HARPER ADAMS UNIVERSITY
Programme Specification

1	**Awarding Institution:**	Harper Adams University
2	**Teaching Institution:**	Askham Bryan College
3	**Course Accredited by:**	Not applicable
4	**Final Award and Level:**	BSc / BSc (Hons) (Level 6)
5	**Interim Award(s) and Level(s):**	Certificate of Higher Education Equine Science with Management (Level 4) Diploma of Higher Education Equine Science with Management (Level 5) BSc Equine Science with Management (Level 6)
6	**Award Title:**	Equine Science with Management
7	**UCAS Code:**	D4D8
8	**HECoS and CAH2 Group(s):**	**HECoS code:** 100519 – Equine Studies 60% 100078 – Business and Management 40% **CAH:** CAH06, CAH17
9	**QAA Benchmark Statement(s):**	Agriculture, Horticulture, Forestry, Food, Nutrition and Consumer Sciences Biosciences (2019) Earth sciences, environmental sciences and environmental studies (2022)
10	**Language of Study:**	English
11	**Mode of Study:**	Full-Time/Part-Time
12	**Course Duration:**	See section below
13	**Date Approved or Revised:**	Validation Event held on 4th May 2023 (September 2023 – August 2029

CONTEXT AND RATIONALE

Graduates in the equine industry need educating to a high standard to meet future change particularly in the areas relating to health and welfare legislation and economic factors affecting the sustainability of the industry (Lantra, 2012). The BSc/BSc (Hons) Equine Science with Management programme has been designed for students who wish to develop knowledge and skills to enter the equine industry in areas related especially to equine science and equine health, welfare, behaviour and coaching. Current skills gaps within the equine industry include management and planning, ICT and technical, communications, literacy and numeracy skills, all of which will also be developed through the generic aims of this programme.

Year one and two of the programme provides students wishing to follow a science-based career in the industry with a sound introduction to equines and the equine industry.
It goes on to offer a suite of equine science modules.

Part three offers a more research-based programme with options for specialisation in coaching, marketing or nutrition.

Graduates can expect to progress onto career opportunities such as scientific research, nutrition, medical technology and diagnostics, behavioural welfare and ethical spheres amongst others.

Askham Bryan College has an established equine centre with a strong relationship with the British Horse Society. It is a registered training and examination centre for horse care and riding and already runs a range of professional training for those who take part in equine sports. The equine centre includes three indoor yards, large indoor arena and an outdoor arena. There is a practical teaching area with stalls for three horses, a horse weigh bridge and solarium and a horse walker. Currently approximately 30 horses are maintained on the equine centre yard and higher education students' access these for a range of practical lessons and assessments.

The BSc/BSc (Hons) degree programme has been designed to allow students to progress directly onto a three-year programme of study.

Students will integrate applied equine research with the scientific theory of managing equines. The course prepares students for management level careers in the equine and associated leisure industries.

LANTRA (2011) states there is an emerging skills gap within the equine industry for professional skills such as ‘marketing, ICT and commerce’ and that the equine industry needs a professionally trained workforce with a range of employability related skills in addition to the traditional technical skill set. Within the equine workforce those qualified to Level 4 or above is 9% compared to the national average which is 36%. This suggests that the workforce of the future need to be entering the equine industry with an increasingly professional skill set which can be facilitated and fits with tailored HE education provision.

All Higher Education qualifications provide students with excellent academic and transferable skills. This qualification may also lead to employment in a wide variety of roles within the industry or to further postgraduate level study.
Students will have opportunity to undertake ten weeks of work experience placement over the course of the BSc to further embed practical skills in synthesis with academic knowledge gained within the qualification.

GENERIC AIMS

All BSc (Hons) awards aim to provide the following:

1) To develop in each student subject knowledge and understanding appropriate to individual interests and developing vocational needs.

2) To develop each student's intellectual powers, their understanding and judgement, their ability to see relationships within what they have learned and to examine the field of study in a broader perspective.

3) To develop the personal effectiveness and employability of students, in particular their ability to learn, to communicate, to work with others and to solve problems.

4) To develop those skills of professional scholarship required for career management, lifelong learning and innovation.

