



HARTPURY
UNIVERSITY

Programme Information Sheet for 2020 entry

MSci (Integrated Masters) Equine Science

UCAS Code: D336

Award on completion of programme: MSci Equine Science OR MSci Equine Science with Integrated Placement Year

Professional body accreditation: None

Location of study: Hartpury University.

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

A-levels: Typical offer is ABB 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 DDM 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 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. During the final year of this programme, modules may be taught in blocks which may include Saturdays and Sundays. 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 an optional module. 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 contribute towards your overall award mark and outcome. The modules contain mixture of scheduled learning, independent learning and sometimes learning whilst on work placement.

	Scheduled Contact Learning (%)	Placement Learning (%)	Independent Learning (%)
Year 1	24	0	76
Year 2	24	0	76
Year 3	21	0	79
Year 4	30	0	70

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. This is an integrated Masters programme, meaning students will complete the work for a Bachelor's degree before advancing to their final year of Masters work. The final year modules are normally taught in two to four day blocks, allowing students to work around their other commitments. Some modules may bring in guest lecturers to provide topical and industry-relevant talks.

Compulsory Modules

Year 1:

- 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 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 Industry
Discussion of the scope and management of the equine industry in the UK and Europe.

And one optional module from:

- Animal Genetics
An introduction into the science of genetics and heredity.
- Equitation
Students will develop their riding abilities. Please be aware that Hartpury Equine operates a weight limit of 15 stone (or 95kg) for flatwork and 14 stone (or 89kg) for jumping.

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 in the third year.

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 biomechanics, and stud management

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

Year 3:

- Applied Research Project
Students will partake in independent research and analysis in a related area of their choice.
- Postgraduate Independent Study
The critical evaluation of literature to create an evidence based written debate of a topic of the individual students choosing and is the first Masters level module that the MSci students will undertake.

Optional modules: Third 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.

Year 4:

- Postgraduate Independent Project
Development and implementation of a research project of the students choosing.
- The Research Process
Discussion of research methodologies and applications, as well as strengths, weaknesses, and limitations of different methods.

Optional modules: Masters level modules in the final year allow students to further their critical knowledge and evaluative skills around topics including exercise physiology, therapy and rehabilitation, behaviour and welfare, and wider investigations into equestrian research

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	50	38	12
Year 3	19	47	34
Year 4	13	61	26

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.

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. 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 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 6 May 2020.



MSci (Integrated Masters) Equine Science

UCAS Code: D336

Award on completion of programme: MSci Equine Science OR MSci Equine Science with Integrated Placement Year

Professional body accreditation: None

Location of study: Hartpury University.

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

A-levels: Typical offer is ABB 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 DDM 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 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. During the final year of this programme, modules may be taught in blocks which may include Saturdays and Sundays. 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 an optional module. 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 contribute towards your overall award mark and outcome. The modules contain mixture of scheduled learning, independent learning and sometimes learning whilst on work placement.

	Scheduled Contact Learning (%)	Placement Learning (%)	Independent Learning (%)
Year 1	24	0	76
Year 2	24	0	76
Year 3	21	0	79
Year 4	30	0	70

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. This is an integrated Masters programme, meaning students will complete the work for a Bachelor's degree before advancing to their final year of Masters work. The final year modules are normally taught in two to four day blocks, allowing students to work around their other commitments. Some modules may bring in guest lecturers to provide topical and industry-relevant talks.

Compulsory Modules

Year 1:

- 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 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 Industry
Discussion of the scope and management of the equine industry in the UK and Europe.

And one optional module from:

- Animal Genetics
An introduction into the science of genetics and heredity.
- Equitation
Students will develop their riding abilities. Please be aware that Hartpury Equine operates a weight limit of 15 stone (or 95kg) for flatwork and 14 stone (or 89kg) for jumping.

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 in the third year.

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 biomechanics, and stud management

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

Year 3:

- Applied Research Project
Students will partake in independent research and analysis in a related area of their choice.
- Postgraduate Independent Study
The critical evaluation of literature to create an evidence based written debate of a topic of the individual students choosing and is the first Masters level module that the MSci students will undertake.

Optional modules: Third 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.

Year 4:

- Postgraduate Independent Project
Development and implementation of a research project of the students choosing.
- The Research Process
Discussion of research methodologies and applications, as well as strengths, weaknesses, and limitations of different methods.

Optional modules: Masters level modules in the final year allow students to further their critical knowledge and evaluative skills around topics including exercise physiology, therapy and rehabilitation, behaviour and welfare, and wider investigations into equestrian research

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	51	36	13
Year 3	21	46	36
Year 4	15	73	12

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.

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. 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 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.