HARTPURY UNIVERSITY

Programme Specification

Part 1: Basic Data			
Primary Programme Title	MSci Equine Science		
Target Award Titles	**Mode and Typical Duration of Study**	**Professional Accrediting Body Links**	**Study Abroad / Exchange / Credit Recognition**
MSci Equine Science	Full time, 4 years Part time, 8 years	**None**	**Study Abroad**
MSci Equine Science with integrated placement year	Full time, 5 years Part time, 9 years	**None**	**Study Abroad**
Interim Award Titles	Postgraduate Award Equine Studies BSc (Hons) Equine Science BSc (Hons) Equine Science with integrated placement year BSc Equine Science BSc Equine Science with integrated placement year Diploma of Higher Education in Equine Studies Certificate of Higher Education in Equine Studies Undergraduate Certificate Equine Studies Certificate in Academic Skills		
Teaching Delivery Method	On-site		
Awarding Institution	Hartpury University		
Teaching Institution	Hartpury University		
Delivery Location	Hartpury		
Department Responsible for Programme	Equine		
Unit-E Code	**MSIEESXX**		
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	19 May 2022	**Due for Re-validation By**	01 September 2027
Amendment Approval Date	V4.1 - 02 August 2022 V4.2 -17 March 2023 V4.3 – 19 July 2023	**Approved With Effect From**	V4.1- 01 September 2022 V4.3 - 01 September 2023
Professional Accrediting Body Approval Date	None	**Date for Re-accreditation**	N/A
Version	4.3		

Part 2: Programme Overview
MSci Equine Science graduates have an in-depth knowledge of scientific principles relating to the health and functioning of the horse to enhance career longevity. They can apply this within both industry and research settings, allowing them to advance practice in areas such as nutrition, reproductive and athletic performance, and veterinary health. Graduates can specialise further in associated subjects, relevant to their career aspirations. They have a critical awareness of contemporary research practices, which they apply in the undertaking of industry relevant enquiries to support the knowledge development within the wider equine industry. To support knowledge transfer, graduates can communicate their research findings with confidence using various formats, allowing them to bridge the gap between science and industry. Through an optional international study exchange and placement year opportunities, graduates will have gained valuable knowledge and experience of the global equine industry.
MSci Equine Science with integrated placement year graduates have an in-depth knowledge of scientific principles relating to the health and functioning of the horse to enhance career longevity and optimise equine welfare. They can apply this within both industry and research settings, allowing them to advance practice in areas such as nutrition, reproductive and athletic performance, and veterinary health through further specialisation. During the placement year, graduates will have gained valuable industry relevant experience, relevant to their career aspirations. They have a critical awareness of contemporary research practices, which they apply in the undertaking of industry relevant enquiries to support the knowledge development within the wider equine industry. Graduates can communicate their research findings with confidence using various formats, allowing them to bridge the gap between science and industry. Through an optional international study exchange opportunity, graduates will have gained valuable knowledge and experience of the global 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
Stage 1	HEQXN8-30-4 Equine Functional Anatomy HEQVKN-15-4 Equine Genetics **OR** HANXNV-15-4 Animal Genetics [1]*pre-2022 only* **OR** HEQXN6-15-4 Equitation [1]*pre-2022 only* HEQXNK-15-4 Equine Industry HEQXN5-15-4 Equine Veterinary Science HEQXNL-30-4+ Fundamental Skills for the Equine Scientist HEQVC6-15-4 Introduction to Equine Nutrition	None	<u>MSci Equine Science</u> This must include all core modules <u>MSci Equine Science with integrated placement year</u> This must include all core modules and Integrated Placement Year module <u>Postgraduate Award Equine Studies</u> This may be awarded alongside the relevant level 6 award <u>BSc (Hons) Equine Science</u> This must include all core modules from Stages 1 and 2 and Undergraduate Dissertation <u>BSc (Hons) Equine Science with integrated placement year</u> This must include all core modules from Stages 1 and 2 and Undergraduate
	To progress to stage 2 you must achieve at least 90 credits.		

