

# Programme Specification

	Part 1: Bas	ic Data	
Primary Programme Title	BSc (Hons) Equine Sci	ence with Therapy	
Target Award Titles	Mode and Typical Duration of Study	Professiona Accrediting Bo Links	
BSc (Hons) Equine Science with Therapy	Full time, 3 years Part time, 6 years	None	None
BSc (Hons) Equine Science with Therapy with integrated placement year	Full time, 4 years Part time, 7 years	None	None
Interim Award Titles	BSc Equine Science with BSc Equine Science with BSc Equine Studies BSc Equine Studies with Diploma of Higher Edu Certificate of Higher Edu Undergraduate Certific Certificate in Academic Higher Education Foun	th Therapy with inte th integrated placem cation in Equine Stu ducation in Equine S ate in Equine Studie the Skills	dies tudies es
Teaching Delivery Method	On-site		
Awarding Institution	Hartpury University		
Teaching Institution	Hartpury University		
Delivery Location	Hartpury		
Department Responsible for Programme	Equine		
Unit-E Code	BSHEESTX		
Entry Criteria Information	Applicants will have a stage of entry, which (www.hartpury.ac.uk)	can be found throug	a appropriate for the h the Hartpury website
Most Recent Validation Date	21 March 2022	Due for Re- validation By	01 September 2027
Amendment Approval Date	V6.1- 02 August 2022	Approved With Effect From	V6.1 - 01 September 2022
Professional Accrediting Body Approval Date	None	Date for Re- accreditation	N/A
Version	6.1		L

#### Part 2: Programme Overview

Graduates from the BSc (Hons) Equine Science with Therapy programme have developed a critical awareness of therapeutic approaches and modalities utilised in the equine industry. The cumulative knowledge gained from this programme enables graduates to offer solutions linked to maintaining or enhancing equine performance. Graduates have also developed independent research skills. Successful graduates will evidence relevant work experience, enabling them to work alongside therapy providers. Graduates will be capable of implementing a rehabilitation programme, including use of therapeutic modalities under the guidance of a veterinary surgeon or accredited paraprofessional.

Graduates from the BSc (Hons) Equine Science with Therapy with integrated placement year programme have developed a critical awareness of therapeutic modalities currently utilised in the equine industry. The cumulative knowledge gained from this programme enables graduates to offer solutions linked to maintaining or enhancing equine performance. Graduates have also developed independent research skills. Successful graduates will evidence relevant work experience, enabling them to work alongside therapy providers. Graduates will be capable of implementing a rehabilitation programme, including use of therapeutic modalities under the guidance of a veterinary surgeon or accredited paraprofessional. Successful graduates will evidence relevant work experience and may utilise the placement year, which is optional in this programme, to work alongside external therapy providers.

#### 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 HEQXNK-15-4 Equine Industry HEQXN5-15-4 Equine Veterinary Science HEQVC6-15-4 Introduction to Equine Nutrition EITHER HANXNV-15-4 Animal Genetics OR HEQVKN-15-4 Equine Genetics <sup>T</sup> EITHER HEQV6F-30-4 Fundamental Skills for Equine Therapy Or HEQXNL-30-4 Fundamental Skills for the Equine Scientist <sup>T</sup>		Certificate of Higher Education in Equine Studies Undergraduate Certificate in Equine Studies Higher Education Foundation Certificate in Academic Skills Certificate in Academic Skills
	To progress to stage 2 ye	ou must achieve at least 9	90 credits.

	EITHER	EITHER	Diploma of Higher Education in
	HEQXR9-15-5	HEQXR8-15-5	Equine Studies
	Equine Diagnostics and	Equine Biomechanics	<u>Equine Studies</u>
		OR	
	Therapy OR	HEQXR8-15-5	
	HEQXR9-15-5	Introduction to Equine	
	Equine	Biomechanics <sup>⊤</sup>	
	Musculoskeletal Diagnostics <sup>⊤</sup>		
		HEQXRF-15-5	
	EITHER	Introduction to Equine	
	HEQXRG-30-5	Behaviour	
	Equine Exercise Physiology		
		EITHER	
	HEQVKP-15-5	HANXRR-45-5 International	
	Equine Exercise Physiology <sup>T</sup>	Academic Study Extended	
		Project	
	EITHER	OR	
	HEQXRA-15-5	HANXRP-15-5 International	
2	Equine Disease and	Academic Study Portfolio	
	Disorders	OR	
g	OR	HANXRQ-30-5 International	
Stage	HEQVKM-15-5	Academic Study Project	
0)	Equine Disease <sup>⊤</sup>		
	EITHED		
	EITHER		
	HANXU5-15-5		
	Undergraduate Research Process		
	OR		
	HEQVJA-15-5		
	Research Methods for		
	Equine Science <sup>T</sup>		
	Equille Science		
	HEQXRE-15-5		
	Ground Schooling and		
	Rehabilitation		
	HANV68-15-5		
	Introduction to		
	Hydrotherapy		
L.	Integrated Placement Year HA	ANVK6-15-5	
placement			
E			
a ce			
pla			
ed L)			
rat na			
eg			
Integrated   (optional)			
	To progress to stage 3 ye	ou must achieve at least 2	10 credits.

