equestrian Research and making Rider Performance an optional module. Part 5 – remove reference to 'at least two study weekends' as this is overly specific and is information covered in the Course Information Sheet Part 6 – change to Rider Performance assessment strategy to one point of assessment, now reflecting 100% oral exam. Part 8 – removed in line with current template	
Material Alteration: Yes and Course Information Sheet attached	
Rationale: Rider Performance module assessment strategy has been changed and as such amendments were required to the assessment map.	
Change requested by: Victoria Lewis ✓ 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: V.Lewis Date: 15/5/19	
Name of Head of Department: Catherine Phillips I confirm that this change does not require additional resources beyond the scope of those already present or planned for by the department <div style="display: flex; justify-content: space-between;"> <div>Signature: </div> <div>Date: 13/02/2019</div> </div>	
Approval Committee and Date:	CVC 2019 02 13
Change approved with effect from:	01 September 2019
Resulting new version number:	V2.1

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. 2. Subject Benchmark Statements updated where required.	
Change requested by:	Academic Registrar
CVC approval date:	31 August 2018
Change approved with effect from:	01 September 2018
New version number:	V2.0

