HARTPURY

PROGRAMME APPROVAL LOG

Programme Title:	BSc (Hons) Applied Animal Science with Therapy
Programme Code:	D322
Initial valid from Date:	01 September 2017
Approved by: (panel and date)	01 September 2017
Approved until:	01 September 2023

Changes:

Version 2.2

Outline Change Details: **The information had not been transferred over correctly when the programme changed from version 1 to 2. This has now been amended to correctly show; Introduction to Animal Welfare and Introduction to Animal Behaviour were removed at year 1. Animal Behaviour and Welfare HANV83-15-4 has replaced them.**	
Rationale: Incorrect information corrected.	
Change requested by:	Tamara Montrose
CVC approval date:	26 June 2018
Change approved with effect from:	01 September 2018

Version 2

Outline Change Details: **Introduction to Animal Welfare and Introduction to Animal Behaviour have been removed at year 1. Animal Behaviour and Welfare HANV83-15-4 has replaced them.**	
Rationale: In line with the change on the UWE specification	
Change requested by:	Rosie Scott-Ward
CVC approval date:	01 September 2017
Change approved with effect from:	01 September 2017

Version 1

Outline Change Details: **Transferred to be a Hartpury Programme.**	
Rationale: Hartpury now has TDAP	
Change requested by:	Rosie Scott-Ward
CVC approval date:	01 September 2017
Change approved with effect from:	01 September 2017

HARTPURY

Programme Specification

Part 1: Basic Data			
Awarding Institution	Hartpury College		
Teaching Institution	Hartpury		
Delivery Location	Hartpury		
Study abroad / Exchange / Credit recognition	None		
Department responsible for programme	Animal		
Programme Title	BSc (Hons) Applied Animal Science with Therapy		
Professional Statutory or Regulatory Body Links	None		
Highest Award Title	BSc (Hons) Applied Animal Science with Therapy BSc (Hons) Applied Animal Science with Therapy (SW)		
Default Award Title	BSc (Hons) Applied Animal Science BSc (Hons) Applied Animal Science (SW)		
Interim Award Titles	BSc Applied Animal Science with Therapy BSc Applied Animal Science DipHE Applied Animal Science CertHE Animal Science Cert Animal Science		
Mode(s) of Study	Full time/Sandwich/Part time		
Codes	**UCAS:** Year 1: D322 Foundation Year: DF22	**JACS:** D300	
		HESA:	
Relevant QAA Subject Benchmark Statements	Agriculture, Horticulture, Forestry, Food and Consumer Sciences.		
Last Major Approval Date	1 September 2017	**Valid from**	1 September 2016
Amendment Approval Date	26 June 2018	**Amended with effect from**	V2 - 1 September 2017 2.2- 1 September 2018
Version	2.2		
Review Due By	01 September 2023		

Part 2: Educational Aims of the Programme

The programme focuses on preparing individuals to become competent, flexible and accountable animal scientists with a specific focus on animal therapy. It enables students to gain a working understanding and critical awareness of the problems and/or new insights in the field of animal science, including issues pertaining to the area of animal therapy, health and management, through evidence based investigation.

The programme will prepare the learner with a foundation for lifelong learning and:

1. Builds on basic scientific principles to develop a knowledge and understanding of the animal in health and disease and uses this knowledge to study animals in the context of present day industry and environment.
2. Develops students to be able to evaluate the role of various therapeutic techniques within performance and rehabilitation regimens used in animal species.
3. Provides students with the opportunity to think constructively and critically, discuss and evaluate concepts and theories in the field of animal science and therapy, propose sound and reasoned solutions to problems and show clear developments of these skills as a result of the programme.
4. Allows students to choose from a range of options appropriate to their needs, while maintaining a coherent programme of study.
5. Meets the needs of the animal industry providing the foundation for a range of careers.
6. Provides students with the ability to transfer skills to different working environments.
7. Assists students to be adaptable to the changing demands of business and society.
8. Provides high quality education and professional development, supported by a strong base of creative and applicable research.