Stage 2	HEQVKP-15-5 Equine Exercise Physiology **OR** HEQXRG-30-5 Equine Exercise Physiology [1]*pre-2022 only* HEQVKM-15-5 Equine Disease [3]2022 onwards HEQXRC-15-5 Equine Nutrition HEQVMP-15-5 Equine Reproductive Physiology [3]2022 onwards HEQVJA-15-5 Research Methods for Equine Science **OR** HANXU5-15-5 Undergraduate Research Process [1]*pre-2022 only*	HANXRK-15-5 Animal Microbiology HEQXR8-15-5 Introduction to Equine Biomechanics HEQXR9-15-5 Equine Musculoskeletal Diagnostics **OR** HEQXR9-15-5 Equine Diagnostics and Therapy [1]*pre-2022 only* HEQXRF-15-5 Introduction to Equine Behaviour HEQVLX-15-5 International Stud Management **OR** HEQXRJ-30-5 Applied Stud Management [1]*pre-2022 only* EITHER HANXRP-15-5 International Academic Study Portfolio OR HANXRQ-30-5 International Academic Study Project OR HANXRR-45-5 International Academic Study Extended Project **OR** HEQXR5-15-5 Advanced Equitation [1]*pre-2022 only* HEQXRJ-30-5 Applied Stud Management [1]*pre-2022 only* HEQXRA-15-5 Equine Disease and Disorders [1]*pre-2022 only*	Dissertation and Integrated Placement Year modules <u>BSc Equine Science</u> This must include all core modules from Stages 1 and 2 <u>BSc Equine Science with Integrated Placement</u> This must include all core modules from Stages 1 and 2 and Integrated Placement Year module <u>Diploma of Higher Education in Equine Studies</u> <u>Certificate of Higher Education in Equine Studies</u> <u>Undergraduate Certificate in Equine Studies</u> <u>Certificate in Academic Skills</u>

Placement year (optional)	HANVK6-15-5 Integrated Placement Year	
	To progress to stage 3 you must achieve at least 210 credits and normally an average of 60% at stage 2.	

Stage 3	HEQVKT-45-6 Undergraduate Dissertation **OR** Applied Research Project HANV3S-30-6 [1]*pre-2022 only* HEQV6Y-15-7 Investigating Equestrian Research **OR** HANVL4-15-7 Postgraduate Independent Study [1]*pre-2022 only*	HANV4T-15-6 Advanced Animal Microbiology HEQVGM-15-6 Applied Equine Biomechanics HEQV4M-15-6 Equine Nutrition for Performance HEQV4N-15-6 Equine Sports Medicine HEQV4P-15-6 Equine Therapy and Rehabilitation HANV3L-15-6 Pharmacology **OR** HANV3H-15-6 Epidemiology [1]*pre-2022 only* HANV3M-15-6 Undergraduate Independent Study [2]*pre-2023 only* HEQV4L-15-6 Equine Ethics and Welfare [2]*pre-2023 only* **OR** HEQV4H-15-6 Contemporary Issues in Equestrian Sport [1]*pre-2022 only* HEQV4R-15-6 Applied Equine Ethology [1]*pre-2022 only* HEQV4Q-15-6 Neonatal and Foal Medicine [1]*pre-2022 only*	

	To progress to stage 4 you must achieve at least 330 credits.		
Stage 4	HEQVJN-15-7+ Developing a Sustainable Equine Industry HANV5D-30-7 Postgraduate Independent Project in Equine Science HANXKT-15-7 The Research Process	HEQVPV-15-7 Advances in Equestrian Biomechanics HEQVJH-15-7 Applied Equine Exercise Physiology **OR** HEQXKX-30-7 Applied Equine Exercise Physiology [1]*pre-2022 only* HEQVJT-15-7 Equine Behaviour **OR** HEQXQW-30-7 Equine Behaviour and Welfare [1]*pre-2022 only* HEQVN6-15-7 Equine Management for Optimal Performance and Welfare HANVL4-15-7 Postgraduate Independent Study HEQXKS-15-7 Therapy and Rehabilitation of the Equine Athlete HEQV6Y-15-7 Investigating Equestrian Research [2]*pre-2023 only*	