5) To inculcate an awareness of the wider consequences of economic activity and a determination to minimise harmful effects on the environment and on people.

6) To provide a lively, stimulating and challenging educational experience.

AWARD-SPECIFIC AIMS

The BSc/BSc (Hons) Equine Science with Management award aims to provide the following:

1. To develop in each student an understanding of and an ability to manage populations of horses in a variety of work-related situations.

2. To develop an understanding in students about equine husbandry, performance, health and nutrition for a range of equines.

3. To develop in students an appreciation of technological, veterinary and scientific developments within the field of equine management.

4. To develop an understanding of the principles of equine behaviour, management, performance and business.

5. To develop students' research skills to allow them to generate realistic and imaginative research projects related to their studies whilst applying methods to solve routine problems relevant to the course, with some awareness of appropriate controls, possible bias, ethics and sustainability.

6. To develop communication and management skills and the ability to apply them to problems associated with equine management, behaviour and performance.

7. To enable the students to explain and evaluate the contribution of equine management, behaviour and performance to solving interdisciplinary challenges and the role of interdisciplinary thinking in solving scientific problems.

GENERIC OUTCOMES

On successful completion of BSc/BSc (Hons) Equine Science with Management award, students will be able to:

A	Knowledge	Demonstrate a detailed and specialised knowledge of a range of theories, ideas, terminology and contexts associated with the discipline, with a clear appreciation of the ways in which knowledge is developed and the provisional nature of knowledge.
B	Problem Solve	Select, devise and evaluate the use of appropriate strategies to solve complex, unpredictable, ambiguous and real-world problems.
C	Analysis	Analyse complex data using appropriately selected techniques; draw out robust findings in this process; and thoroughly evaluate the effectiveness of the analytical strategy.
D	Synthesis	Select and combine ideas and/or data to generate meaningful and convincing composite evidence or arguments with a clear purpose.
E	Evaluation	Review complex and unpredictable information to address unpredictable, ambiguous or real-world problems, with a good awareness of the limitations of both the material under review and the analytical approach.
F	Digital Competence	Select, use and evaluate technologies to enable or enhance the performance of specific tasks, and appreciate the evolution of technology in their discipline.
G	Team Work	Work effectively with others, with minimal or no supervision, to achieve positive outcomes; demonstrate leadership and management capabilities within a team situation; and critically assess their personal contribution to the team.
H	Career Dev	Recognise, pursue, record and reflect on personal development to pursue personal career goals and appreciate the changing nature of the workplace and the need for personal resilience and **lifelong learning.**
I	Communications	Communicate effectively and professionally for a range of different purposes and through different modes, with consideration of audience needs as well as other contextual factors such as commercial sensitivity, impact maximisation and accessibility requirements.
J	Practical Comp	Perform practical operations in complex, unpredictable, real-world situations that require the selection of combined or novel practical skills and critically review personal effectiveness in practical tasks with reference to relevant professional standards.

K	Autonomy	Act independently and autonomously with minimum supervision in academic and practical tasks.
L	Research	Select and use research to inform the development of knowledge and understanding, and to inform decision-making.
M	Sustain Practice	Evaluate the sustainability of practices, processes or developments, with attention to different stakeholder perspectives, unintended consequences, economic and social dimensions, or environmental considerations.
N	Global	Compare and contrast international examples or case studies that are associated with the discipline and work with an active awareness of global factors or trends that have an impact on specific areas of study.
O	Ethics	Locate a range of ethical issues associated with their own research or professional behaviours, and demonstrate personal responsibility for ethical choices, including adherence to professional codes in complex ethical dilemmas.
P	Placement	Not applicable
Q	Honours	Effectively plan and undertake research.

AWARD-SPECIFIC OUTCOMES

On successful completion of the BSc/BSc (Hons) Equine Science with Management award students will be able to:

R. Demonstrate a detailed understanding of management concepts, knowledge and practical techniques which are required in a range of employment situations related to equine science and management.

S. Apply generic and subject specific knowledge and understanding to the study and application of equine scientific principles in a range of situations.

T. Appreciate and employ the main methods of enquiry relating to how technological, veterinary and scientific developments within the field of equine management influence past, present and future management techniques.