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

A BSc (Hons) Applied Animal Science with Therapy graduate is capable of using their knowledge and understanding to propose solutions to common industry problems which arise within animal science. They will possess the fundamental vocational skills and graduate attributes to enable them to be an effective team member within laboratory, animal management and therapy environments. Graduates have been exposed to a range of therapeutic practices and will be confident to assist with the practical application of hydrotherapy and will be able to evaluate the role of various therapeutic techniques within performance and rehabilitation regimens used in animal species.

Part 3: Programme Structure for BSc (Hons) Applied Animal Science with Therapy

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 interim award requirements
3 module diet, including compulsory and optional modules

ENTRY		Compulsory Modules	Optional Modules	Interim Awards
ENTRY TO FOUNDATION YEAR	Foundation Year	Foundation Skills Development (HANV8A-30-3) Academic Skills in Practice (HANV8B-30-3) Reviewing Literature (HANV8C-15-3) Foundation Animal Studies (HANV8G-15-3) Foundation Biological Principles (HANV8E-30-3)	Not applicable.	**Interim Awards** Cert Animal Science Requirements: 120 credits at level 3 or above of which not less than 100 are at level 4 or above. CertHE Animal Science Requirements: 120 credits at level 3 or above of which not less than 100 are at level 4 or above. DipHE Applied Animal Science Requirements: 240 credits at level 3 or above of which not less than 220 are at level 4 or above and not less than 100 at level 5 or above. BSc Applied Animal Science Requirements: 300 credits at level 3 or above of which not less than 280 are at level 4 or above, not less than 100 at level 5 or above and not less than 60 at level 6 or above. TARGET AWARD BSc (Hons) Applied Animal Science with Therapy Credit Requirements: 360 credits at level 3 or above of which not less than 340 are at level 4 or above, not less than 200 are at level 5 or above and not less than 100 at level 6 or above. This must include all compulsory modules. TARGET AWARD BSc (Hons) Applied Animal Science with Therapy (SW) Credit Requirements: 360 credits at level 3 or above of which not less than 340 are at level 4 or above, not less than 200 are at level 5 or above and not less than 100 at level 6 or above. This must include all compulsory modules and the Sandwich Year Work Placement module.
ENTRY TO YEAR ONE	Year 1	Anatomy and Physiology for Animal Therapists (HANV6E-30-4) Animal Genetics (HANXNV-15-4) Animal Health and Disease (HANXKK-15-4) Animal Nutrition (HANXK5-15-4) Fundamental Skills for the Animal Therapist (HANV84-30-4) Animal behavior and Welfare (HANV83-15-4)	Not applicable.	
	Year 2	Undergraduate Research Process (HANXU5-15-5) Animal Therapy 1 (HANXU4-15-5) Applied Animal Health and Disease (HANXSN-30-5) Introduction to Hydrotherapy (HANV68-15-5) Animal Structure and Motion (HANV6A-15-5)	Students are normally required to select 30 credits from the optional modules listed below: Animal Microbiology (HANXRK-15-5) Companion Animal Behaviour and Training (HANXST-15-5) New Venture Creation (HSPXTX-15-5) Behavioural Measurement (HANXSS-15-5) Applied Animal Nutrition (HANXSP-15-5) Ethics and Welfare (HANXSW-15-5) Independent Report (HANXRX-15-5) International Academic Study Portfolio (HANXRP-15-5) International Academic Study Project (HANXRQ-30-5) International Academic Study Extended Project (HANXRR-45-5)	
	Year Out	Sandwich Year Work Placement (HANVK6-15-5)		
	Year 3	Undergraduate Dissertation (HANV3R-45-6) Animal Therapy 2 (HANV36-15-6) Therapy in Practice (HANV67-30-6)	Students are normally required to select 30 credits from the optional modules listed below: Developments in Animal Science (HANV3G-15-6) Advanced Animal Microbiology (HANV4T-15-6) Advanced Animal Nutrition (HANV4S-15-6) Animal Psychology (HANV4X-15-6) Anthrozoology (HANV38-15-6) Epidemiology (HANV3H-15-6)	
GRADUATION				

Part time:
The part time student journey from Entry through to Graduation is individually negotiated with the student.