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 Outcomes:	**Equine Functional Anatomy**	**Equine Genetics**	**Equine Industry**	**Equine Veterinary Science**	**Fundamental Skills for the Equine Scientist**	**Introduction to Equine Nutrition**	**Equine Exercise Physiology**	**Equine Disease**	**Equine Nutrition**	**Equine Reproductive Physiology**	**Research Methods for Equine Science**	Animal Microbiology	Introduction to Equine Biomechanics	Equine Musculoskeletal Diagnostics	Introduction to Equine Behaviour	International Stud Management	International Academic Study Portfolio	International Academic Study Project	International Academic Study Extended Project	Integrated Placement Year	**Investigating Equestrian Research**	**Undergraduate Dissertation**	Advanced Animal Microbiology	Applied Equine Biomechanics	Equine Nutrition for Performance	Equine Sports Medicine	Equine Therapy and Rehabilitation	Pharmacology	Equine Ethics and Welfare *pre-2023 only	Undergraduate Independent Study *pre-2023 only	**Developing a Sustainable Equine Industry**	**Postgraduate Independent Project in Equine Science**	**The Research Process**	Advances in Equestrian Biomechanics	Applied Equine Exercise Physiology	Equine Behaviour	Equine Management for Optimal Performance and Welfare	Postgraduate Independent Study	Therapy and Rehabilitation of the Equine Athlete
A) Knowledge and Understanding of:																																							
1. The underpinning concepts relating to the biological function of the horse	A	A		A		A	A		A	A			B		B																								
2. The impact of nutrition on health and performance of the horse						B		B	A												B				A												A		
3. Factors affecting reproductive and athletic performance in the horse							A			A			B			B					B			B									B	A					
4. Current practice and impact of veterinary			B	A				A				B		A							B		B			A	A	B							B	B	A	

techniques in relation to equine health																																									
5. The role of equine science to maintain social licence to operate in the equine industry			B												B						A								A						A	B			
6. Legislative, ethical and moral issues impacting sustainability within the equine industry			A								A				B						A							B	A						B	B			
B) Intellectual Skills																																									
1. Apply knowledge of the biological function of the horse to management practices in relation to nutrition, veterinary health, and reproductive and athletic performance							A	A	A	A			B	B							A			B	B	B	B	B					B	B	B	A		B		
2. Analyse data to investigate theoretical concepts relating to the field of equine science					A		A		A		B		B	B							A			B	B							A	A			B	B	B	B	
3. Critique and analyse information to design an industry relevant project relating to the field of equine science											A										A	A	B	B				B				B	A	A	B		A		A	
4. Critically evaluate current research in the field of equine science to support sustainability of the equine industry																					A	B		B	B	B	B	B	B	B		A	B					A	A	
C) Performance and Practice																																									
1. Adhere to and complete a range of laboratory procedures	A			B	A	B						B											B																	

relevant to the field of equine science																																								
2. Evaluate methods used to assess equine reproductive and athletic performance							A			A			B	B										A			B						A						B
3. Prepare, interpret and present data using appropriate quantitative and qualitative techniques					A		B		B		A	B	B		B							A	B	B							B	A	A	A		A	B		
4. Apply theoretical knowledge to formulate a logical argument to challenge opinion and provide novel solutions								B	B	B						B				B	A				B		B				A	A	B		B		A	A	B
5. Utilise project management skills resulting in successful completion of industry projects				B			B				A	B				B					B	A	B							A		A		B	B	B	A	A	
6. Demonstrate problem solving skills in a variety of theoretical and practical settings to create novel solutions		B							B					B			B	B	B	B	A	A			B				B	B	A	A	B	A		B		A	
D) Setting, Personal and Enabling Skills																																							
1. Demonstrate the ability to source relevant information using a wide range of sources to support discussion and arguments				B	A	B	B	B													A	B				B	B		B	A	A	A	B		B	A	A	
2. Communicate scientific concepts in written and oral approaches to a range of audiences				A	A		A	A				A		A		A					A	A	A	A			A	B	A	A	A	A		A			A	A	
3. Recognise the value of individual contributions and				A			A							B		A				B	B									B					B	B		

significance of group dynamics for effective teamworking																																							
4. Develop a reflective approach when analysing personal effectiveness, wellbeing and being responsible for personal and professional development				B	A		B									B	B	B	B	A	A	B								B	B					B	B	