	HEQV4P-15-6	EITHER	BSc (Hons) Equine Science
	Equine Therapy and	HEQV4K-15-6	with Therapy
	Rehabilitation	Developments in Equine	This must include all core
		Science	modules
	HANV67-30-6	OR	
	Therapy in Practice	HEQVMB-30-6	BSc (Hons) Equine Science
		Developments in Equine	with Therapy with integrated
	FITHER	Research <sup>T</sup>	placement year
	HANV3R-45-6	Research	This must include all core
		ETTUED	modules and HANVK6-15-5
	Undergraduate Dissertation	EITHER	
	OR	HEQV4R-15-6	
	HEQVKT-45-6	Applied Equine Ethology	BSc Equine Science with
m	Undergraduate Dissertation <sup>⊤</sup>	OR	<u>Therapy</u>
ge		HEQVGM-15-6	This must include all core
Stag		Applied Equine	modules except Undergraduate
Š		Biomechanics <sup>⊤</sup>	Dissertation
		HEQV4L-15-6	BSc Equine Science with
		Equine Ethics and Welfare	Therapy with integrated
			placement year
		HEQV4N-15-6	This must include HANVK6-15-
		Equine Sports Medicine	5 and all core modules except
			Undergraduate Dissertation
			BSc Equine Studies
			<u>Dec Equine Otdales</u>
			BSc Equine Studies with
			Integrated Placement Year
			Integrated Flacement real

## 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.

T = either / or alternative presented in part 3 programme structure

Learning Outcomes:	Equine Genetics <sup>T</sup>	Equine Functional Anatomy	Equine Industry	Fundamental Skills for the Equine Scientist <sup>T</sup>	Equine Veterinary Science	Introduction to Equine Nutrition	Equine Exercise Physiology <sup>T</sup>	Equine Disease <sup>T</sup>	Equine Musculoskeletal Diagnostics <sup>T</sup>	Ground Schooling and Rehabilitation	Introduction to Hydrotherapy	Research Methods for Equine Science <sup>T</sup>	Introduction to Equine Behaviour	Introduction to Equine Biomechanics <sup>T</sup>	International Academic Study Project	International Academic Study Portfolio	International Academic Study Extended Project	Integrated Placement Year	Equine Therapy and Rehabilitation	Therapy in Practice	Undergraduate Dissertation	Developments in Equine Research <sup>T</sup>	Applied Equine Biomechanics <sup>T</sup>	Equine Sports Medicine	Equine Ethics and Welfare
<ul><li>A) Knowledge and Understanding of</li><li>1. The strengths, weaknesses and future</li></ul>	В	А	В		А		А	В				В							А	A		В		В	<u> </u>
developments of key areas of science relating to the equine industry, including: Equine anatomy and physiology; Equine exercise physiology; Therapy and rehabilitation; Equine veterinary science	В	A	D				A	В				D							A	4		D		D	
<b>2.</b> Current developments in equine science and related disciplines which would combine to support continuing best practice				В			В		В			В		В	В	В	В			A	A			В	
<b>3.</b> The broad range of techniques utilised within equine science research				В								A								A	A	В			
<b>4.</b> Legislative, ethical and moral constraints within the equine industry as a whole			В	В				В	В			A							A	A					В
<b>5.</b> Innovative individual approaches to the application of knowledge gained through the programme in order to identify and resolve problems encountered				В								В								A	A				

