



**HARTPURY**  
UNIVERSITY

Programme Information Sheet for 2019 entry

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# **BSc (Hons) Applied Animal Science with Therapy with Integrated Placement Year (with Foundation Year)**

UCAS Code: DF22

**Award on completion of programme:** BSc (Hons) Applied Animal Science with Therapy / BSc (Hons) Applied Animal Science with Therapy with Integrated Placement Year.

**Professional body accreditation:** None

**Location of study:** Hartpury University. Work placement and optional integrated placement year could take place in the UK or abroad.

**Length of programme:** Four years full-time, or five with the optional integrated placement year. Part-time options are available.

**Language of the programme:** This programme is taught in English.

## **Entry Requirements:**

**General:** A minimum of 5 GCSE A\* to C, (or 9 to 4 where numeric grades are being awarded) or equivalent, to include English Language and Mathematics.

All applications for the Foundation year will be considered individually, however **evidence of previous relevant study at level 3 (i.e. A Level, BTEC etc) is required.**

In the case of international applications, we will attempt to establish the equivalency of qualifications and the same criteria and assessment is used as for home students. An IELTS English qualification is expected for international applicants without a GCSE Grade C or above (or 9 to 4 where numeric grades are being awarded) in English Language.

If you have completed learning towards a university level qualification, perhaps at another institution or with a professional body or have relevant work experience then you may be able to gain credit for this and/or enter the course at a later point than standard year one entry. For further information please contact our Admissions team, who will be pleased to help you.

Personalised offers will be made to each applicant based on their own merits. Non-academic and academic achievement will be considered.

**Timetables:** Both full-time and part-time students on the programme will be in September 2019. This programme is taught over two semesters, normally consisting of 12 weeks of scheduled teaching and then assessment weeks. The academic calendar can be found at: <http://www.hartpury.ac.uk/uni-termdates/> scheduled teaching you will have a day without timetabled sessions to support you in managing your workload, gaining valuable volunteering and work experience and completing part-time work. For the 2018/19 year that day is currently a Friday. Timetables are normally available during registration. Please note that while we make every effort to ensure that timetables are as student-friendly as possible, scheduled teaching can take place at any time between 8:30 to 20:30 Monday to Friday, although Wednesday afternoons are normally reserved for sports and cultural activities. Work placements may

entail working on different days and different hours, depending on the opportunity you identify. Part-time students should be advised that as their route is dependent on the full-time course's timetable there is the possibility depending on the modules chosen that the student could be required to attend five days a week.

**Programme Composition:** This programme comprises of different modules, providing a broad understanding of animal science, with a special focus on animal therapy and, specifically, hydrotherapy. While it does not qualify students to become therapists, it exposes them to the scientific principles which underpin animal health, performance, therapy and rehabilitation. The modular structure of the programme gives you flexibility and choice and you can attend introductory sessions for optional modules before having to finally decide which ones you wish to study. We usually offer all optional modules available to students however if we believe that we are unable to offer a high quality student experience (which can be particularly affected by low student demand) then we may make the decision not to offer it. If an optional module will not be run, we will advise you as soon as possible and help you choose an alternative module. Our teaching is informed by research, and modules change periodically to reflect developments in the discipline. These changes are informed by both industry and student consultation.

On completion and passing of these modules you gain academic credit that accumulates towards your award. The marks you gain for these modules in your second and third year may contribute towards your overall award mark and outcome. The modules contain mixture of scheduled learning, independent learning and sometimes learning whilst on work placement.

	<b>Scheduled Contact Learning (%)</b>	<b>Placement Learning (%)</b>	<b>Independent Learning (%)</b>
<b>Year 0</b>	30	0	70
<b>Year 1</b>	31	0	69
<b>Year 2</b>	24	0	76
<b>Year 3</b>	17	3	80

Students will receive a minimum of 15 hours scheduled contact per week in lectures, seminars and practicals in year 0 and 1. In subsequent years scheduled contact will vary depending on the modules you select but is typically around 12 hours per week. Students are expected to dedicate at least two to three hours of independent study per contact hour. Some modules offer trips to locations such as zoos or assistance animal breeding centres to show students how their knowledge can be applied within the animal industry. Some modules may bring in guest lecturers to provide topical and industry-relevant talks.

### **Year 0:**

The foundation year includes lectures in study skills, animal science and management. Within the year, you will be supported to enhance your skills and knowledge to ensure you are fully prepared to succeed in year 1. Foundation year core modules include: Foundation Skills Development, Academic Skills in Practice, Foundation Biological Principles, Foundation Animal Studies and Reviewing Literature.