U. Identify, analyse and solve a range of problems relating to the management of equine establishments and enterprises.

V. Work within and be capable of adjusting to professional and disciplinary boundaries that exist within various positions of employment in the equine industry.

W. Apply skills and knowledge acquired from the programme to recommend improvements and developments in a range of equine management situations.

The aims and outcomes of this Honours Degree programme reflect the level descriptors for higher education qualifications, part of the QAA Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies (2014).

The award is reflected in the benchmark statements for Agriculture, Horticulture, Forestry, Food, Nutrition and Consumer Sciences (2019) and Biosciences (2023) as well as Earth Sciences, Environmental Sciences and Environmental Studies (2022). In addition, the themes of sustainability and globalisation are embedded.

The College holds a regular Technical Advisory Group and feedback from employers help to shape the curriculum from an industry perspective.

PROFESSIONAL ACCREDITATION ARRANGEMENTS

British Horse Society (BHS) career pathway skills record can be completed for stages one, two and three. A wide range of practical skills for equine yard and stable management are taught and assessed and, where students are interested in completing BHS exams, there is additional opportunity to have the BHS career skills logbook signed off.

COURSE PROGRESSION, MODULE COMPENSATION, TRANSFER, ADVANCED STANDING AND INTERIM AWARDS

Course Duration

The full-time programme will be completed in three years, with each academic year consisting of two semesters, each typically of 12 weeks duration, in addition to directed study weeks and examination periods.

The part-time programme will be completed in six years and typically be no less than 50% of the standard module diet of the full-time version of the award.

The maximum period of registration is two years beyond the expected course duration, to allow for periods of approved postponement or repeat study.

Progression

On successful completion of the BSc (Hons) students may be eligible to study the following programmes:

MSc Applied Animal Behaviour and Welfare
MSc Zoo Management and Conservation

Module Compensation Exclusions

The following modules are not eligible for compensation within the BSc (Hons) Equine Science with Management programme:

Part 1 modules:	Academic Writing and Research
Part 2 modules:	Research Skills - Equine
Part 3 modules:	Research Project

The following modules are not eligible for compensation within the BSc Equine Science with Management programme:

Part 1 modules:	Academic Writing and Research
Part 2 modules:	Research Skills – Equine
Part 3 modules:	All modules are eligible for compensation

Transfer

BSc Top Up
For an Ordinary Degree BSc Equine Science with Management candidate to progress to Honours Degree they must have completed a minimum of 80 credits after re-assessment at Level 6 and achieved a mean grade of >55%.

Entry with Advanced Standing

Table 4.1 in **Section 4** of the *Academic Quality Assurance Manual* identifies the maximum credit that can normally be advanced for students wishing to enter with advanced standing from a Harper Adams' award, or an award from another institution. Harper Adams' awards which qualify for the maximum volume of advanced standing into this programme are listed as follows:

Interim awards which qualify for a lower level of advanced standing, including Harper Adams' awards, into this programme are listed below:

The course structure diagram(s) identify the specific study programme(s) for candidates entering with advanced standing. **Section 4.5.12** of the *Academic Quality Assurance Manual* specifies the arrangements for transfer and advanced entry and these will apply unless an alternative arrangement has been approved.

Interim Awards

The requirements for interim awards associated with final awards are as follows:

Certificate of Higher Education Equine Science with Management

> The outcomes required for this award are: A, B, C, D, E, F, G, H, I, J, K, L, M, N, R. Students will have obtained a minimum of 120 credits at Level 4 in accordance with the assessment regulations.

Diploma of Higher Education Equine Science with Management

> The outcomes required for this award are: A, B, C, D, E, F, G, H, I, J, K, L, M, N, R. The requirements for interim awards associated with final awards are students will have obtained a minimum of 240 credits (with a minimum of 120 credits at Level 5) in accordance with the assessment regulations.

