



**HARTPURY**  
UNIVERSITY

Programme Information Sheet for 2020 entry

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## BSc (Hons) Zoology (with Foundation Year)

UCAS Code: DF20

**Award on completion of programme:** BSc (Hons) Zoology OR BSc (Hons) Zoology with Integrated Placement Year

**Professional body accreditation:** None

**Location of study:** Hartpury University. An optional integrated placement year will be discussed with the programme manager and can be undertaken in the UK and abroad. Placements undertaken by students in the past have included the UK, Kenya, South Africa and the Seychelles.

**Length of programme:** Four years full-time or five years 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 and Mathematics.

**A-levels:** Typical offer is DD - EE or equivalent. This must include a minimum of one A Level preferably in a Biological Science and excludes General Studies.

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

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 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 four days a week.

### **Programme Composition:**

This programme is comprised of different modules, which focus on specific subjects, and provide an opportunity to develop specialisms over the duration of the course. 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>	30	0	70
<b>Year 2</b>	24	0	76
<b>Optional integrated placement year</b>	0	100	0
<b>Year 3</b>	18	0	82

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

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. 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**

#### **Compulsory modules:**

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 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

### Compulsory Modules:

- **Systems Biology**  
An introduction into the biology of animals, particularly into the different body systems and their interactions
- **Animal Genetics**  
An introduction into the science of genetics and heredity
- **Animal Health and Disease**  
Studying how diseases affect animals and how to apply informed decision-making
- **Animal Nutrition**  
Study of nutritional principles and their relation to health and disease in animals
- **Biodiversity**  
Study of natural world and wildlife
- **Animal Behaviour and Welfare**  
Introduces students to the problems and insights of animal behaviour and welfare, including the study of ethical issues and legislation
- **Fundamental Skills for Zoology**  
An introduction to the key academic and vocational skills and personal attributes to be successful in a career in the animal industry and through the study of zoology

## Year 2

### Compulsory Modules:

- **Conservation Biology**  
This module will introduce you to the fundamental principles of wildlife conservation, and apply knowledge learnt in year 1, including genetics, biodiversity and tackling real world problems
- **Undergraduate Research Process**  
This module introduces students to the methods of research and analysis required for their dissertation
- **Behavioural and Evolutionary Ecology**  
This module will outline the study of the ecological and evolutionary basis for animal behaviour and the role of behaviour in enabling an animal to adapt to its environment

**Optional modules:** These can cover a range of animal science topics including ethics and welfare, animals in education, measuring animal behaviour, and animal microbiology. The second year optional Field Course module offers the option of a trip to South Africa to study the local wildlife.

## Year 3 (Year 4 if returning from optional placement year)

### Compulsory Modules:

- **Undergraduate Dissertation**  
Students will partake in independent research and analysis in a related area with 1:1 support from an academic
- **Wildlife Management and Conservation Genetics**  
This module provides the opportunity to work with a UK zoo to explore the application of the biology learnt throughout the course to the practical zoo environment, through a residential trip. Students will also explore topics such as wildlife reintroduction and breeding for conservation
- **Biodiversity and Conservation**  
This module will build on your knowledge from the second year to examine global patterns of biodiversity, the processes that determine diversity and the causes of biodiversity declines. You will also critically analyse conservation methods in protecting nature

**Optional modules:** These can cover a range of animal science topics including advanced animal microbiology, anthrozoology and animal psychology

### 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.

	<b>Written Examination (%)</b>	<b>Coursework (%)</b>	<b>Practical Examination (%)</b>
<b>Year 0</b>	12	44	44
<b>Year 1</b>	37	29	34
<b>Year 2</b>	39	43	18
<b>Optional Integrated Placement Year</b>	0	100	0
<b>Year 3</b>	37	56	7

### **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 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. While many of these are included in the course fees, students have the opportunity to engage in additional study tours, one compulsory and one optional, with additional costs involved. In the final year of the course there is a residential trip to a UK zoo, as part of the Wildlife Management and Conservation Genetics compulsory module. This residential trip will incur an additional cost around £150 to cover the cost of accommodation if required. One of the optional modules in the second year, Field Course, offers a trip to South Africa to study the ecology and ethology of the area. This South African trip costs in the region of £1500. 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 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 27 March 2020.



## Programme Information Sheet for 2020 entry

# BSc (Hons) Zoology (with Foundation Year)

UCAS Code: DF20

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**Professional body accreditation:** None

**Location of study:** Hartpury University. An optional integrated placement year will be discussed with the programme manager and can be undertaken in the UK and abroad. Placements undertaken by students in the past have included the UK, Kenya, South Africa and the Seychelles.