B) Intellectual Skills																					,
<b>1.</b> Seek, identify, describe and interpret appropriate information relating to their defined equine science subjects			E	5								В						A			
<b>2.</b> Critically appraise evidence in the underpinning of arguments																В	В	A		В	В
<b>3.</b> Apply sound and justified theoretical knowledge to novel situations			E	3		В		В								A	A	A		В	
<b>4.</b> Design, critique and analyse information to test a scientific hypothesis relating to the field of equine science			B	3								A						A			
<b>5.</b> Use statistical means to support arguments and to investigate theories relating to equine science												A						A			
<b>6.</b> Demonstrate confidence in analysing current situations, identifying strengths and weaknesses and developing an alternative strategy			E	3					В			В				A	A	В			В
<b>7.</b> Debate and analyse key issues within equine science in relation to advances on fundamental principles, using evidence to support the analysis			E	3			В	В								A	A		В		
<ul> <li>C) Performance and Practice</li> <li>1. Demonstrate basic skills in laboratory protocols and procedures</li> </ul>			Δ															В			
<b>2.</b> Discuss the key principles relating to equine functional anatomy		A			В		A	В	В												
<b>3.</b> 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	В	A			В		A	В	В												
<b>4.</b> Develop a mindset that allows the integration of general veterinary science principles to the field of equine science					В		В	В	В							A	A	A	<u>.</u>		
<b>5.</b> Apply pre -existing knowledge to the study of the exercising equid										A	A					В	В	В			

**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 equine performance ability

**8.** Make judgments on the analysis of the equid in order to monitor and enhance performance within a given role

D) Setting, Personal and Enabling Skills

**1.** Recognise and respect the views of others and work effectively and coherently within a team environment

**2.** Communicate in written and verbal mediums using academic professional terminology

**3.** Prepare, interpret and present data using appropriate qualitative and quantitative techniques and packages

4. Communicate technical information about areas of current research, or equivalent advanced scholarship, and synthesise and summarise their outcomes

5. Demonstrate the ability to use a wide range of sources, including the internet, electronic journal databases and library catalogues to complete a detailed literatur search on a given topic

6. Utilise problem solving skills in a variety of theoretical and practical situations

7. Develop a reflective philosophy when analysing personal effectiveness and be responsible for personal management of learning

_																							
ific skills ppropriate iluating o draw							В				A						В	В	A			В	
siology and erformance	A				A	A																	
nalysis of the d enhance role						В		В									A	A			В	В	
Enabling																							
e views of and coherently			В													В		A					
nd verbal ofessional			В			В	В	В										A	A				
esent data, and packages											A								A				
formation rch, or ship, and neir outcomes											В						A	A		В	В	В	В
o use a wide he internet, and library cailed literature		В	В			В					В		В	В	В				A				
ills in a variety ituations			В	В		A	A	В	В	В	В					В	В	A				В	
sophy when ness and be nagement of			A													В		A	A				

#### Part 5: Learning, Teaching and Assessment

Learning, Teaching and Assessment Journey:

During the course of the Honours degree programme, academic knowledge and understanding will be supported through the development of practical skills using on-site facilities. Students will also be required to complete a compulsory period of work experience and be expected to access tutors with considerable industry and/or research experience. The purpose of the programme is to offer a route through practical and academic study that is intellectually challenging, industry relevant, and provides a foundation for pursuing a career within the equine therapy related industries or further study. The programme has thus been designed to build on the competences of a wide spectrum of students who upon graduation should be capable of progressing onto postgraduate and industry qualifications linked to equine therapy, such as McTimoney.

The nature of the academic programme gives students the opportunity to work within the industry which will add to their personal, vocational, and practical skills, in addition to knowledge base. Those students that wish to develop their vocational skills can do so by completing the integrated placement year.

Assessment is conducted through a variety of methods including written assignment, poster presentation/ defense, unseen written and the development of portfolios of competencies. An element of formative assessment appears in some modules on the programme to provide additional support. The assessment strategy for intellectual skills is intended to consolidate learning; ensure appropriate and developmental feedback is provided; strengthen motivation; develop analytical skills; encourage reflection on theoretical and practical learning. Professional skills are assessed through a range of appropriate forms of written coursework, examinations, and oral based scenarios. Transferable skills are developed and assessed through the assessment strategy using a carefully selected range of coursework and examinations, which complement the assessment of transferable skills for example; reflective portfolios, group work, coursework which requires the use of I.T. skills, presentations, and oral examinations.