### **Year 1: Core modules**

- Anatomy and Physiology for Animal Therapy
  - An introduction to basic veterinary anatomy and physiology with specific emphasis on the musculoskeletal system to relate to animal therapy.
- Animal Behaviour and Welfare
  - Students are introduced to key concepts in the field of animal behaviour and animal welfare.
- Animal Nutrition
  - Students will study key nutritional principles and learn how these relate to health and disease in animals.
- Animal Genetics
  - An introduction to the fundamental concepts of genetics and hereditary conditions in animals.
- Animal Health and Disease
  - An introduction to the factors that affect disease transmission and signs of health in common companion animal species.
- Fundamental Skills for the Animal Therapist
  - An introduction to the key academic and vocational skills and personal attributes needed to be successful in a career in the animal industry. Including work experience in our canine hydrotherapy centre.

## Year 2: Core modules

- Introduction to Hydrotherapy
  - This introduces students to the key aspects of hydrotherapy in both equine and canine centres.
- Animal Therapy 1
  - This is the first of two animal therapy specific modules that introduce students to a wide range of animal therapies.
- Animal Structure and Motion
  - This module provides students with a basis of biomechanics and animal locomotion.
- Applied Animal Health and Disease
  - This module covers advanced disease diagnosis, treatment and key pathogenic causes of disease in both companion and production animals.
- Undergraduate Research Process
  - This module introduces students to the methods of research and analysis, helping to prepare them for the research project (dissertation) in the final year.

**Optional modules:** These cover a range of topics and could include Applied Animal Nutrition, Ethics and Welfare, Behavioural Measurement and Animal Microbiology. Students can usually select 30 credits from the optional modules.

**Optional year 3: Integrated Work Placement Year:** An optional placement year (minimum of 40 weeks in length) allows theory to be integrated into practice. This is facilitated through long standing links with a wide range of animal-based industries and therapy centres.

## Year 3 (4 if Integrated Placement Year is completed): Core modules

- Undergraduate Dissertation
  - This module involves independent research in an animal-related field with one to one support from an academic tutor.
- Therapy in Practice
  - Students will have the opportunity to understand how the theoretical content learned in earlier modules are applied within a practice.
- Animal Therapy 2
  - This is the second module specifically exploring the details of types of therapies used within the animal industry.

**Optional modules:** These delve deeper into the previously covered topics, and include Developments in Animal Science, Advanced Animal Microbiology, Advanced Animal Nutrition and Epidemiology.

By the end of the programme, you will have developed applied skills relevant to employment across the animal science sector and also gained an in-depth appreciation of how research underpins animal health and welfare. Throughout the programme there is a clear thread of animal therapy, allowing insight into the exciting, developing specialism.

**Assessment Method:** You will be assessed through a mixture of written exams, practical exams, written assignments and reflective portfolios. Many of the modules will be marked based on a mixture of assessment types, whilst others will be based solely on one type of assessment.

	Written Examination (%)	Coursework (%)	Practical Examination (%)
<b>Year 0</b>	12	44	44
<b>Year 1</b>	38	26	36
<b>Year 2</b>	54	17	29
<b>Year 3</b>	29	71	0

**Discounts and special support associated with enrolling on the programme:** Hartpury also subsidises optional short courses for a reduced cost that give students the opportunity to gain relevant experience and qualifications prior to graduation. These are in addition to the discounts Hartpury usually offers to its students, such as free Wi-Fi on site and Microsoft Office packages etc. There is lots of support

available to you whilst you study including allocation of a personal academic tutor that you will meet for 1:1 sessions and other services detailed at <http://www.hartpury.ac.uk/university-centre/facilities/life-at-hartpury/student-support/>.

**Costs associated with the programme:** The cost of the programme will be £9250 per year for UK and EU students subject to government approval. We will only increase our fees in accordance with guidelines laid down by OFFA. Students are required to purchase appropriate clothing and footwear which is available from our supplier's online shop for approximately £100. For Part Time costs please refer to the Hartpury Fee policy <http://www.hartpury.ac.uk/about-us/governance-and-policies/governance-and-policies/>

For more information on the admissions policy, please visit: <http://www.hartpury.ac.uk/media/2170/higher-education-admissions-policy.pdf>

For more information on this programme, please visit: <http://www.hartpury.ac.uk/university-centre/courses/honours-and-integrated-masters-degrees/bsc-hons-applied-animal-science-with-therapy-with-foundation-year/>

This Course Information Sheet is accurate as at 13<sup>th</sup> September 2018