HARTPURY UNIVERSITY

Programme Specification

Part 1: Basic Data			
Primary Programme Title	BSc (Hons) Equine Dental Science		
Target Award Titles	**Mode and Typical Duration of Study**	**Professional Accrediting Body Links**	**Study Abroad / Exchange / Credit Recognition**
BSc (Hons) Equine Dental Science	Stage 0 entry: Full time 4 years Part time 8 years Stage 1 entry: Full time 3 years Part time 6 years	**None**	**None**
Interim Award Titles	BSc Equine Dental Science BSc Equine Studies Diploma of Higher Education in Equine Studies Certificate of Higher Education in Equine Studies Undergraduate Certificate in Equine Studies Undergraduate Award in Equine Studies Higher Education Foundation Certificate in Academic Skills Higher Education Foundation Award 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	**BSHEEDSX**		
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	13 March 2024	**Due for Re-validation By**	01 September 2029
Amendment Approval Date	V1.1 - 07 April 2025 V1.2 - 28 July 2026	**Approved With Effect From**	V1.1 - 01 September 2024 V1.1 - 01 September 2025 V1.2 - 01 September 2026
Professional Accrediting Body Approval Date	N/A	**Date For Re-accreditation**	N/A
Version	1.2		

Part 2: Programme Overview
BSc (Hons) Equine Dental Science graduates have specialist scientific and professional skills and knowledge applicable to equine dental health. Through specialist teaching and the mentorship of a British Association of Equine Dental Technicians (BAEDT) accredited technician or veterinarian, they have gained technical skills within the laboratory and skills important for handling, caring for and assessing the dental health of equids, as well as specialist knowledge of the pathology and treatment of dental disorders is a key focus of this degree. Graduates have also developed commercial business and client communication skills in order for them to be best placed upon to excel as a professional-minded accredited Equine Dental Technician*. *Students who successfully complete the award will be exempt from the written component of the British Equine Veterinary Association (BEVA) / British Veterinary Dental Association (BVDA) Equine Dental Technicians examination but will still need to pass the BEVA / BVDA practical assessment to be able to practice legally as an Equine Dental Technician in the UK.

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 + core modules marked + are not eligible for compensation [1] these modules are accredited by a professional awarding body, but are not subject to variant regulations [AV] these modules are subject to additional and variant regulations but are not accredited by a professional awarding body

	Core Modules	Optional Modules	Target and Interim Awards
Stage 0	HANVRD-30-3 Professional Development in Practice HANVQK-30-3 Biological Principles for Land-Based Scientists HEQVSC-30-3 Equine Studies HANVQX-15-3 Academic Literacy for University Studies HANVRR-15-3 Exploring Current Concepts		Higher Education Foundation Award in Academic Skills Higher Education Foundation Certificate in Academic Skills
	To progress to stage 1 you must achieve at least 90 credits.		

Stage 1	HEQVS8-45-4 + AV Introduction to Equine Dentistry and Dental Instrumentation HEQVSD-15-4 + AV Equine Head and Dental Anatomy HEQVFB-30-4 Professional Development and Influence within the Equestrian Sector HEQVC6-15-4 Introduction to Equine Nutrition HEQXNK-15-4 Equine Industry		Undergraduate Award in Equine Studies Undergraduate Certificate in Equine Studies Certificate of Higher Education in Equine Studies
	To progress to stage 2 you must achieve at least 90 credits.		
Stage 2	HEQVSJ-30-5 + AV Equine Dental Examination HEQVSE-30-5 + AV Equine Dental Pathology and Diagnostics HEQVSM-30-5 + AV Routine Equine Dental Procedures HEQVSK-15-5 Business Management for Equine Dental Technicians HEQVJU-15-5 Equestrian Media Relations		Diploma of Higher Education in Equine Studies
	To progress to stage 3 you must achieve at least 210 credits.		

