

## Programme Specification

Part 1: Basic Data			
<b>Awarding Institution</b>	Hartpury University		
<b>Teaching Institution</b>	Hartpury		
<b>Delivery Location</b>	Hartpury		
<b>Study abroad / Exchange / Credit recognition</b>	None		
<b>Department responsible for programme</b>	Animal		
<b>Programme Title</b>	BSc (Hons) Bioveterinary Science		
<b>Professional Statutory or Regulatory Body Links</b>	None		
<b>Highest Award Title</b>	BSc (Hons) Bioveterinary Science BSc (Hons) Bioveterinary Science with Integrated Placement Year		
<b>Default Award Title</b>	None.		
<b>Interim Award Titles</b>	BSc Bioveterinary Science BSc Bioveterinary Science with Integrated Placement Year Diploma of Higher Education in Animal Studies Certificate of Higher Education in Animal Studies Certificate in Animal Studies Higher Education Foundation Certificate		
<b>Mode(s) of Study</b>	Full time / Part time		
<b>Codes</b>	<b>UCAS:</b> Year 1: D390A Foundation Year: DF90	<b>UNIT e:</b> BSHABVSX	
<b>Relevant QAA Subject Benchmark Statements</b>	Agriculture, Horticulture, Forestry, Nutrition Food and Consumer Sciences. Veterinary Science		
<b>Last Major Approval Date</b>	31 August 2018	<b>Valid from</b>	1 September 2018
<b>Amendment Approval Date</b>	V3.0 – 13 February 2019 V3.1 – 5 March 2020	<b>Amended with effect from</b>	V3.0- 01 September 2019 V3.1 – 01 September 2020
<b>Version</b>	3.1		
<b>Review Due By</b>	1 September 2024		

## **Part 2: Educational Aims of the Programme**

The programme focuses on preparing individuals to become competent, flexible and accountable bioveterinary science practitioners. It enables the student to gain a working understanding and critical awareness of the problems and/or new insights in the field of bioveterinary science, including issues pertaining to the area of diagnostic techniques and animal health. The programme will prepare the learner with a foundation for lifelong learning and enable them to:

- 1 Build on basic scientific principles to develop a knowledge and understanding of the animal both in health and disease
- 2 Apply practical laboratory skills and diagnostic techniques.
- 3 Think constructively and critically, discuss and evaluate concepts and theories, propose sound and reasoned solutions to problems
- 4 Meet the needs of the industry sector providing the foundation for a range of careers.
- 5 Transfer skills to different working environments
- 6 Apply critical thinking skills and independent decision making on issues pertaining to the analysis of animal health and diseases
- 7 Undertake an in depth and sustained piece of work with minimal supervision.
- 8 Provides high quality education and professional development, supported by a strong base of creative and applicable research;
- 9 Enables students to progress into postgraduate study or research;
- 10 Subscribes and contributes to the philosophy and operation of the institutions Modular Scheme.

### **Programme requirements for the purposes of the Higher Education Achievement Record (HEAR)**

The qualification is defined by the range of topic streams within the programme which enable the student to tailor their qualification to their own areas of interest and career aspirations. Irrespective of subjects chosen, the programme will promote skills in critical enquiry and evaluation of current process and practices in Bioveterinary Science. Students will acquire current subject knowledge that can be applied to solve challenges within industry. Students choosing to complete a year work placement (minimum of 40 weeks) achieve the award title BSc (Hons) Bioveterinary Science (IP). An optional year work placement allows theory to be integrated into practice.