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:

Learning Outcomes:	**Anatomy and Physiology for Animal Therapists**	**Animal Genetics**	**Animal Behaviour and Welfare**	**Fundamental Skills for the Animal Therapist**	**Animal Nutrition**	**Animal Health and Disease**	**Undergraduate Research Process**	**Applied Animal Health and Disease**	**Introduction to Hydrotherapy**	**Animal Structure and Motion**	**Animal Therapy I**	Companion Animal Behaviour and Training	Behavioural Measurement	Applied Animal Nutrition	Animal Microbiology	Independent Report	New Venture Creation	Ethics and Welfare	International Academic Study Portfolio	International Academic Study Project	International Academic Study Extended Project	**Sandwich Year Work Placement**	**Undergraduate Dissertation**	Epidemiology	Advanced Animal Nutrition	**Therapy in Practice**	Developments in Animal Science	Anthrozoology	Animal Psychology	Advanced Animal Microbiology	**Animal Therapy 2**
A) Knowledge and understanding of:																															
The ability to analyse and evaluate the problems and/or new insights in the field of animal science, with respect to nutrition, behaviour and animal health.	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓				✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
A comprehensive knowledge of anatomical, physiological and nutritional principles related to animal health and disease.	✓				✓	✓		✓	✓	✓	✓	✓		✓					✓	✓	✓			✓	✓	✓	✓				✓
The ability to apply underpinning principles of genetics to the health of an animal.		✓				✓		✓											✓	✓	✓			✓		✓		✓			
An appreciation of the application of, methods used within and ethical considerations of animal therapy.									✓	✓	✓	✓														✓					✓

Learning Outcomes:	**Anatomy and Physiology for Animal Therapists**	**Animal Genetics**	**Animal Behaviour and Welfare**	**Fundamental Skills for the Animal Therapist**	**Animal Nutrition**	**Animal Health and Disease**	**Undergraduate Research Process**	**Applied Animal Health and Disease**	**Introduction to Hydrotherapy**	**Animal Structure and Motion**	**Animal Therapy I**	Companion Animal Behaviour and Training	Behavioural Measurement	Applied Animal Nutrition	Animal Microbiology	Independent Report	New Venture Creation	Ethics and Welfare	International Academic Study Portfolio	International Academic Study Project	International Academic Study Extended Project	**Sandwich Year Work Placement**	**Undergraduate Dissertation**	Epidemiology	Advanced Animal Nutrition	**Therapy in Practice**	Developments in Animal Science	Anthrozoology	Animal Psychology	Advanced Animal Microbiology	**Animal Therapy 2**
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.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
B) Intellectual Skill																														
Use problem solving skills and decision making strategies to support the problems and/or new insights in the field of animal science, animal therapy, nutrition and animal health.	✓	✓			✓	✓		✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Use skills of reflection, evaluation and critical thinking to support an effective understanding of anatomical, physiological and nutritional principles related to animal health, therapy and disease.	✓	✓			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Demonstrate the ability to apply critical evaluation and informed decision making when discussing concepts and theories used in the animal science and therapy industries.	✓	✓						✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓		✓	✓		✓	✓				✓