Stage 3	HEQVS7-30-6 + AV Advanced Equine Dental Procedures HANV3S-30-6 Applied Research Project HEQV7S-15-6 Sales, Negotiation and Customer Service HEQVKW-15-6 Creating Equestrian Content for Media Platforms HEQVMB-30-6 Developments in Equine Research		<u>BSc Equine Studies</u> <u>BSc Equine Dental Science</u> This must include: HEQVS8-45-4, HEQVSD-15-4, HEQVSJ-30-5, HEQVSE-30-5, HEQVSM-30-5, HEQVS7-30-6 <u>BSc (Hons) Equine Dental Science</u>

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:	**Introduction to Equine Dentistry and Dental Instrumentation**	**Equine Head and Dental Anatomy**	**Professional Development and Influence within the Equestrian Sector**	**Introduction to Equine Nutrition**	**Equine Industry**	**Equine Dental Examination**	**Equine Dental Pathology and Diagnostics**	**Routine Equine Dental Procedures**	**Business Management for Equine Dental Technicians**	**Equestrian Media Relations**	**Advanced Equine Dental Procedures**	**Applied Research Project**	**Sales, Negotiation and Customer Service**	**Creating Equestrian Content for Media Platforms**	**Developments in Equine Research**
A) Knowledge and Understanding of:															
1. Equine dental health and its relationship to equine health, performance and wellbeing		B		A			A				B				
2. Dental and oral anatomy and industry-recognised identification systems for dental structures	B	A				A		B			B				
3. Behavioural indicators of wellbeing, excitement and pain in the equid	B					A		A			A				
4. A range of techniques in equine dental science to allow successful diagnosis and treatment of dental pathologies	B						A	A			A				
5. The range of techniques in equine dental practice to allow successful management of a dental case	A					A		A			A				
6. Current developments in equine dental science and related disciplines to support continuing best practice	B			B	B						A	A			A
7. Legislative, ethical and professional constraints related to equine dental practice in the United Kingdom and Internationally	A				B			A	B		A				
8. Principles and practices for modern business management			B		B				A				A	B	

9. The roles and responsibilities of the inter-professional health care team.	B			B		B	B	A			A					
B) Intellectual Skills																
1. Demonstrate a critical awareness of the factors that contribute to dental health in the equid		B		B			B	B			A					
2. Critically evaluate and apply research to propose and justify humane and effective management and treatment of a range of equine cases	B					B	A	A			A					
3. Critically analyse how theory and practice within equine dental science interact to highlight areas where further investigation are needed	B	B		B		B	A	B			B	A				
4. Appraise current research in the field of business management to propose realistic and effective management practices for equestrian businesses	B								A	A			B			
C) Performance and Practice																
1. Identify and implement measures to ensure a safe environment for performing equine dentistry	B				B	A	B	A			A					
2. Demonstrate the procedures for clinical examination of the equine oral cavity, including recording of findings in the form of dental charts	B	B				A		A			A					
3. Apply knowledge of the precautions necessary to minimise cross contamination when performing equine examination	B					A		A			A					
4. Articulate and employ sound business practices to support effective management of an equine dental practice and client relationships	B								A	A						
5. Communicate effectively with varied stakeholders from diverse backgrounds establishing professional and ethical relationships	B				B	B	B	B	B	B	A		A	A		
6. Be able to create industry ready professional media and viral creative content					B				B	A				A		
7. Identify and propose sustainable business practices within the remit of the equine dentistry	B								A				A			
8.Work within the limitations of you own professional boundaries and competence.	B					B	B	A			A					
9. Recognise welfare indicators in the equid and act to promote optimal wellbeing	B					A		A			A					
10. Employ data analysis to support arguments and to investigate theories relating to equine dental science							A					A				
D) Setting, Personal and Enabling Skills																

1. Communicate using written and verbal approaches using academic and professional terminology to inform and educate		A	B	B		A			A		A	A		A	A
2. Apply the standards and practices required both within the equine dental industry and by the wider equine owning population	B					A	B	A			A				
3. Develop a reflective philosophy when analysing personal effectiveness and considering personal wellbeing, management and development	A		A			A					B	B			
4. Utilise problem solving skills in a variety of theoretical and vocational situations	A	B	B			A	A	A			A	A			
5. Recognise and understand relationships, work collaboratively and effectively with a mentor and within a treatment team, showing proactive leadership in a professional manner within the context of the environment	B					B	B	A			A				

Part 5: Learning, Teaching and Assessment

Learning, Teaching and Assessment Journey:

On the BSc (Hons) Equine Dental Science programme teaching is a mix of scheduled and independent learning. For this programme practical skills are a core component, underpinned by clinical reasoning, and directly linked to BEVA and BAEDT professional practice requirements, and for that reason all modules are compulsory, with no optionality offered.