Part 5: Learning, Teaching and Assessment

Learning, Teaching and Assessment Journey:

The MSci Equine Science programme provides students with the opportunity to undertake an integrated Masters degree, combining content and delivery methods experienced by students at both undergraduate and postgraduate level. Teaching on this programme is a mix of scheduled and independent learning, whereby more emphasis is placed on the importance and value of independent learning as the student progresses through to stage 4 (Masters level). This programme aims to develop students to become independent critical thinkers, who can utilise a range of information and data to support their discussion and arguments and to develop industry relevant enquiries to support developments within the equine industry.

Stage 1 will provide students with underpinning knowledge relating to the biological function of the horse, which they will expand on throughout the degree as they specialise towards their career aspirations. Through a combination of theory, practical sessions, and seminars, students will develop this fundamental knowledge and apply this in practical contexts to consolidate their learning. To ensure that this underpinning knowledge is established, the assessment strategy for these subject areas will incorporate information recall in test or examination scenarios. At this stage, students will also develop fundamental transferable skills, expected of equine science students and graduates. Both individual and group tasks are incorporate within the programme structure, providing students with various formative and summative development opportunities to present work in verbal and written format. Group tasks will allow students to develop problem solving skills and application in a supportive environment and encourage peer feedback and support alongside tutor-led feedback. To support student's wider personal development, the broader professional context of self-reflection and development and the different facets included in the global industry are integrated into delivery and assessment. Through self-reflection students will be able to develop awareness of existing skills and skill requirements within industry.

The second stage allows students to take the fundamental knowledge from their first year and build on this by exploring the biological functioning of the horse in further detail. Optional modules at this stage will allow students to delve deeper into topics relating to health and functioning of the horse to develop further specialisation relevant to their career aspirations. Across this stage, theoretical delivery is supported by opportunities to apply theory to industry-related scenarios using practical sessions or seminars. This will support students to continue the development of problem-solving skills and intellectual skills. Students will develop their ability to develop discussion points through the analysis and evaluation of research, industry information, and available data. Application of theory forms the basis of the assessment strategy at this level, with the creation of industry relevant reports and presentations. Within assessments, students will be challenged to demonstrate evaluation of information to support arguments and discussions. In addition, the use of group work will continue at this stage, supporting students to understand the importance of working within a professional team and the value of individual input in larger projects. Across modules, students will become exposed to research skills and theory, which they will be applying to a range of contexts and scenarios to consolidate these skills in preparation for their final year research project.

The inclusion of an optional study exchange in Stage 2 will provide students with the opportunity to undertake a period of study at an international institution to gain international experience as part of their degree, experiencing different cultures and industry practices with approved exchange partners. Current study exchange agreements exist with