Ordinary Degree Equine Science with Management

> The outcomes required for this award are: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, S, T, U, and V students will have obtained a minimum of 300 credits (with a minimum of 80 credits at level 6). This will normally include a pass in the following modules core to the Ordinary Degree Programme:
>
> Academic Writing and Research
> Principles of Equine Management
> Equine Anatomy and Physiology
> Practical Horsemanship with Coaching
> Managing Future Equine Enterprise
> Equine Behaviour and Welfare
> Research Skills - Equine
> Equine Health and Nutrition
> Applied Marketing for the Equine Industry
> Equitation Science
> Equine Event Management
> Performance Horse Production and Evaluation
> Recent Advances in Equine Veterinary Science
> Sustainable Development in the Equine Industry

Entry with Accreditation of Prior Learning (APL)/ Accreditation of Prior Experiential Learning (APEL) will be accepted in accordance with the Askham Bryan College procedure and Harper Adams University regulations. No more than ⅔ credit for the award may be derived from APL. Within this limit, no more than half of the total credit value of the award may be derived from APEL.

Holders of Foundation Degree awards will typically already have 120 credits at level 4 plus 120 credits at level 5.

Holders of a matching HND/Foundation Degree with a Merit profile (mean mark of 55% or greater) may be admitted to an honours degree programme. Those who achieve a Pass profile (mean mark of between 40-54%) may be admitted to the BSc programme.

COURSE STRUCTURE, LEVELS AND CREDIT REQUIREMENTS FOR INTERIM AND FINAL AWARDS

Harper Adams' programmes are based on a credit-accumulation system where 1 credit represents 10 notional hours of student study time. Modules are normally 20 credits or multiples thereof. Modules are also at different levels from Levels 3 – 7, according to their intellectual challenge. Courses leading to specific awards include **core modules, optional modules** from which students must select choices up to the number of credits required.

The minimum credit requirements needed to progress to interim and final awards are listed in **Section 4.4.5** of the *Academic Quality Assurance Manual*. These are reflected in the corresponding course structure study programmes, which follow.

Part 1		**Part 2**		**Part 3**	
Year 1 **All at Level 4 unless indicated**		**Year 2** **All at Level 5 unless indicated**		**Year 3** **All at Level 6 unless indicated**	
CORE Semester 1	**CORE** Semester 2	**CORE** Semester 1	**CORE** Semester 2	**CORE** Semester 1	**CORE** Semester 2
Academic Writing and Research ABC4200 (20 credits)		Research Skills - Equine Module Code (20 credits)		Research Project ABC6200 (40 credits)	
Principles of Equine Management ABE4204 (20 credits)		Equine Health and Nutrition Module Code (20 credits)		Recent Advances in Equine Veterinary Science ABE6202 (20 credits)	
Equine Anatomy and Physiology ABE4201 (20 credits)	Managing Future Equine Enterprise ABE4202 (20 credits)	Applied Marketing for the Equine Industry Module Code (20 credits)	Performance Horse Production and Evaluation Module Code (20 credits)	Sustainable Development in the Equine Industry ABA6236 (20 credits)	
Practical Horsemanship with Coaching ABE4203 (20 credits)	Equine Behaviour and Welfare ABE4200 (20 credits)	Equitation Science Module Code (20 credits)	Equine Event Management Module Code (20 credits)		
ELECTIVES	**ELECTIVES**	**ELECTIVES**	**ELECTIVES**	**ELECTIVES**	**ELECTIVES** Choose Two Modules
Not applicable	Not applicable	Not applicable	Not applicable		Advanced Equine Nutrition ABE6201 (20 credits)
					Advanced Equestrian Coaching ABE6200 (20 credits)
					Strategic Marketing for the Equine Industry ABE6203 (20 credits)

Full-time students will normally study at least 120 credits (equivalent to 1200 study hours) per year from core (compulsory) and elective modules.