### Part 3: Programme Structure for BSc (Hons) Bioveterinary Science

This structure diagram demonstrates the student journey from Entry through to Graduation for a typical **full time student**, including:

- 1 level and credit requirements
- 2 Award requirements in addition to those in the Academic regulations
- 3 module diet, including compulsory and optional modules

		Compulsory Modules	Optional Modules	Awards
Foundation Year		Academic Skills in Practice (HANV8B-30-3) Foundation Animal Studies (HANV8G-15-3) Foundation Biological Principles (HANV8E-30-3) Foundation Skills Development (HANV8A-30-3) Reviewing Literature (HANV8C-15-3)	Not applicable.	<u>Higher Education Foundation Certificate</u>
	Year 1	Anatomy and Physiology (HANXNW-30-4) Animal Behaviour & Welfare (HANV83-15-4) Animal Genetics (HANXNV-15-4) Animal Health and Disease (HANXKK-15-4) Animal Nutrition (HANXK5-15-4) Biochemistry (HANXNY-15-4) Fundamental Skills for the Animal Scientist (HANV69-15-4)	Not applicable.	<u>Cert Animal Studies</u> <u>Cert HE Animal Studies</u>
	Year 2	Applied Animal Health and Disease (HANXSN-30-5) Pathology (HANXT9-15-5) Undergraduate Research Process (HANXU5-15-5)	Students are normally required to select 60 credits from the optional modules listed below:  Animal Microbiology (HANXRK-15-5) Animal Production (HANXSL-15-5) Animal Structure and Motion (HANV6A-15-5) Animal Therapy 1 (HANXU4-15-5) Independent Report (HANRXR-15-5) International Academic Study Extended Project (HANXRR-45-5) International Academic Study Portfolio (HANXRP-15-5) International Academic Study Project (HANXRQ-30-5) Management of Domestic Animals (HANXT8-30-5)	<u>Dip HE Animal Studies</u>

	Optional Year	Year Work Placement (HANVK6-15-5)		
	Year 3	Animal Disease (HANV3J-30-6)  Undergraduate Dissertation (HANV3R-45-6)	<p>Students are normally required to select 45 credits from the optional modules listed below:</p> <p>Advanced Animal Microbiology (HANV4T-15-6)</p> <p>Advanced Animal Production (HANV4V-15-6)</p> <p>Animal Therapy 2 (HANV36-15-6)</p> <p>Developments in Animal Science (HANV3G-15-6)</p> <p>Epidemiology (HANV3H-15-6)</p> <p>Pharmacology (HANV3L-15-6)</p> <p>Undergraduate Independent Study (HANV3M-15-6)</p>	<p><u>BSc Bioveterinary Science</u></p> <p><u>BSc Bioveterinary Science with Integrated Placement Year</u> Must include the year work placement module.</p> <p><u>BSc (Hons) Bioveterinary Science</u></p> <p><u>BSc (Hons) Bioveterinary Science with Integrated Placement Year</u> Must include the year work placement module.</p>

**Part time:**

The following structure diagram demonstrates the student journey from Entry through to Graduation for a typical **part time student**.

		Compulsory Modules	Optional Modules	Awards
	Year 1.1	Anatomy and Physiology (HANXNW-30-4) Animal Genetics (HANXNV-15-4) Biochemistry (HANXNY-15-4) Fundamental Skills for the Animal Scientist (HANV69-15-4)		<u>Cert Bioveterinary Science</u> <u>CertHE Bioveterinary Science</u> <u>DipHE Bioveterinary Science</u> <u>BSc Bioveterinary Science</u> <u>BSc Bioveterinary Science with Integrated Placement Year</u>
	Year 1.2	Animal Behaviour and Welfare (HANV83-15-4) Animal Health and Disease (HANXKK-15-4) Animal Nutrition (HANXK5-15-4) Biochemistry (HANXNY-15-4)		Must include the year work placement module. <u>BSc (Hons) Bioveterinary Science</u> <u>BSc (Hons) Bioveterinary Science with Integrated Placement Year</u>
	Year 2.1	Applied Animal Health and Disease (HANXSN-30-5)	Animal Reproductive Physiology (HANXRM-15-5) Animal Structure and Motion (HANXU4-15-5) Animal Therapy 1 (HANXU4-15-5) Management of Domestic Animals (HANXT8-30-5)	
	Year 2.2	Pathology (HANXT9-15-5) Undergraduate Research Process (HANXU5-15-5)	Animal Microbiology (HANXRK-15-5) Animal Production (HANXSL-15-5) Independent Report (HANRX-15-5)	
	Optional Year	Year Work Placement (HANVK6-15-5)		
	Year 3.1	Animal Disease (HANV3J-30-6)	Animal Therapy 2 (HANV36-15-6) Epidemiology (HANV3H-15-6) Pharmacology (HANV3L-15-6) Undergraduate Independent Study (HANV3M-15-6)	
	Year 3.2	Undergraduate Dissertation (HANV3R-45-6)	Advanced Animal Microbiology (HANV4T-15-6) Advanced Animal Production (HANV4V-15-6) Developments in Animal Science (HANV3G-15-6)	