Students will be supported to develop vocational skills and experience at all stages of the programme through the allocation of a BAEDT accredited mentor with whom they will observe dental examinations, procedures, treatments and professional practice. This will prepare students for all aspects of dental practice while supporting their academic development and will offer the opportunity for them to build professional relationships in the equine industry. Students will develop and demonstrate practical competencies associated with dental practice, which their mentor will assess throughout their placement. They will build evidence, in the form of dental charts, for their submission for the BEVA / BVDA exam during the placement.

At foundation level, content is designed to prepare students for undergraduate study, and as such introduces research and academic skills alongside subject-specific knowledge to support their transition to stage 1. The broad assessment strategy at this level will scaffold skills development for subsequent stages and ensure that fundamental academic skills and knowledge has been attained. Within the Foundation stage students are supported to adjust to studying at university through spiral induction and embedded academic personal tutoring activities that facilitate the development of skills essential to academic study and professional success. During each stage of their programme a student will be allocated an academic personal tutor.

At stage 1 students will gain underpinning knowledge of head and dental anatomy, the equine industry and principles of equine nutrition to support their initial teaching and mentorship within equine dentistry. They will be introduced to dental tooling and equipment and develop key vocational skills such as identification of equine behaviour and handling. Furthermore at this stage the programme will establish graduate skills to underpin reflective practice, communication and development of professional relationships. The assessment strategy at this stage is designed to ensure that foundation knowledge and skills have been established, and formative activities and assessments will be utilised throughout delivery to support and prepare students. Both individual and group assessments will be utilised; group work will support development and application of problem-solving and communication skills within a tutor-led environment. Students will be supported to adjust to university life and study through spiral induction and embedded academic personal tutoring, and will be encouraged to form cohort and wider relationships through programme-specific modules and modules shared with other programmes at this and subsequent stages. During this stage students will also be paired with a BAEDT accredited technician or veterinarian, by whom they will be mentored for approximately two years.

During stage 2 there is a heavy emphasis on developing technical, vocational and business management skills for equine dentistry. Students will develop and practice routine dental examinations and treatments under tutor and mentor supervision, and develop knowledge of dental and oral pathologies, building evidence-based treatment plans for these. Development of graduate attributes including communicating with

Part 5: Learning, Teaching and Assessment
varied stakeholders and the public, self-awareness and –management and industry consciousness will be facilitated through business and media relations modules, as well as during placement hours during both semesters. Students will also gain skills for the final stage research project and critical thinking through delivery of underpinning concepts such as research design, data collection and analysis, and scientific writing. The assessment strategy at this stage requires students to synthesise information to evaluate and justify treatment plans for a range of cases. Practical competencies will be established through regular assessment by the mentor, and students will start to compile the dental charts required to become BEVA/BVDA accredited technicians. In-line with the BEVA/BVDA exam requirements students will be individually assessed at this and the subsequent stage, however they will continue to develop their ability to work with others during taught sessions and formative assessments. At stage 3 students will continue to develop the complex skills required for dental treatment and diagnosis, while also gaining skills to succeed as a small business within the equine industry. They will appreciate the importance of continuous development as graduates, developing currency in their knowledge and practice through engagement with scientific research and academics, and contemporary business practices. The final year research project will provide the opportunity to contribute to current knowledge on equine dental science and will draw on the breadth of students' knowledge, experience and academic skills, additionally developing their ability to manage projects. In assessments students will apply critical thinking to the synthesis of evidence to support their judgements and actions. They will continue to confirm practical competencies for category 1 and 2 procedures with their mentor and seek to collate advanced dental charts with veterinary practitioners.
This programme will be assessed according to the approved Academic Regulations and subject to variant regulations AV1 and AV3. 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: Advanced Equine Dental Procedures
Professional Accrediting Body documents to which this programme is mapped and or aligned: British Equine Veterinary Association/British Veterinary Dental Association