Part 5: Learning, Teaching and Assessment
Delaware Valley University in the USA, with additional exchange opportunities being explored continually to add to the student's experience. Following successful completion of stage 2, students can take an optional integrated placement year. During this year, students will spend time in industry, experiencing potential career pathways and opportunities to pursue after completion of their degree. Within these placements, students will be able to apply gained knowledge and theory into practice in a real-world context and develop valuable industry skills and contacts. Through personal reflection during the placement year on their experience and professional developments, students will gain further insight into their existing skills and employment requirements. At stage 3 students continue to further specialise into aspects of equine health and physiology through the various optional modules available at this stage. Within the assessment of these modules, students will have the opportunity to gain further insight into real world requirements and application of prior knowledge gained throughout the degree. This is supported by industry relevant guest speakers, who may also be active in equine research. Assessments will incorporate industry relevant requirements, which may include live briefs. Students will also complete their own industry relevant research project, during which they aim to further develop knowledge gained in relation to their chosen specialisation. At this stage, students will also complete their first Masters level module, which will provide them with a direct insight into current research in the field of equine science, and associated challenges, whilst supporting them with the step up to Masters requirements. The final stage of the programme consists of Masters level modules, which students will take alongside students enrolled on other Equine Masters programmes. This will provide students with the opportunity to interact with peers with various academic and practical backgrounds. At this stage, students will undertake a Masters level research project, in which they are able to develop further critical knowledge relating to their specialisation. Students will continue to be challenged at this stage in their critical thinking and application of knowledge to develop novel solutions to industry related issues, particularly relating to sustainability developments in the equine industry. This forms the basis for the various assessment formats that are incorporated at this stage.
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 Postgraduate Independent Project
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 1	Equine Functional Anatomy					A1 (25) Test A2 (25) Test		B (50) Practical Assessment Series	
	Equine Genetics					A (100) Test Series			
	Equine Industry					A1 (50) Test A2 (50) Test			
	Equine Veterinary Science								A (100) Group Oral Presentation with Questions individually marked
	Fundamental Skills for the Equine Scientist							A (100) Practical Assessment Series	
	Introduction to Equine Nutrition	B (50) Essay			A (50) Written Examination				
Core Modules Stage 2	Equine Exercise Physiology					B (25) Test			A (75) Group Oral Presentation with Questions individually marked
	Equine Disease	B (50) Coursework				A (50) Test			

	Equine Nutrition					A (100) Case Study Test			
	Equine Reproductive Physiology				A (100) Seen Open-Material Case Study Written Examination				
	Research Methods for Equine Science		A (50) Project Report					B (50) Practical Skills Logbook	
Optional Modules Stage2	Animal Microbiology								A (100) Poster Defence
	Introduction to Equine Biomechanics				A (100) Open-Material Written Examination				
	Equine Musculoskeletal Diagnostics					B (25) Test		A (75) Practical Skills Assessment	
	Introduction to Equine Behaviour								A (100) Oral Presentation with Questions
	International Stud Management								A (100) Group Oral Presentation with Questions individually marked
	International Academic Study Portfolio			A (100) Coursework Portfolio					
	International Academic Study Project			B (75) Coursework Portfolio					A (25) Oral Presentation with Questions
	International Academic Study Extended Project			B (75) Coursework Portfolio					A (25) Oral Presentation with Questions

	Integrated Placement Year			A (100) Industry Experience Portfolio					
Core Modules Stage 3	Investigating Equestrian Research	A (100) Coursework							
	Undergraduate Dissertation		A (100) Project Report						
Optional modules Stage 3	Advanced Animal Microbiology		A (100) Report						
	Applied Equine Biomechanics								A (100) Poster Defence
	Equine Nutrition for Performance					A (100) Case Study Test			
	Equine Sports Medicine	B (50) Coursework				A (50) Test			
	Equine Therapy and Rehabilitation							A (100) Practical Skills Assessment	
	Pharmacology								A (100) Poster Defence
Core Modules Stage 4	Developing a Sustainable Equine Industry		A (100) Case Study Report						
	Postgraduate Independent Project in Equine Science		A1 (80) Project Report						A2 (20) Poster Presentation
	The Research Process	B (70) Coursework							A (30) Oral Presentation with Questions
Optional Modules Stage 4	Advances in Equestrian Biomechanics		A (100) Project Report						
	Applied Equine Exercise Physiology					A (100) Test			

	Equine Behaviour		A (100) Project Report						
	Equine Management for Optimal Performance and Welfare								A (100) Poster Defence
	Postgraduate Independent Study	A (100) Literature Review							
	Therapy and Rehabilitation of the Equine Athlete					A (100) Test			

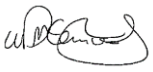
*Indicative assessment types for new students enrolling on this programme after the date this specification takes effect (Part 1) are shown in terms of Coursework, Written Examination, or Practical Examination as indicated by the colour coding above.