**Part 4: Learning Outcomes of the Programme**

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

<b>Learning Outcomes:</b>		Anatomy and Physiology	Biochemistry	Animal Genetics	Animal Behaviour and Welfare	Animal Health and Disease	Fundamental Skills for the Animal Scientist	Animal Nutrition	Applied Animal Health and Disease	Undergraduate Research Process	Animal Therapy 1	Management of Domestic Animals	Pathology	Animal Microbiology	Animal Production	Independent Report	International Academic Study Portfolio	International Academic Study Project	International Academic Study External Project	Animal Structure and Motion	Year Work Placement	Undergraduate Dissertation	Pharmacology	Animal Disease	Epidemiology	Advanced Animal Production	Undergraduate Independent Study	Advanced Animal Microbiology	Animal Therapy 2	Developments in Animal Science
1	An understanding, and a critical awareness of the problems and/or new insights in the field of bioveterinary science including issues pertaining to the area of diagnostic techniques and animal health.				✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓				✓	✓	✓
2	Comprehension of anatomical, physiological and nutritional principles related to animal health and disease.	✓	✓	✓			✓	✓		✓	✓	✓		✓			✓	✓	✓	✓		✓	✓						✓	
3	An understanding of the different modes of disease transmission, and the effects on individuals and populations.				✓	✓		✓		✓	✓	✓	✓				✓	✓	✓				✓	✓		✓				

<b>Learning Outcomes:</b>		<b>Anatomy and Physiology</b>	<b>Biochemistry</b>	<b>Animal Genetics</b>	<b>Animal Behaviour and Welfare</b>	<b>Animal Health and Disease</b>	<b>Fundamental Skills for the Animal Scientist</b>	<b>Animal Nutrition</b>	<b>Applied Animal Health and Disease</b>	<b>Undergraduate Research Process</b>	<b>Animal Therapy 1</b>	<b>Management of Domestic Animals</b>	<b>Pathology</b>	<b>Animal Microbiology</b>	<b>Animal P production</b>	<b>Independent Report</b>	<b>International Academic Study Portfolio</b>	<b>International Academic Study Project</b>	<b>International Academic Study External Project</b>	<b>Animal Structure and Motion</b>	<b>Year Work Placement</b>	<b>Undergraduate Dissertation</b>	<b>Pharmacology</b>	<b>Animal Disease</b>	<b>Epidemiology</b>	<b>Advanced Animal Production</b>	<b>Undergraduate Independent Study</b>	<b>Advanced Animal Microbiology</b>	<b>Animal Therapy 2</b>	<b>Developments in Animal Science</b>
4	The skills and ability to perform laboratory tests relevant to given situations and evaluate the validity of test results within the context of the clinical case.	<	<					<					<	<		<	<	<	<	<		<								
5	The ability to apply the knowledge gained during the programme, together with an understanding of how established techniques of research and enquiry are used to create and interpret knowledge in the applied science discipline.				<				<						<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1	Use problem solving skills and decision making strategies to support test results in the context of the clinical case.	<	<					<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
2	Use skills of reflection, evaluation and critical thinking to support effective diagnostic techniques in the bioveterinary context.				<				<	<	<	<	<	<	<	<	<	<	<	<			<		<	<	<	<	<	<
3	Demonstrate the ability to apply critical evaluation and informed decision making when undertaking diagnostic techniques in relation to animals both in health and sickness.			<	<	<			<		<	<	<	<	<	<	<	<	<	<		<	<	<	<	<	<	<	<	<