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All at Level 4 unless indicated		All at Level 5 unless indicated		All at Level 6 unless indicated	
CORE Year 1	**CORE** Year 2	**CORE** Year 3	**CORE** Year 4	**CORE** Year 5	**CORE** Year 6
Academic Writing and Research ABC4200 (20 credits)	Principles of Equine Management ABE4204 (20 credits)	Research Skills - Equine Module Code (20 credits)	Equine Health and Nutrition Module Code (20 credits)	Research Project ABC6200 (40 credits)	
Equine Anatomy and Physiology ABE4201 (20 credits)	Managing Future Equine Enterprise ABE4202 (20 credits)	Applied Marketing for the Equine Industry Module Code (20 credits)	Performance Horse Production and Evaluation Module Code (20 credits)	Recent Advances in Equine Veterinary Science ABE6202 (20 credits)	
Practical Horsemanship with Coaching ABE4203 (20 credits)	Equine Behaviour and Welfare ABE4200 (20 credits)	Equitation Science Module Code (20 credits)	Equine Event Management Module Code (20 credits)	Sustainable Development in the Equine Industry ABA6236 (20 credits)	
ELECTIVES	**ELECTIVES**	**ELECTIVES**	**ELECTIVES**	**ELECTIVES**	**ELECTIVES**
Not applicable	Not applicable	Not applicable	Not applicable		Choose Two Modules
					Advanced Equine Nutrition ABE6201 (20 credits)
					Advanced Equestrian Coaching ABE6200 (20 credits)
					Strategic Marketing for the Equine Industry ABE6203 (20 credits)

Part time students will normally study at least 60 credits (equivalent to 600 study hours) per year from a combination of core (compulsory) and elective modules.

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COURSE DESIGN, LEARNING, TEACHING AND ASSESSMENT METHODS

Assessment philosophy

Assessments will vary to reflect the academic, technological, practical and professional skills development of students on the BSc/BSc (Hons) Equine Science with Management programme.

Learning and teaching methods

Teaching and learning methods used to deliver this curriculum are designed to provide experience, and, through reflection upon it, develop concepts which can then be explored through testing and experimentation. Methods vary according to the nature of each module's subject matter but include a wide diversity from more formal lectures to student centred activities including assignments, seminars, field trips, guest lectures and case studies. Practical skills will be developed during sessions in the equine unit, on field trips and in laboratories.

All students carry out an element of research in the final year. The curriculum is delivered in such a way that there is a reducing reliance on tutor-directed study as students' progress through their programme. Students will be supported with their study via the college's virtual learning environment (VLE) which will prepare them for the autonomy expected of HE students and for Continuing Professional Development studies, post-graduation.

Transferable skills

Modules are designed to develop the skills required to succeed on college courses, to obtain employment, to manage careers and to develop the scholarship required in a learning society. The programme includes activities to develop core skills of communication, numeracy, IT and personal development planning. Industry placement periods (normally 10 weeks across the three years) help to develop the skills and attributes required in the world of work. Higher level modules are designed to develop teamwork, independent learning, problem solving and research.

Typical assessment

Assessment is considered an important part of the learning process. Modules are assessed in one, two or three pieces of assessment. Each assessment will provide summative feedback for the learning outcomes in the module. The contribution of each assessment to the end overall mark is indicated in the module descriptors. There is no threshold requirement in any assessment component. Assessment methods are diverse and include literature review-based essays, problem-based assignments, oral presentations, business written reports, practical tasks, individual and team scenario exercises, experimental work and placement assignments. Time constrained assessment (TCA) includes closed and open book assessment, with both seen and unseen questions and tasks set.

A range of subject specific assessment methodologies will be included to develop practical and technical skills. These will include professional discussion, peer observation, case studies and practical assessments.

To introduce Level 4 students to HE assessment processes, some semester 1 modules have early assessment submissions with Pre-Christmas feedback. Modules with TCA's that are running in the first semester have a late TCA at the end of Semester 1.

ENTRANCE REQUIREMENTS

Applicants will normally have 5 GCSE's or above including English, maths and science at Grade 4/C or above. Achievements at Level 2 in appropriate Functional Skills will also be considered as an alternative for English and maths and Merit grades or above in science-based modules at Level 3 can be used as an alternative to GCSE Science.

Applicants are expected to achieve a minimum of 84 UCAS points.

Applicants will normally have studied a two-year level 3 programme at A Level, to include Biology, or a vocational Level 3 Diploma. Normally applicants will be expected to show achievements in science modules at Merit grade or above in vocational programmes. This reflects the science-based nature of the programmes.
Applicants without appropriate achievements in science may be asked to undertake an assessment of scientific knowledge.
Applications from those that have significant life or work experience after leaving compulsory education will normally have studied and achieved an Access to HE course or successfully completed a minimum of a one-year level 3 courses and/or be able to demonstrate that they are working at an appropriate level in English, maths and science through an assessment process.