Learning Outcomes:	**Anatomy and Physiology for Animal Therapists**	**Animal Genetics**	**Animal Behaviour and Welfare**	**Fundamental Skills for the Animal Therapist**	**Animal Nutrition**	**Animal Health and Disease**	**Undergraduate Research Process**	**Applied Animal Health and Disease**	**Introduction to Hydrotherapy**	**Animal Structure and Motion**	**Animal Therapy I**	Companion Animal Behaviour and Training	Behavioural Measurement	Applied Animal Nutrition	Animal Microbiology	Independent Report	New Venture Creation	Ethics and Welfare	International Academic Study Portfolio	International Academic Study Project	International Academic Study Extended Project	**Sandwich Year Work Placement**	**Undergraduate Dissertation**	Epidemiology	Advanced Animal Nutrition	**Therapy in Practice**	Developments in Animal Science	Anthrozoology	Animal Psychology	Advanced Animal Microbiology	**Animal Therapy 2**
Demonstrate the ability to undertake sustained study applying deeper cognitive learning to an aspect of animal science and therapy.				✓			✓	✓	✓	✓	✓	✓	✓	✓	✓			✓				✓	✓			✓					✓
C) Subject/Professional/Practical Skills																															
Critically evaluate an aspect of animal science based on systematic rigorous research processes which highlights both implications and recommendations for developing current and future practice.								✓	✓	✓	✓		✓	✓	✓	✓		✓					✓	✓		✓	✓	✓	✓		✓
Use skills of reflection, evaluation and critical thinking to support an effective understanding of current legislation in relevant agricultural and animal related polices both in the United Kingdom and Europe.						✓		✓	✓		✓	✓					✓	✓				✓	✓			✓	✓	✓			✓
Demonstrate a commitment to continuing professional development and lifelong learning through the development of skills in relation to self directed and independent study.	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Learning Outcomes:	**Anatomy and Physiology for Animal Therapists**	**Animal Genetics**	**Animal Behaviour and Welfare**	**Fundamental Skills for the Animal Therapist**	**Animal Nutrition**	**Animal Health and Disease**	**Undergraduate Research Process**	**Applied Animal Health and Disease**	**Introduction to Hydrotherapy**	**Animal Structure and Motion**	**Animal Therapy I**	Companion Animal Behaviour and Training	Behavioural Measurement	Applied Animal Nutrition	Animal Microbiology	Independent Report	New Venture Creation	Ethics and Welfare	International Academic Study Portfolio	International Academic Study Project	International Academic Study Extended Project	**Sandwich Year Work Placement**	**Undergraduate Dissertation**	Epidemiology	Advanced Animal Nutrition	**Therapy in Practice**	Developments in Animal Science	Anthrozoology	Animal Psychology	Advanced Animal Microbiology	**Animal Therapy 2**
D) Transferable skills and other attributes:																														
Undertake skilled and competent evaluative and practical animal science and animal therapy skills;	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Communicate effectively with individuals, establishing professional and ethical relationships;	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Maintain the standards and practices required of the industry;	✓	✓			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Recognise moral/ethical dilemmas and issues;						✓	✓	✓	✓		✓							✓					✓	✓		✓	✓		✓	✓
Perform professional tasks exercising personal responsibility and a capacity to make decisions appropriate to the role in the animal science industries.	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓
Communicate effectively with a wide range of individuals using a variety of means;	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Evaluate their own academic, vocational and professional performance;				✓			✓	✓	✓		✓					✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Learning Outcomes:	**Anatomy and Physiology for Animal Therapists**	**Animal Genetics**	**Animal Behaviour and Welfare**	**Fundamental Skills for the Animal Therapist**	**Animal Nutrition**	**Animal Health and Disease**	**Undergraduate Research Process**	**Applied Animal Health and Disease**	**Introduction to Hydrotherapy**	**Animal Structure and Motion**	**Animal Therapy I**	Companion Animal Behaviour and Training	Behavioural Measurement	Applied Animal Nutrition	Animal Microbiology	Independent Report	New Venture Creation	Ethics and Welfare	International Academic Study Portfolio	International Academic Study Project	International Academic Study Extended Project	**Sandwich Year Work Placement**	**Undergraduate Dissertation**	Epidemiology	Advanced Animal Nutrition	**Therapy in Practice**	Developments in Animal Science	Anthrozoology	Animal Psychology	Advanced Animal Microbiology	**Animal Therapy 2**
Utilise problem solving skills in a variety of theoretical and practical situations;	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Manage change effectively and respond to changing demands;	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Take responsibility for personal and professional learning and development;	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Manage time, prioritise workloads and recognise and manage personal emotions and stress;	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Understand career opportunities and challenges ahead and begin to plan a career path;	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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 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: 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.