<b>Learning Outcomes:</b>		Anatomy and Physiology	Biochemistry	Animal Genetics	Animal Behaviour and Welfare	Animal Health and Disease	Fundamental Skills for the Animal Scientist	Animal Nutrition	Applied Animal Health and Disease	Undergraduate Research Process	Animal Therapy 1	Management of Domestic Animals	Pathology	Animal Microbiology	Animal P production	Independent Report	International Academic Study Portfolio	International Academic Study Project	International Academic Study External Project	Animal Structure and Motion	Year Work Placement	Undergraduate Dissertation	Pharmacology	Animal Disease	Epidemiology	Advanced Animal Production	Undergraduate Independent Study	Advanced Animal Microbiology	Animal Therapy 2	Developments in Animal Science
4	Demonstrate the ability to undertake sustained study applying deeper cognitive learning to an aspect of animal health/disease.								✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Critically evaluate an aspect of bioveterinary science based on systematic rigorous research processes which highlights both implications and recommendations for developing current and future diagnostic practice.								✓						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Demonstrate a commitment to continuing professional development and lifelong learning through the development of skills in relation to self-directed and independent study.	✓	✓	✓	✓	✓	✓	✓							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1	Undertake skilled and competent evaluative and practical bioveterinary skills	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓		✓		✓			✓	✓		✓
2	Communicate effectively with individuals, clients and veterinary surgeons, establishing professional and ethical relationships					✓		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓			✓	✓				✓	✓		
3	Maintain the standards and practices required of the industry					✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓



4	Recognise moral/ethical dilemmas and issues.	<b>Learning Outcomes:</b>	
		Anatomy and Physiology	
		Biochemistry	
		Animal Genetics	
		Animal Behaviour and Welfare	<
		Animal Health and Disease	
		Fundamental Skills for the Animal Scientist	<
		Animal Nutrition	
		<b>Applied Animal Health and Disease</b>	<
		<b>Undergraduate Research Process</b>	
		Animal Therapy 1	
		Management of Domestic Animals	
		<b>Pathology</b>	
		Animal Microbiology	
		Animal Production	<
		Independent Report	
		International Academic Study Portfolio	<
		International Academic Study Project	<
		International Academic Study External Project	<
		Animal Structure and Motion	<
		<b>Year Work Placement</b>	
		<b>Undergraduate Dissertation</b>	<
		Pharmacology	<
		<b>Animal Disease</b>	
		Epidemiology	<
Advanced Animal Production	<		
Undergraduate Independent Study			
Advanced Animal Microbiology			
Animal Therapy 2	<		
Developments in Animal Science	<		