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 Therapy in Practice

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

				Assessr	nent Map				
Where EITHE exist, this is r	R/OR modules noted below by <sup>T</sup>				Type of A	ssessment*			
	· · · · · ·	Coursework	Report	Portfolio	Written Examination	Written Test	Practical Skills Examination	Practical Skills Assessment	Oral Assessment
Core Modules Stage 1	Equine Genetics* Equine Functional Anatomy Equine Industry				A (100) Seen Written Examination	A (100) Test Series A1 (25) Test A2 (25) Test		B (50) Practical Assessment Series	
	Fundamental Skills for the Equine Scientist <sup>⊤</sup>							A (100) Practical Assessment Series	
	Equine Veterinary Science								A (100) Group Oral Presentation with Questions individually marked
	Introduction to Equine Nutrition	B (50) Essay			A (50) Written Examination				
Core Modules Stage 2	Equine Exercise Physiology <sup>T</sup>					B (25) Test			A (75) Group Oral Presentation with Questions individually marked
	Equine Disease <sup>⊤</sup>	B (50) Coursework				A (50) Test			
	Equine Musculoskeletal Diagnostics <sup>T</sup>					B (25) Test		A (75) Practical Skills Assessment	

	Ground	B (40)					A (CO)	
	Schooling and Rehabilitation	Essay Based on a Case Study					A (60) Practical Skills Assessment	
	Introduction to Hydrotherapy					A (70) In-Class Test		B (30) Oral Presentation with Questions
	Research Methods for Equine Science <sup>T</sup>		A (50) Project Report				B (50) Practical Skills Logbook	
Optional Modules	Introduction to Equine Behaviour							A (100) Oral Presentation with Questions
Stage 2	Introduction to Equine Biomechanics <sup>T</sup>				A (100) Open-Material Written Examination			
	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
IPY	Integrated Placement Year			A (100) Industry Experience Portfolio				
Core Modules	Equine Therapy and Rehabilitation						A (100) Practical Skills Assessment	
Stage 3	Therapy in Practice			A (100) Coursework Portfolio				
	Undergraduate Dissertation <sup>T</sup>		A (100) Project Report					
Optional Modules	Developments in Equine Research <sup>T</sup>		B (25) Poster Report				A (75) Practical Skills Logbook	

Stage 3	Applied Equine Biomechanics <sup>T</sup>								A (100) Poster Defence	
	Equine Sports	B (50)				A (50)				
	Medicine	Coursework				Test				
	Equine Ethics								A (100)	
	and Welfare								Poster Defence	
* Indicative	dicative assessment types for new students enrolling on this programme after the date this specification takes effect (Part 1) are shown in									
	Irsework, Writter							( )		
achieve and d	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:	BSc (Hons) Equine Science with Therapy
Programme Code:	BSHEESTX
Initial Approval Date:	31 <sup>st</sup> August 2018

Changes: Most recent at the top of the page

Current version number: 6.0								
	e Sports Medicine (HEQV4N-15-6) changed from Written							
Material Alteration: No								
	continue the format that has been running for the last three years, rms of student experience, student engagement and real-world							
/ I can confirm that colleagues impa	<b>ak</b> tatives have been consulted about this change acted by this change have been consulted e consultations, which will be summarized within the Programme							
Signature: Date: 07/07/2022								
I can confirm that this change doe	es not require a change to the HECOS code							
Signature: CARMEN	<b>Date</b> : 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:	6.1							

## Current version number: 5.3

Outline Change Details:

Programme spec updated onto the new template.

Updates to course information on front page.

Module structure updated in line with changes made across other programmes to ensure a suitable module diet and ability to meet LOs.

LOs transferred and mapped accordingly.

Third order assessment types confirmed.

Material Alteration: Yes (This course is closed for recruitment and therefore are no applicants)	
<b>Rationale:</b> Changes required due to other programmes being updated as part of strategic review, and also the Refresh process.	
<ul> <li>Change requested by: Rachel Collins         <ul> <li>✓ I can confirm that student representatives have been consulted about this change</li> <li>✓ I can confirm that colleagues impacted by this change have been consulted</li> <li>✓ I have retained evidence of these consultations, which will be summarized within the Programme Enhancement Report</li> </ul> </li> </ul>	
Signature: R Collins Date: 17/03/2022	
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	
Signature: C Porter	Date: 17/03/2022
Approval Committee and Date:	Curriculum Validation Committee action 2022 03 21
Change approved with effect from:	01 September 2022
Resulting new version number:	6.0 (2019 intake onwards)