Teaching and learning approaches include:

Scheduled learning
Includes lectures, seminars, tutorials, project supervision, demonstration, practical classes and workshops; fieldwork; external visits; work based learning and supervised time within relevant industry organisations e.g. equine and canine therapy centres, zoos or animal management centre. Scheduled sessions may vary slightly depending on the module choices made. Throughout the programme, guided learning will involve activities designed to support students with the preparation of assessments and developing their subject knowledge via further reading and interactive delivery using the VLE. Within the Foundation Year a feature will be the facilitated workshops and individual study, enabling students to benefit from small-group study.

Independent learning
This may include; essential reading, assessment of knowledge and understanding, wider research into the topics studies, assessment preparation or volunteering within animal related industries. Students are also encouraged to engage with skill development and volunteering opportunities in the laboratory and the institutions Animal Management Centre, Equine Yard and Farm to practice their practical skills to become competent handling a range of animals and to develop fundamental animal science skills.

Work based learning
This will include scheduled work based learning within hydrotherapy related modules but students are also encouraged to engage in appropriate volunteering to support the development of their practical skills and broaden their knowledge of the animal sector throughout the programme. A sandwich option is available to enable students to undertake an extended period of work placement within the animal industry.

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 the 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 academic study and practical learning that is intellectually challenging, vocationally relevant, and provides a foundation for pursuing a career within the animal science or animal therapy industries. Students will be equipped with subject knowledge and foundation vocational skills required by employers to function effectively as a team member within the

animal sector. Practicals and industry based visits will underpin the students' academic knowledge whilst giving the student the opportunity to practice and develop practical skills required. Whilst exposure to an assortment of therapeutic practices and the practical application of therapy within 'real-world' cases in a range of animal species will support employability within the animal therapy sector.

Having entry points into both a Foundation Year and Level One, 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.

Core modules in year 1 provide the student with a basic understanding of the physiology of animals in relation to anatomy, health, behaviour and nutrition as well as developing investigative skills for research. This knowledge is extended in subsequent modules in year 2 alongside the development of specific animal therapy knowledge and understanding. Selection of optional modules enable the student to build their expertise in areas of particular interest to them, for example animal behaviour and nutrition. The animal therapy theme is further developed in final year modules with an increased focus on research, gaining practical therapy skills and independent study to enable progression to further study and application to industry.

Throughout the programme students are provided with opportunities to develop their vocational skills. Work in the institutions Canine and Equine Therapy Centres, the laboratory and field provides students with experience in the application of theory learnt in lectures to practice. Teaching utilizes the extensive animal and therapy related practical and physical resources. These include access to qualified animal hydrotherapists, veterinary physiotherapists, osteopaths, veterinary professionals and staff members who are engaged in therapy related commercial and research activities. Students will be able to observe 'real-world' application of therapy into practice through time spent within the Canine and Equine Therapy Centres. Facilities available within the facilities on site include equine and canine water treadmills, canine hydrotherapy pool, equine high speed treadmill and various therapeutic tools including TENS, LASER and Zamar. Both therapy centres regularly treat a range of non-elite animals and elite equine and canine athletes, and students will have opportunities to observe and participate (as assistants) within therapy regimes to enable them to build their practical skills and evaluate the efficacy of different therapeutic approaches. The programme utilises the extensive land and animal facilities present on site including the farm (which includes a diary unit, a flock of Romney X Cheviots sheep and a red deer herd) and the animal management collection (which has an extensive range of small and large mammals and vivarium species including reptiles, amphibians and invertebrates). Guest lecturers and visits to external organisations (including Bristol Zoo, Sequani, Guide Dogs etc.) allow students to appreciate how these theories are applied in commercial organisations and real-life situations.

