



HARTPURY
UNIVERSITY

Programme Information Sheet for 2019 entry

BSc (Hons) Equine Science

UCAS Code: D334

Award on completion of programme: BSc (Hons) Equine Science OR BSc (Hons) Equine Science with Integrated Placement Year.

Professional body accreditation: None

Location of study: Hartpury University. The optional sandwich year can be in the UK or abroad and optional study abroad would see the student travel overseas.

Length of programme: Three years full-time or four years with 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 and Mathematics

A-levels: Typical offer is BBB or equivalent. This must include a minimum of two A Levels including one in a Biological Science and excludes General Studies.

Vocational Award: Typical offer is a DMM in an Extended Diploma or equivalent in a relevant subject

International Baccalaureate: We welcome students with the International Baccalaureate Diploma qualification. Offers will be based upon the constituent components to include a grade 3 at higher level biological science. Please contact the admissions team for more information.

Access: We welcome students with Access qualifications. Certain programmes require a pass at level 3 in specific units. Please contact the admissions team for more information.

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 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/>. 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 the modules completed after your first year may contribute towards your overall award mark and outcome. Students will receive a minimum of 15 hours scheduled contact per week in lectures, seminars and practicals in their first year. In subsequent years scheduled contact will vary depending on the modules you select but is typically around 12 hours per week.

	Scheduled Contact Learning (%)	Placement Learning (%)	Independent Learning (%)
Year 1	24	0	76
Year 2	24	0	76
Year 3	21	0	79

NB The integrated placement year would involve a minimum of 40 weeks of placement and independent learning.

Students are expected to dedicate at least two to three hours of independent study per contact hour. An optional sandwich year between years 2 and 3 allow students to gain industry experience and learn about available careers within the industry. There is also the option to study abroad for part of the programme for the first semester of the second year. Some modules may bring in guest lecturers to provide topical and industry-relevant talks.

Compulsory Modules

Year 1:

- Equine Functional Anatomy
Students will learn about the biological systems of the horse, how they interact, and how they can be managed
- Fundamental Skills for the Equine Scientist
The basics of data analysis, key laboratory practices, and safety procedures
- Equine Veterinary Science
Understand the balance between health and disease and apply management and control theories to practical situations
- Introduction to Equine Nutrition
Study of the basic principles of equine feeding and nutrition
- Equine Industry
Discussion of the scope and management of the equine industry in the UK and Europe

Optional modules may include:

- **Animal Genetics**
An introduction into the science of genetics and heredity
- **Equitation**
Students will develop their riding skills and theory. Students are required to ride at BHS Stage 2 level or equivalent.

Year 2:

- **Equine Exercise Physiology**
The study of how horses are affected by and behave with exercise
- **Equine Nutrition**
The study of the horse's digestive system, their required nutrient intake for different activities, and how to manage a horse's diet.
- **Undergraduate Research Process**
This module introduces students to the methods of research and analysis helping to prepare them for the research project (dissertation)

Optional modules: These modules will allow students to increase their knowledge in topic areas including equine behaviour, equine therapy and rehabilitation, equine diseases and disorders, equitation, and stud management

There is an option to complete a sandwich year placement between years two and three on this programme.

Year 3:

- **Developments in Equine Science**
Discussion about advances in equine science and its application in the industry
- **Undergraduate Dissertation**
Students will partake in independent research and analysis in a related area with 1:1 support from an academic

Optional modules: Final year option modules provide students with the opportunity to develop critical and in-depth knowledge and understanding around topics covered in previous years, including behaviour and welfare, nutrition, equine sports medicine, therapy and rehabilitation, neonatal medicine, and contemporary issues within the equine industry.

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 1	32	40	28
Year 2	46	54	0
Year 3	29	44	27

NB. The integrated placement year will involve 100% course work.

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/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. This programme offers an optional sandwich year which costs in the region of £900. A lab coat will be required for practical sessions, at a cost of approximately, £18.00. Additionally students will be required to attend practical sessions on the yard, and will be required to wear dark clothing, waterproof outerwear and appropriate footwear. A Hartpury equine clothing pack is available via Hartpury's online shop at approximately £75 (<http://estore.hartpury.ac.uk/>) but is not a compulsory purchase.

For Part Time costs please refer to the Hartpury Fee policy at: <http://www.hartpury.ac.uk/about-us/governance-and-policies/governance-and-policies/>

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This Course Information Sheet is accurate as at 13 March 2019.



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	Scheduled Contact Learning (%)	Placement Learning (%)	Independent Learning (%)
Year 1	24	0	76
Year 2	24	0	76
Year 3	18	0	82

NB The integrated placement year would involve a minimum of 40 weeks of placement and independent learning.

Students are expected to dedicate at least two to three hours of independent study per contact hour. An optional sandwich year between years 2 and 3 allow students to gain industry experience and learn about available careers within the industry. There is also the option to study abroad for part of the programme for the first semester of the second year. Some modules may bring in guest lecturers to provide topical and industry-relevant talks.

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 - Understand the balance between health and disease and apply management and control theories to practical situations
- Animal Nutrition
 - Study of nutritional principles and their relation to health and disease in animals
- Equine Industry
 - Discussion of the scope and management of the equine industry in the UK and Europe

Optional modules may include:

- Animal Genetics
 - An introduction into the science of genetics and heredity
- Equitation

- Students will develop their riding skills and theory. Students are required to ride at BHS Stage 2 level or equivalent.

Year 2:

- Equine Exercise Physiology
 - The study of how horses are affected by and behave with exercise
- Equine Nutrition
 - The study of the horse's digestive system, their required nutrient intake for different activities, and how to manage a horse's diet.
- Undergraduate Research Process
 - This module introduces students to the methods of research and analysis helping to prepare them for the research project (dissertation)

There is an option to complete a sandwich year placement between years two and three on this programme.

Year 3:

- Developments in Equine Science
 - Discussion about advances in equine science and its application in the industry
- Undergraduate Dissertation
 - Students will partake in independent research and analysis in a related area with 1:1 support from an academic

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 1	50	44	6
Year 2	58	30	12
Year 3	19	65	16

NB. The integrated placement year will involve 100% course work.

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/>.

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