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:	MSci Equine Science
Programme Code:	MSIEESXX
Initial Approval Date:	01 September 2017

Changes: *Most recent at the top of the page*

Current version number: 4.2	
Outline Change Details: Part 5: Assessment Map updated to reflect module amendments. Stage 3 / Level 6 optional modules: Pharmacology changed to A (100) Poster Defence, and Written Examination removed; Advanced Animal Microbiology changed to A (100) Report (was Project Report), and Written Examination removed.	
Do the changes presented alter the mapping against the Hartpury University Curriculum Framework (delete as appropriate)? Yes/No **If yes, please provide the details of the changes:**	
Material Alteration: No	
Rationale: Assessment strategy has been reviewed to provide a more balanced variety of assessment types and reduce the overall load for both students and staff.	
Change requested by: Wanda McCormick 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**: 13/07/23	
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**: 25/07/23	
Approval Committee and Date:	CVC 2023 07 19
Change approved with effect from:	01 September 2023
Resulting new version number:	4.3 (2021 intake onwards)

Current version number: 4.1	
Outline Change Details: Updating Assessment Map to reflect changes to assessment of modules for: Equine Industry; Equine Reproductive Physiology; and Animal Microbiology.	
Do the changes presented alter the mapping against the Hartpury University Curriculum Framework (delete as appropriate)? No **If yes, please provide the details of the changes:**	

Material Alteration: Yes and is accompanied by the relevant course information document.	
Rationale: To ensure accuracy of assessment map in line with module changes made to improve student experience.	
Change requested by: Rachel Collins 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**: R Collins **Date**: 23/2/23	
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**: 30/03/2023	
Approval Committee and Date:	CVC 2023 03 17
Change approved with effect from:	01 September 2023
Resulting new version number:	4.2 (2021 intake onwards)

16/8/2022 Correction made to the programme map- 'HANV3R-45-6 Undergraduate Dissertation pre-2022 only' was removed as listed in error and Applied Research Project HANV3S-30-6 was added as previously omitted.

Current version number: 4.0	
Outline Change Details: Part 5: Equine Sports Medicine (HEQV4N-15-6) changed from Written examination to test, and Therapy & Rehabilitation of the Equine Athlete (HEQXKS-15-7) changed from Case Study Written Examination to Test PG Award Equine Studies added as an interim	
Material Alteration: No.	
Rationale: Change of assessment types continue the format that has been running for the last three years, and which has proved more positive in terms of student experience, student engagement and real-world preparation.	
☐ **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 **Signature**:  **Date**: 01/07/2022	
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, and have not included a completed Resource Impact and Authorisation Form • I can confirm that this change does not require a change to the HECOS code **Signature**:  **Date**: 11/07/2022	
Approval Committee and Date:	CSP Chair's action 2022 08 02
Change approved with effect from:	01 September 2022
Resulting new version number:	4.1

Current version number: 3.3

Outline Change Details:

Section 1: Basic data

- Inclusion of Integrated Placement Year as target award title
- Update of information relating to the new programme specification requirements

Section 2: Programme Overview

- Update of the programme overview to reflect the renewed focus of the degree programme, including programme overview descriptions for Integrated Placement Year option

Section 3: Programme Structure

- Updated programme structure as result of strategic review and Refresh.
- Removal of Equitation option modules at stage 1 and stage 2
- Stage 1 includes core modules only, with inclusion of Equine Genetics (new module) to replace Animal Genetics
- Increased number of core credits at stage 2 with inclusion of new and refreshed modules. Option modules at stage 2 have been revised to ensure clear focus and structure at this level. Removal of New Venture Creation as an option module at this stage
- Applied Stud Management is replaced by Equine Reproductive Physiology (15 credits core) and International Stud Management (15 credits optional)
- Equine Exercise Physiology has been amended to a 15 credit module at stage 2
- Inclusion of Research Methods for Equine Sciences to replace Undergraduate Research Process at stage 2
- Streamlining of option modules at stage 3 to reflect the renewed focus of the degree programme. Removal of Contemporary Issues in Equestrian Sport, Independent Study, Applied Equine Ethology, and Equine Ethics and Welfare from available option modules.
- Inclusion of new Applied Equine Biomechanics module at stage 3 to fit with new focus on health and function of the horse
- Addition of Investigating Equestrian Research as level 7 module at stage 3 to support transition to stage 4
- Update of modules at stage 4 to reflect changes to MSc Applied Equine Science programme structure. Addition of Developing a Sustainable Equine Industry as core module at stage 4.
- Module code for Undergraduate Dissertation changed from HANV3R-45-6 to HEQVKT-45-6 in line with module amendment.