Assessment Map

		Type of Assessment*							
		Coursework	Report	Portfolio	Written Examination	Written Test	Practical Skills Examination	Practical Skills Assessment	Oral Assessment
Core Modules Stage 0	Academic Literacy for University Students							A (100) Graduate Skills Logbook	
	Professional Development in Practice			A (100) Industry Experience Portfolio					
	Exploring Current Concepts	A1 (20) Coursework A2 (80) Essay Based on a Case Study							
	Equine Studies				A (50) Written Examination				B (50) Group Oral Presentation with Questions, individually marked
	Biological Principles for Land-Based Scientists					B (50) Test Series		A (50) Practical Skills Logbook	

Core Modules Stage 1	Introduction to Equine Dentistry and Dental Instrumentation			A (25) Industry Experience Portfolio				A (75) Practical Assessment Series	
	Equine Head and Dental Anatomy							A (100) Practical Skills Assessment	
	Professional Development and Influence within the Equestrian Sector			B (60) Reflective Portfolio					A (40) Group Oral Assessment with a group mark
	Introduction to Equine Nutrition	B (50) Essay			A (50) Written Examination				
	Equine Industry	B (50) Poster Coursework				A1 (50) Test			
Core Modules Stage 2	Equine Dental Examination			B (25) Industry Experience Portfolio				A (75) Practical Skills Assessment	
	Equine Dental Pathology and Diagnostics				B (50) Written Examination				A (50) Poster Defence
	Routine Equine Dental Procedures							A (100) Practical Skills Logbook	
	Business Management for Equine Dental Technicians								A (100) Oral Presentation with Questions
	Equestrian Media Relations			A (100) Coursework Portfolio					

Core Modules Stage 3	Advanced Equine Dental Procedures			A (50) Industry Experience Portfolio				B1 (25) Practical Skills Assessment	B2 (25) Oral Presentation with Questions
	Applied Research Project		A (100) Project Report						
	Sales, Negotiation and Customer Service								A (100) Oral Presentation with Questions
	Creating Equestrian Content for Media Platforms		A (100) Project Report						
	Developments in Equine Research		B (25) Poster Report					A (75) Practical Skills Logbook	

*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).

Approved Programme Amendment Log

Primary Programme Title:	BSc (Hons) Equine Dental Science
Programme Code:	BSHEEDSX
Initial Approval Date:	13 March 2024

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

Current version number: 1.1

Outline Change Details:
Part 5: Assessment Map – updated to reflect change of assessment to Level 4 module Equine Industry, from A2 Test removed, B (50) Poster Coursework added.

Do the changes presented alter the mapping against the Hartpury University Curriculum Framework (delete as appropriate)? No

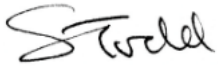
If yes, please provide the details of the changes:

Material Alteration: No

Rationale:
To ensure accuracy following module amendment: the assessment has been changed to a format that is more aligned with current professional practice.

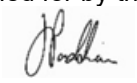
Change requested by: Sarah Todd

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**: 24.7.26

Name of Head of Department: Jenny Paddison

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**: 28/07/2026

Approval Committee and Date:	CVC action 2026 07 28 (from CVC 2026 07 16)
Change approved with effect from:	01 September 2026
Resulting new version number:	1.2

Current version number: 1.0

Outline Change Details: Parts 1 and 3: interim awards updated in line with current regulations - Undergraduate Award in Equine Studies and Higher Education Foundation Award added, Certificate in Academic Skills removed.

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: No

Rationale: To ensure accuracy

Change requested by: RCollins

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 **Signature**: RCollins **Date**:04-03-25
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**: 13/03/25

Approval Committee and Date:	CVC Chair's action (SD) 2025 04 07
Change approved with effect from:	01 September 2025
Resulting new version number:	1.1

Outline Change Details: New programme.	
Approval Committee and Date:	CVC Chair's action 2024 03 13
Change approved with effect from:	01 September 2024
Resulting new version number:	1.0