<b>Learning Outcomes:</b>		<b>Anatomy and Physiology</b>	<b>Biochemistry</b>	<b>Animal Genetics</b>	<b>Animal Behaviour and Welfare</b>	<b>Animal Health and Disease</b>	<b>Fundamental Skills for the Animal Scientist</b>	<b>Animal Nutrition</b>	<b>Applied Animal Health and Disease</b>	<b>Undergraduate Research Process</b>	<b>Animal Therapy 1</b>	<b>Management of Domestic Animals</b>	<b>Pathology</b>	<b>Animal Microbiology</b>	<b>Animal P production</b>	<b>Independent Report</b>	<b>International Academic Study Portfolio</b>	<b>International Academic Study Project</b>	<b>International Academic Study External Project</b>	<b>Animal Structure and Motion</b>	<b>Year Work Placement</b>	<b>Undergraduate Dissertation</b>	<b>Pharmacology</b>	<b>Animal Disease</b>	<b>Epidemiology</b>	<b>Advanced Animal Production</b>	<b>Undergraduate Independent Study</b>	<b>Advanced Animal Microbiology</b>	<b>Animal Therapy 2</b>	<b>Developments in Animal Science</b>
1	Communicate effectively with a wide range of individuals using a variety of means;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Evaluate their own academic, vocational and professional performance;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Utilise problem solving skills in a variety of theoretical and practical situations;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Manage change effectively and respond to changing demands;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Take responsibility for personal and professional learning and development;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Manage time, prioritise workloads and recognise and manage personal emotions and stress;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Understand career opportunities and challenges ahead and begin to plan a career path;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Use information management skills, for example; information technology, library resources, the use of information technology in the workplace.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## Part 5: Student Learning and Student Support

### Teaching and learning strategies to enable learning outcomes to be achieved and demonstrated

There is a policy for a minimum average requirement of 15 hours / week in year one and 12 hours / week contact time over the course of the full undergraduate programme. This contact time encompasses a range of face-to-face activities as described below. In addition, a range of other learning activities will be embedded within the programme which, together with the contact time, will enable learning outcomes to be achieved and demonstrated.

On the BSc (Hons) Bioveterinary Science programme there is a mixture of teaching approaches including:

#### Scheduled Learning

Includes lectures, seminars, tutorials, project supervision, demonstration, practical classes and workshops; fieldwork and external visits. Scheduled sessions may vary slightly depending on the module choices made. Within the Foundation Year a feature will be the facilitated workshops and individual study, enabling students to benefit from small-group study.

#### Independent Learning

Includes the hours engaged with essential reading, case study preparation, assignment preparation and completion etc. Scheduled sessions may vary slightly depending on the module choices made.

#### Placement Learning

This programme includes an optional year work placement which provides students with the opportunity to enhance their programme experience through learning in the workplace. The student is responsible for finding their work placement, but will be supported through their completion of the work placement module.

#### International Academic Study

Within this programme there is an opportunity to gain academic credit for a period of studying abroad. The student would be supported to identify an opportunity of interest, which may be with established institution partners or by individual arrangement. All periods of study abroad would have to meet the institutions requirements before enrolment on the International Academic Study opportunity modules.

#### Virtual Learning Environment (VLE) (or equivalent)

This specification is supported by a VLE where students will be able to find all necessary module information. Direct links to information sources will also be provided from within a VLE.

#### Careers

To support learner's career preparations, careers personnel visit the institution on a regular basis and the students can use all the on line resources. Tutors will also offer subject specific careers advice through module sessions or individual tutorials. Careers Fairs are arranged periodically to allow students to engage directly with employers from the industry sector.

### Description of any Distinctive Features

The purpose of the programme is to provide a balance of vocational and academic study that is intellectually challenging, vocationally relevant, and provides a foundation for pursuing a career progress within the bioveterinary industry. Academic knowledge and understanding reinforces and supports the development of vocational skills equipping the student with the ability and knowledge relevant to their employment and to the needs of employers.

Having entry points into both a Foundation Year and Level Four, enables the programme experience to facilitate the development of a successful undergraduate supporting a wide range of study backgrounds. The Foundation Year will prepare students with general study skills and opportunities to develop subject specific skills and knowledge. Additionally the Foundation year includes an internship enabling a student

to put their skills into practice and develop an early appreciation of employment opportunities and attributes necessary for enhanced employability.

The programme has been designed to build on the competencies of a wide spectrum of students who should be capable of taking up appropriate positions of responsibility within the varied range of enterprises to be found in the veterinary/animal based industries. There has been substantial dialogue with the veterinary industry and the Royal College of Veterinary Surgeons (RCVS), thus identifying current needs in Veterinary Practices and associated professions.

