

BSc (Hons) Bioveterinary Science (with Foundation Year)

UCAS Code: DF90

Award on completion of programme: BSc (Hons) Bioveterinary Science or BSc (Hons) Bioveterinary Science with Integrated Placement Year

Professional body accreditation: None.

Location of study: Hartpury University

Length of programme: Four years full-time or five years full-time 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), including English Language, Mathematics and a Science

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

Mature and international applicants: Mature and international applicants are welcomed. Mature applicants that are not applying for a programme straight from formal education will be expected to demonstrate suitability for the course.

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 start in September 2020. 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/>. During 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. 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 is comprised of different modules, which focus on specific subjects. 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 and optional placement year may contribute towards your overall award mark and outcome. The modules contain a mixture of scheduled learning, independent learning and sometimes learning whilst on work placement.

	Scheduled Contact Learning (%)	Placement Learning (%)	Independent Learning (%)
Year 0	30	0	70
Year 1	29	0	71
Year 2	22	0	78
Year 3	16	0	84

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. During the optional integrated placement year students would be required to complete a period of approved work placement equivalent to 40 full time weeks. Bioveterinary Science students are taught by staff with experience in veterinary research and industry. Some modules may bring in guest lecturers to provide topical and industry-relevant talks.

Compulsory Modules

Year 0:

The foundation year includes lectures in animal studies, academic skills and biological science. 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 skills development**
The module aims to give students an understanding of the scientific method and enquiry, team working, research skills and effective time management.
- **Academic skills in practice (internship)**
The module aims to develop reflective, practical and transferable skills in preparation for level 4 study based on an internship role at Hartpury linked to the student's programme of study
- **Reviewing literature**
The aim of the module is to develop student understanding and knowledge of literature reviews including constructing a rationale, summarising and presenting relevant information to suit a purpose, subject and audience
- **Foundation in animal studies**
The fundamentals of animal care, husbandry and management for maximising animal health and welfare are studied and taught in this module
- **Foundation biological principles**
The study of fundamental biological aspects to provide a clear understanding of how organisms come about and how they function and operate for survival and performance

Year 1:

- **Anatomy and Physiology**
An introduction to basic veterinary anatomy and physiology including the different bodily systems and the interactions between them.
- **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 species.
- **Animal Nutrition**
Students will study key nutritional principles and learn how these relate to health and disease in animals.
- **Biochemistry**
The study of the molecular and chemical processes that underpin normal physiology.
- **Animal Behaviour and Welfare**
Students are introduced to key concepts in the fields of animal behaviour and animal welfare.
- **Fundamental Skills for the Animal Scientist**
This module provides students with key academic skills to enable them to succeed in their degree programme.

Year 2:

- **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 research methods and data analysis, helping to prepare them for the research project (dissertation) in their third year.
- **Pathology**
The pathophysiological processes associated with acute and chronic inflammation and how these can be observed on both a gross and histopathological level.

Optional modules: These cover a range of topics and could include microbiology, reproductive physiology and management of domestic animals. Students can usually select 60 credits from the optional modules.

Optional year 3: Integrated Placement Year: An optional integrated placement year (minimum of 40 weeks in length) allows theory to be integrated into practice. For this programme this is facilitated through long standing links with a wide range of animal-based industries such as charities, veterinary laboratories and animal therapy centres.

Year 3 (4 if integrated placement year completed):

- **Undergraduate Dissertation**
Students will partake in independent research and analysis in a related area with 1:1 support from an academic.
- **Animal Disease**
This module addresses the immunological basis of disease, disease transmission and how animal disease can impact on public health.

Optional modules: These usually delve deeper into the previously covered topic and can include epidemiology, advanced microbiology, and pharmacology. Students will usually select 45 optional credits for their timetable.

Assessment Method: You will be assessed through a mixture of written exams, practical exams and coursework. 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 (%)
Year 0	12	44	44
Year 1	43	29	28
Year 2	33	44	23
Year 3	35	65	0

Discounts and special support associated with enrolling on the programme: Hartpury 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, more details on offers and events can be found at <http://www.hartpury.ac.uk/university/facilities/life-at-hartpury/students-union/>. There is plenty 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/why-hartpury/hartpury-advantage>.

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 the Office for Students (OfS). This course offers an optional integrated placement year at a cost in the region of £925 (for students who want more experience working within the industry). The integrated placement year may incur additional costs depending on your choice of placement location and whether you choose a paid or unpaid position. Students are required to purchase appropriate clothing and footwear which is available from our supplier's online shop for approximately £100. Students are encouraged to engage in various trips and visits as part of the programme. A comprehensive package of non-repayable financial support is available to facilitate engagement with placements and study tours / trips where additional costs are involved.

For part-time costs and information about financial support 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/about-us/governance-and-policies/governance-and-policies/>

This Course Information Sheet is accurate as at 1 September 2019.