Throughout the programme students have access to online web-based support such as the VLE, electronic resources through the institution Learning Centre and individual tutorial sessions with both designated programme and module level tutors, and the wider learning support team.

Through complementary studies students are able to acquire generic professional qualifications such as first aid, health and safety, and risk assessment, alongside industry specific certificates such as Animal First Aid and Safe Use of Veterinary Medicines. As well as being able to join the institutions Students Union and associated societies, it will also be possible to join societies run by the institutions students, for example the Land and Animal Biology Society (LABS), Veterinary Society or the Equestrian Club, that offer animal and sport-based activities which complement formal programme studies.

This programme also 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) Animal Science with Therapy.

Part 6: Assessment

This module will be assessed according to the Academic Regulations published for the academic year on the website 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.

Individuals learn through different methods, hence a range of teaching and assessment techniques are used throughout the programme. Theoretical lectures, practicals (computer based, laboratory, canine and equine therapy centres, farm and estate), seminars and debates, industry based visits and guest speakers from within the industry enhance the students' academic knowledge, whilst giving the student the opportunity to practice and develop applied skills needed for industry. Module assessments are designed to apply the knowledge and experience gained from these learning opportunities to a real world context using a range of skills.

Overall the programme aims to develop students to possess an enquiring attitude who are capable of sourcing information and using this knowledge and research to propose solutions to problems which arise within animal science and therapy. A range of assessments are utilized throughout the programme to progress these skills including written and practical examinations, coursework and case study evaluation to enable them to practice and refine their ability to apply theory in to practice. The achievement of competent practical skills to support employability and to support progression into postgraduate study or research is also key. Therefore the assessment strategy embeds opportunities for students to achieve practical 'Day 1' vocational skills applicable to animal science across different modules and levels of the programme. Simultaneously opportunities to develop key graduate attributes such as critical writing, team working, communication and other interpersonal skills are also embedded within modules across each year of the programme to ensure the BSc (Hons) Applied Animal Science with Therapy student can function effectively within the animal sector.

In line with the institutions commitment to facilitating equal opportunities, a student may apply for alternative means of assessment if appropriate. Each application will be considered on an individual basis taking into account learning and assessment needs. For further information regarding this please refer to the VLE.

Assessment Map

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

Assessment Map for BSc (Hons) Applied Animal Science with Therapy /BSc (Hons) Applied Animal Science with Therapy (SW)

		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
Compulsory Modules Foundation Year	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)
Compulsory Modules Level 4	Anatomy and Physiology for Animal Therapists	A (50)			A (25)				B (25)		
	Animal Nutrition	A (50)							B (50)		
	Animal Genetics						A (100)				
	Fundamental Skills for the Animal Therapist					A (100)					
	Animal Behaviour and Welfare	A (50)						B (50)			
	Animal Health and Disease	A (70)							B (30)		
Compulsory Modules Level 5	Undergraduate Research Process								A (100)		
	Applied Animal Health and Disease	A (60)						B (40)			
	Introduction to Hydrotherapy			A (70)		B (30)					
	Animal Structure and Motion		A (100)								
	Animal Therapy 1						A (100)				
Optional Modules Level 5	Applied Animal Nutrition	A (50)							B (50)		
	Companion Animal Behaviour and Training	A(40)						B (60)			
	Behavioural Measurement	A (50)					B (50)				
	Animal Microbiology	A (30)		A (20)				B(50)			
	Independent Report		A (25)						B (75)		
	New Venture Creation						A (100)				
	Ethics and Welfare	A (50)					B (50)				
	International Academic Study Portfolio										A (100)
	International Academic Study Project						A (25)				B (75)
	International Academic Study Extended Project						A (25)				B (75)
Optional Year	Sandwich Year Work Placement										A (100)
Compulsory Modules Level 6	Undergraduate Dissertation									A (100)	
	Therapy in Practice										A (100)
	Animal Therapy 2	A (75)						B (25)			
	Advanced Animal Microbiology	A (50)				B (50)					