Section 4: Programme Learning Outcomes

- Refresh of programme learning outcomes to align with new programme focus and structure, ensuring learning outcomes cover key requirements and expectations for equine science graduates.
- Learning outcomes have been linked to the Refresh mapping document and where appropriate against the Royal Society of Biology

Section 5: Teaching, Learning and Assessment

- Review and update of the teaching, learning and assessment strategy
- Assessment map updates to include new modules and assessments included within modules to ensure scaffolding of assessment requirements
- Equine Therapy and Rehabilitation module amendment changed from coursework to practical skills assessment

Section 6: Module Changes

- HEQXN6-15-4 Equitation and HANXNV-15-4 Animal Genetics removed as Level 4 optional modules
- HEQVKN-15-4 Equine Genetics added as Level 4 core module
- HEQVJA-15-5 Research Methods for Equine Science replaces HANXU5-15-5 Undergraduate Research Process
- HEQVKP-15-5 Equine Exercise Physiology replaces HEQXRG-30-5 Equine Exercise Physiology as core Level 5 module
- HEQVKM-15-5 Equine Disease and HEQVMP-15-5 Equine Reproductive Physiology added as new Level 5 core modules
- HSPXTX-15-5 New Venture Creation removed as Level 5 optional module
- HEQVLX-15-5 International Stud Management replaces HEQXRJ-30-5 Applied Stud Management as Level 5 optional module
- HEQXR5- 15- 5 Advanced Equitation removed as Level 5 optional module
- HEQXR8-15-5 Equine Biomechanics renamed Introduction to Equine Biomechanics

- HEQXR9-5-5 Equine Diagnostics and Therapy renamed Equine Musculoskeletal Diagnostics
- HEQXRA-15-5 Equine Disease and Disorders removed as Level 5 optional module
- HANXRP-15-5 International Academic Study Portfolio and HANXRR-45-5 International Academic Study Extended Project added as Level 5 optional modules
- HANVL4-15-7 Postgraduate Independent Study moved from stage 3 core module to stage 4 optional
- HEQV6Y-15-7 Investigating Equestrian Research added as core module at stage 3 (and removed as optional module at stage 4)
- Applied Equine Ethology, Contemporary Issues in Equestrian Sport, Equine Ethics and Welfare and Neonatal and Foal Medicine removed as Level 6 optional modules
- HEQVKT-45-6 Undergraduate Dissertation replaces HANV3S-30-6 Applied Research Project as Level 6 core module
- HEQVGM-15-6 Applied Equine Biomechanics added as new Level 6 optional module
- HANV3L-15-6 Pharmacology added as Level 6 optional module
- HANV3H-15-6 Epidemiology removed as Level 6 optional module
- HEQVJN-15-7 Developing a Sustainable Equine Industry Level 7 core module
- HEQVJH-15-7 Applied Equine Exercise Physiology replaces HEQXKX-30-7 Applied Equine Exercise Physiology as Level 7 optional module
- HEQVJT-15-7 Equine Behaviour replaces HEQXQW-30-7 Equine Behaviour and Welfare as Level 7 optional module
- HANVL4-15-7 Postgraduate Independent Study, HEQVPV-15-7 Advances in Equestrian Biomechanics and HEQVN6-15-7 Equine Management for Optimal Performance and Welfare added as Level 7 optional modules

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

Rationale:
The MSci Equine Science degree has been updated to be in line with the revalidated BSc (Hons) Equine Science and MSc Applied Equine Science programme. This has been updated with the intention for students to be able to continue on the programme whilst this is phased out in the future. The intention is that no new students will be enrolled on this programme from September 2023.