Core modules in first year provide the student with a basic understanding of the physiology of animals in relation to anatomy and nutrition as well as developing investigative skills for research. This knowledge is extended in the subsequent modules at year 2 with the optional modules enabling the student to specialise in areas of particular interest to them. Students have the opportunity to study not only small companion animals but also exotic, equine and large animals. Final year students undertake independent study that allows in-depth study in an area of the learner's choice. The student will obtain an awareness of current issues within the animal/veterinary industries, and are able to evaluate that information. Through module choices the learner has the opportunity to specialise in their chosen route.

The institution prioritises student support. Key to that support is the tutorial system that complements the Graduate Development Programme operated throughout the institutions. Each student has a year tutor who guides the student throughout their study and will be key for the students when choosing modules. Students are strongly encouraged to utilise, and engage in, face-to-face tutorials with either their allocated personal tutor or their subject specific module tutors in order to support their academic development. Student Advisors are also available for more general academic support needs alongside the institutions Welfare Officer and the onsite counselling service provided by the institution. In addition to the documentation from the institution, students receive a student planner from the institution at the start of the academic year which introduces key aspects of studying at the institution. Much of this information is disseminated and explained in an induction week designed to be programme specific and establish a cohort identity to last the duration of the programme.

Learners are supported throughout the programme via the VLE, the institutions online web-based support. Access is available remotely and so the VLE provides students with access to academic materials relevant to their chosen modules and programme. Students are kept up-to-date with information via the announcements on the VLE and via the SMS text message service which the institution has engaged with.

The library service is highly supportive of the academic disciplines within the animal field and provides an extensive range of paper (textbooks and periodicals) and electronic (e-book, periodicals and database) resources relevant to the subject area. The library service and the programme teams are in constant contact to ensure that up-to-date, relevant material which supports the students' academic journey is provided.

This programme offers the opportunity for students to undertake an approved Exchange Programme, for an agreed period (one/two semesters), of overseas study at a higher education institution studying modules appropriate to their programme aims and which have been pre-approved by the Programme Manager. The Exchange Programme is dependent on an approved agreement between the institution and an approved International Institution for BSc (Hons) Bioveterinary Science.

## Part 6: Assessment

This module will be assessed according to the Academic Regulations published for the academic year on the website [www.hartpury.ac.uk](http://www.hartpury.ac.uk)

### Assessment Strategy

Assessment strategy to enable the learning outcomes to be achieved and demonstrated: Assessment within the Foundation Year had been designed to prepare a student for the assessment to come in following years. As such, it demonstrates a breadth of type and gradual introduction to the expectations for HE level study.

Module assessments are designed to apply the knowledge and experience gained from a wide range of learning opportunities to a real world context using a range of skills. Particular emphasis is placed on laboratory skills which may be used to underpin diagnosis and form the basis of research and as such practical exams and reports are an important feature of this programme's assessment strategy.

## Assessment Map: BSc (Hons) Bioveterinary Science

The programme encompasses a range of **assessment methods** and these are detailed in the following assessment map:

		Type of Assessment*									
		Unseen Written Exam	Open Book Written Exam	In-class Written Test	Practical Exam	Practical Skills Assessment	Oral assessment and/or presentation	Written Assignment	Report / Project	Dissertation	Portfolio
<b>Compulsory Modules Foundation Year</b>	Foundation Skills Development	A (25)				B (75)					
	Academic Skills in Practice						A (25)		B (75)		
	Reviewing Literature							(A100)			
	Foundation Animal Studies			B (50)			A (50)				
	Foundation Biological Principles				A (50)						B (50)
<b>Compulsory Modules Level 4</b>	Anatomy and Physiology	A (50)			A(25)				B (25)		
	Biochemistry			A(50)							B (50)
	Animal Health and Disease	A (70)							B (30)		
	Animal Genetics			B (25)			A (75)				
	Animal Behaviour and Welfare	A (50)						B (50)			
	Fundamental Skills for the Animal Scientist					A(100)					
	Animal Nutrition	A (50)							B (50)		
<b>Compulsory Modules Level 5</b>	Applied Animal Health and Disease	A (60)						B (40)			
	Pathology	A (75)			A (25)						
	Undergraduate Research Process								A/B (100)		
<b>Optional Modules Level 5</b>	Management of Domestic Animals					A (30)		B (70)			
	Animal Therapy 1						A (100)				
	Animal Microbiology	A (30)		A (20)				B (50)			
	Animal Production	A (50)							B (50)		
	Independent Report								A (100)		
	International Academic Study Portfolio										A (100)
	International Academic Study Project						A (25)				B (75)
	International Academic Study Extended Project						A (25)				B (75)
<b>Optional Year</b>	Year Work Placement										A (100)
<b>Compulsory Modules Level 6</b>	Undergraduate Dissertation									A (100)	
	Animal Disease	A (60)						B (40)			
<b>Optional Modules Level 6</b>	Pharmacology	A (80)					B (20)				
	Epidemiology	A (60)						B (40)			
	Undergraduate Independent Study								A (100)		
	Advanced Animal Production	A (60)						B (40)			

	Advanced Animal Microbiology	A (50)				B (50)				
	Animal Therapy 2	A (75)						B (25)		
	Developments in Animal Science	A (100)								

\*Assessment should be shown in terms of either **Written Exams**, **Practical exams**, or **Coursework** as indicated by the colour coding above.

## **Part 7: Entry Requirements**

Applicants will have achieved entry criteria appropriate for the year of entry, which can be found through the institutions website ([www.hartpury.ac.uk](http://www.hartpury.ac.uk)).

We also welcome applicants from a diverse range of backgrounds who do not have the entry requirements outlined above. Applicants will be considered on the basis of evidence of personal, professional and educational experience which indicates an applicant's ability to meet the demands of the programme. Where appropriate experience or learning has been gained prior to enrolment on the programme RPL/RPEL may be possible.

Applicants whose first language is not English must also gain a minimum IELTS score of 6.0 prior to entry onto the programme.



This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content and teaching, learning and assessment methods of individual modules can be found in module specifications, available on the Institution's website.



**Programme Amendment Log**

<b>Programme Title:</b>	BSc (Hons) Bioveterinary Science
<b>Programme Code:</b>	D390/BSHABVSX
<b>Initial Approval Date:</b>	01 September 2017
<b>Approved by:</b>	Hartpury Curriculum Approval Committee
<b>Approved until:</b>	01 September 2023
<b>Original version number:</b>	V1.0

**Changes:**

<b>Current version number:</b> 3.0	
<p><b>Outline Change Details:</b> Part 3: Animal Reproductive Physiology (HANXRM-15-5) removed as a second year option module. Change reflected in Part 4 and the Assessment Map</p> <p>Subsequent to CVC 25 February 2020, the following non-material amendments were made: (Approved by Lucy Dumbell, CSP Chair, 5 March 2020.)</p> <p>Interim awards updated in Parts 1 and 3: 'Higher Education Foundation Certificate' added, and Cert, Cert HE and Dip HE changed to Animal Studies.</p> <p>Assessment for Level 5 optional module Independent Report (HANXRX-15-5) changed to 100% coursework, in line with amendment to module.</p>	
<b>Material Alteration:</b> No	
<b>Rationale:</b> Following a wider review of curriculum and student experience, this module will no longer be offered due to low uptake and timetabling concerns.	
<p><b>Change requested by: Ben Brilot</b></p> <p><input type="checkbox"/> I can confirm that student representatives have been consulted about this change</p> <p><input checked="" type="checkbox"/> I can confirm that colleagues impacted by this change have been consulted</p> <p><input checked="" type="checkbox"/> I have retained evidence of these consultations, which will be summarized within the Programme Enhancement Report</p>	
<p><b>Signature:</b> </p>	<b>Date:</b> 27/01/2020
<p><b>Name of Head of Department: Rob Graham</b></p> <p><input checked="" type="checkbox"/> I confirm that this change does not require additional resources beyond the scope of those already present or planned for by the department</p>	
<p><b>Signature:</b> </p>	<b>Date:</b> 3 <sup>rd</sup> February 2020
<b>Approval Committee and Date:</b>	CSP Chair's action 05 03 2020
<b>Change approved with effect from:</b>	01 September 2020
<b>Resulting new version number:</b>	3.1 (intakes 2019+)