Optional Modules Level 6	Developments in Animal Science	A (100)										
	Advanced Animal Nutrition	A (50)							B (50)			
	Animal Psychology	A (60)							B (40)			
	Anthrozoology		A(100)									
	Epidemiology	A (60)						B (40)				

*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).
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.

Part 8: Reference Points and Benchmarks

Description of how the following reference points and benchmarks have been used in the design of the programme:

QAA UK Quality Code for HE

Has been used to define the minimum level of achievement that students need to achieve to succeed on this programme and achieve the qualification. It has also been used to inform the academic quality of the programme and enhance the quality of the learning opportunities and the assessment methods used to measure achievement on the programme.

The Standards and Guidelines for Quality Assurance in the European Higher Education Area (ESG) 2015

The programme has been designed considering how it addresses aspects of part one of the ESG. In particular the programme has been designed so that it meets 'the objectives set for them, including the intended learning outcomes. The qualification resulting from a programme should be clearly specified and communicated, and refer to the correct level of the national qualifications framework for higher education and, consequently, to the Framework for Qualifications of the European Higher Education Area.'

Additionally the design and teaching, learning and assessment strategy within this programme encourages the programme to be 'delivered in a way that encourages students to take an active role in creating the learning process, and that the assessment of students reflects this approach'.

Relevant subject and qualification benchmark statements: (Agriculture, Horticulture, Forestry, Food, Nutrition and Consumer Sciences) Work based and Placement Learning have informed the characteristics of the subject matter and curriculum development of the programme, the programme learning outcomes and the attributes that a graduate of this programme should be able to demonstrate.

Hartpury 2020 Strategy and the Teaching and Research Excellence Strategy 2017-2021

These have been used in designing this programme to ensure that the programme is: learning-centred; underpinned by sound health and safety practices and informed by research and professional practice; inclusive, flexible and accessible, exemplified in particular by the part-time and accelerated study routes; and, provides a diverse assessment diet. Furthermore, the programme aims to produce graduates who: know and value themselves as open-minded, reflective and inter-dependent learners, and participants, employees, self-employed professionals and entrepreneurs in global settings and as global citizens; and, reflect on their own learning and practice, who value others as collaborators in their learning and its exchange.

Assessment within the programme: is an integral part of a dynamic learning and teaching process and not separate from it; plays a key part in the rigorous setting and maintaining of academic standards; provides all students with the entitlement to parity of treatment; makes no distinction between different modes of study; ensures that progression is achieved by credit accumulation and the completion of pre-requisites and co-requisites; recognises different module learning in different forms of assessment; and, affords students the maximum opportunity to demonstrate their knowledge, skills, competencies and overall strengths through a variety of assessed activities.

Staff expertise and research:

The institution has been actively engaged in commercial application of animal therapy within equine and canine rehabilitation and performance enhancing regimes for a number of years, which has underpinned significant research and teaching activity within this field. The proposed modules for the Applied Animal Science with therapy programme are therefore based on well-established teaching areas within the institution. All modules will be taught by staff who are either research, industry or consultancy active, or actively engaged in scholarly activity, and who bring their current experience to bear on their teaching.

Employer interaction/feedback:

Field of Animal and Land Sciences Vocational Panel meetings involve discussions about the purpose of the programme, its distinctiveness as a programme and the skills and knowledge needed to ensure the programme is current and relevant to employers.

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.