Change requested by: Hieke Brown

- ✓ 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**: 19/11/2021

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**: 20/11/2021

Approval Committee and Date:	Curriculum Validation Committee action 2022 05 18
Change approved with effect from:	01 September 2022
Resulting new version number:	4.0

Current version number: 3.2
Outline Change Details: Parts 3, 4, 5 & 6: Module HANVK6-15-5 name changed from Year Work Placement to Integrated Placement Year, in line with module amendment.

Update in Part 6 to the assessment of Investigating Equestrian Research from Oral assessment to written assignment to reflect module change.
Material Alteration: Yes and is accompanied by the relevant course information sheets.
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 **Date**: 30/07/2020

Approval Committee and Date:	CVC Chair's action 2020 09 10
Change approved with effect from:	1 September 2020
Resulting new version number:	3.3 (intakes 2019+)

15/06/2020 In Part 3 module code for Animal Genetics was corrected from HEQXNV-15-4 to HANXNV-15-4

Current Version number: V3.1	
Rationale: To ensure accuracy of information	
Material Alteration: No	
Outline Change Details: 1. Update interims 2. Part 6 amended to ensure Undergraduate Research Process is correct	
Change requested by:	Academic Registrar
CVC approval date:	CSP Chair's Action 11-5-2020
Change approved with effect from:	01 September 2020
New version number:	3.2

Rationale: Review of interim awards. The removal of the group presentation has come about following repeated staff and External Examiner concerns that the module is currently over-assessing the students and consequentially creating more work for the module team. Whilst the group presentation gets the students developing their transferable skills, the LO's are better assessed through the examination and the written assignment, and group work and presentation skills can be developed formatively within the module.	
Outline Change Details: Addition of Certificate in Equine Studies in part 1 and 3**.** Updated the assessment map for Equine Exercise Physiology to remove the Group Presentation (Comp A, 2) and subsequently change the assessment weighting to 50% : 50%	
Change requested by:	Academic Registrar
CVC approval date:	06 August 2019
Change approved with effect from:	06 August 2019
New version number:	**V3.1**

Current version number: 2.3
Outline Change Details: 1. Minor amendment has been made to the module delivery at level 4. The module 'Animal Nutrition' at level 4 has been changed to 'Introduction to Equine Nutrition'. Amendments have been made accordingly to Part 3 (Programme Structure), Part 4 (Programme Learning Outcomes) and Part 6 (Assessment Map). 2. Minor amendment has been made to learning outcomes of 'Equine Nutrition' to reflect the inclusion of the 'Introduction to Equine Nutrition' module at level 4, although this does not impact on the overall programme learning outcomes.

3.Part 6 updated to remove the coursework element for Advanced Equitation.
Material Alteration: Yes and is accompanied by the relevant course information sheets.
Rationale: 1 &2.Following on from student feedback on the BSc (Hons) Equine Science and MSci Equine Science during programme committee meetings, the module 'Introduction to Equine Nutrition' has been proposed to replace 'Animal Nutrition' at level 4 for programmes in the Equine department. The inclusion of an Equine nutrition module at level 4 will allow for the further contextualizing of related content across levels 4, 5, and 6. 3.Reflect the changes to Advanced Equitation module.
Change requested by: Hieke Brown 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**: 14/01/2019
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 **Signature**  **Date**: 14/02/2019

Approval Committee and Date:	CVC 2019 02 13
Change approved with effect from:	01 September 2019
Resulting new version number:	3.0 (intake 2019)

(2019 intake)

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. Award Titles amended to replace (SW) with (IP) 4. 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:	**V2.3**

Version 1.3 (2019 intake)

Outline Change Details: Adjustment of assessment for Animal Genetics HANXNV-15-4 To amend assessment from 100% Oral Presentation to 75% Oral Presentation and 25% Online Test	
Rationale: To improve assessment balance and student experience.	
Change requested by:	Rachel Collins
CVC approval date:	01 March 2018
Change approved with effect from:	01 September 2019