<b>Current version number: 2.2</b>	
<b>Rationale:</b> <u>Integrated Placement Year:</u> Addition of an optional integrated placement year has the potential to enhance student employability via allowing a year of work in the animal industry within their degree. This is based on enquiries from potential applicants and comments from past students/graduates who have addressed interest in such routes. This change has also been discussed with the student representatives and the proposal was well received.	
<b>Material Alteration: Yes and Course Information Sheet amended appropriately: Yes</b>	
<b>Outline Change Details:</b> <u>Integrated Placement Year:</u> An optional integrated placement year will be added. This would necessitate amendment of the course information sheet, and of the programme specification (e.g. 'Front page- mode of study' & 'Award titles', 'HEAR', 'Programme Structure- & Target award'; 'Learning Outcomes', 'Distinctive features', 'Assessment map') via addition of the Year Work Placement module (HANVK6-15-5) onto the map and mention of integrated placement year option throughout.	
<b>Change requested by:</b>	Dr Alison Wills
<b>CVC approval date:</b>	13 February 2019
<b>Change approved with effect from:</b>	01 September 2019
<b>New version number:</b>	3.0

<b>Current version number: 1.2</b>	
<b>Rationale: 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). 3. Removed BUWE B80. 4. Subject Benchmark Statements updated where required</b>	
<b>Material Alteration: Yes and Course Information Sheet amended appropriately: Not required</b>	
<b>Outline Change Details: 1. Part 1: Basic Data requires the Awarding Body to be amended from Hartpury College to Hartpury University.</b>	
<b>Change requested by:</b>	Academic Registrar
<b>CVC approval date:</b>	31 August 2018
<b>Change approved with effect from:</b>	01 September 2018
<b>New version number:</b>	2.2

#### Version 1.2 (2019 intake)

<b>Outline Change Details:</b> Adjustment of assessment for Animal Genetics HANXNV-15-4 To amend assessment from 100% Oral Presentation to 75% Oral Presentation and 25% In-Class Test	
<b>Rationale:</b> To improve assessment balance and student experience.	
<b>Change requested by:</b>	Rachel Collins

<b>CVC approval date:</b>	01 March 2018
<b>Change approved with effect from:</b>	01 September 2019

**Version 1.1 (2018 intake)**

<b>Rationale:</b> Over the past few years, a number of BSc (Hons) Bioveterinary Science students have conducted biomechanics based dissertation projects and had they been offered a module related to this topic, this would have supported them in the completion of their research and as such improved the programme experience. Biomechanics is a topic that interests students on this programme; therefore, it seems sensible to offer it to them as a level two module option. A number of students have expressed interest in the topic. Some students have also cited a lack of module choices at level two, so this would add to the variety of modules available without compromising individuality and identify of the programme.	
<b>Material Alteration: No and Course Information Sheet amended appropriately: No</b>	
<b>Outline Change Details:</b> Adding the module Animal Structure and Motion to the BSc (Hons) Bioveterinary Science programme as optional module.	
<b>Change requested by:</b>	Alison Wills
<b>CVC approval date:</b>	01 March 2018
<b>Change approved with effect from:</b>	01 September 2018
<b>New version number:</b>	V1.1