**Length of programme:** Four years full-time or five years 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 and Mathematics.

**A-levels:** Typical offer is DD - EE or equivalent. This must include a minimum of one A Level preferably in a Biological Science and excludes General Studies.

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

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.

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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>	30	0	70
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<b>Optional integrated placement year</b>	0	100	0
<b>Year 3</b>	18	0	82

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### **Year 0**

#### **Compulsory modules:**

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## **Year 1**

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## **Year 2**

### **Compulsory Modules:**

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- **Undergraduate Research Process**  
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**Optional modules:** These can cover a range of animal science topics including ethics and welfare, animals in education, measuring animal behaviour, and animal microbiology. The second year optional Field Course module offers the option of a trip to South Africa to study the local wildlife.

## **Year 3 (Year 4 if returning from optional placement year)**

### **Compulsory Modules:**

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**Optional modules:** These can cover a range of animal science topics including advanced animal microbiology, anthrozoology and animal psychology

**Assessment Method:**

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This Course Information Sheet is accurate as at 3 March 2020.





## Programme Information Sheet for 2020 entry

# BSc (Hons) Zoology (with Foundation Year)

UCAS Code: DF20

**Award on completion of programme:** BSc (Hons) Zoology OR BSc (Hons) Zoology with Integrated Placement Year

**Professional body accreditation:** None

**Location of study:** Hartpury University. Any integrated placement year will be discussed with the programme manager and can be undertaken in the UK and abroad. Placements undertaken by students in the past have included the UK, Kenya, South Africa and the Seychelles.

**Length of programme:** Four years full-time or five years 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 and Mathematics.

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	<b>Scheduled Contact Learning (%)</b>	<b>Placement Learning (%)</b>	<b>Independent Learning (%)</b>
<b>Year 0</b>	30	0	70
<b>Year 1</b>	28	0	72
<b>Year 2</b>	24	0	76
<b>Optional integrated placement year</b>	0	100	0
<b>Year 3</b>	18	0	82

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

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. 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.

## **Core 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

- **Systems Biology**  
An introduction into the biology of animals, particularly into the different body systems and their interactions
- **Animal Genetics**  
An introduction into the science of genetics and heredity
- **Animal Health & Disease**  
Studying how diseases affect animals and how to apply informed decision-making
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- **Fundamental skills for Zoology**  
An introduction to the key academic and vocational skills and personal attributes to be successful in a career in the animal industry and through the study of zoology.

## Year 2

- **Conservation Biology**  
This module will introduce you to the fundamental principles of wildlife conservation, and apply knowledge learnt in year 1, including genetics, biodiversity and tackling real world problems
- **Undergraduate Research Process**  
This module introduces students to the methods of research and analysis required for their dissertation

**Optional modules:** These can cover a range of animal science topics including ethics and welfare, behavioural and evolutionary ecology, animals in education, measuring animal behaviour, management of domestic animals and animal microbiology. The second year Field Course module offers the option of a trip to South Africa to study the local wildlife.

## Year 3

- **Wildlife Management & Conservation Genetics**  
This module provides the opportunity to work with a UK zoo to explore the application of the biology learnt throughout the course to the practical zoo environment, through a residential trip. Students will also explore topics such as wildlife reintroduction and breeding for conservation.
- **Undergraduate Dissertation**  
Students will partake in independent research and analysis in a related area with 1:1 support from an academic.

**Optional modules:** These can cover a range of animal science topics including advanced animal microbiology, anthrozoology and animal psychology.

**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.

	<b>Written Examination (%)</b>	<b>Coursework (%)</b>	<b>Practical Examination (%)</b>
<b>Year 0</b>	12	44	44
<b>Year 1</b>	40	29	31
<b>Year 2</b>	39	33	28
<b>Optional Integrated</b>	0	100	0

<b>Placement Year</b>			
<b>Year 3</b>	40	57	3

**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 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. While many of these are included in the course fees, there is the opportunity to engage in additional study tours with additional costs involved. One of the optional modules in the second year, Field Course, offers a trip to South Africa to study the ecology and ethology of the area. This South African trip costs in the region of £1500. In the final year of the course there is an optional residential trip to a UK zoo, as part of the Wildlife Management and Conservation Genetics module. This residential trip will incur an additional cost around £150 to cover the cost of accommodation if required. 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 at: <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.