Curriculum Map for BSc/BSc (Hons) Equine Science with Management (Level 4)

Award Outcomes	Core or Elective	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
Academic Writing and Research	Core	X	X	X	X	X	X		X	X		X	X		X	X								
Principles of Equine Management	Core	X	X	X	X	X		X	X	X	X	X	X	X	X	X			X		X	X		X
Equine Anatomy and Physiology	Core	X		X	X	X	X		X	X		X	X							X				
Practical Horsemanship with Coaching	Core	X	X	X	X	X		X	X	X	X	X	X						X				X	
Managing Future Equine Enterprise	Core	X	X	X	X	X	X		X	X		X	X	X	X							X	X	X
Equine Behaviour and Welfare	Core	X	X	X	X	X	X	X	X	X	X	X	X			X				X	X			

A	Knowledge	Identify and describe key theories, ideas and terminology associated with the discipline.
B	Problem Solve	Solve straightforward, routine or predictable problems using strategies that are specified.
C	Analysis	Analyse data or ideas using specified procedures to generate usable findings.
D	Synthesis	Categorise information and draw on multiple sources to fulfil a specified purpose.
E	Evaluation	Review information in a balanced manner, using specified methods to fulfil a given purpose.
F	Digital Competence	Use technologies to enable or enhance the performance of specific tasks and demonstrate a commitment to developing appropriate digital competencies.
G	Team Work	Work with others to meet specified objectives and fulfil personal goals.
H	Career Develop	Recognise how learning within their programme links to future careers and identify the knowledge, skills and attributes associated with different relevant professions.
I	Communications	Communicate clearly to convey an understandable message in relation to specific tasks and audiences.
J	Practical Comp	Perform practical operations in predictable, routine situations that require the application of specified procedures.
K	Autonomy	Take responsibility for studies and self-development with guidance and support. Use the resources available to help learning.
L	Research	Recognise that research can generate theory and ideas that are used in practice.
M	Sustain Practice	Recognise the meaning and importance of sustainable practice and identify some of the ways that sustainable practice manifests.
N	Global	Identify a range of international examples or case studies that are associated with the discipline.
O	Ethics	Recognise some ethical challenges and appreciate the need or personal responsibility.
P	Placement	Not applicable
Q	Honours	Not applicable
R		Demonstrate a detailed understanding of management concepts, knowledge and practical techniques which are required in a range of employment situations related to equine science and management.
S		Apply generic and subject specific knowledge and understanding to the study and application of equine scientific principles in a range of situations.
T		Appreciate and employ the main methods of enquiry relating to how technological, veterinary and scientific developments within the field of equine management influence past, present and future management techniques.
U		Identify, analyse and solve a range of problems relating to the management of equine establishments and enterprises.
V		Work within and be capable of adjusting to professional and disciplinary boundaries that exist within various positions of employment in the equine industry.
W		Apply skills and knowledge acquired from the programme to recommend improvements and developments in a range of equine management situations.

Curriculum Map for BSc/BSc (Hons) Equine Science with Management (level 5)

Award Outcomes	Core or Elective	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
Research Skills - Equine	Core		X	X	X	X	X			X		X	X			X			X	X	X	X	X	X
Equine Health and Nutrition	Core	X	X								X	X	X	X					X	X	X		X	X
Applied Marketing for the Equine Industry	Core	X	X	X	X	X	X	X	X	X		X							X			X	X	
Equitation Science	Core	X	X	X						X	X	X				X			X	X				
Performance Horse Production and Evaluation	Core	X	X	X		X		X		X	X				X	X			X		X			
Equine Event Management	Core	X	X		X		X	X	X	X			X	X	X							X	X	

A	Knowledge	Demonstrate a detailed knowledge of key theories, ideas and terminology associated with the discipline, with some appreciation of how knowledge is developed and used in practice.
B	Problem Solve	Select and use strategies to solve problems that are complex or unpredictable
C	Analysis	Analyse data using recognisable principles or approaches and draw out specific findings from this process with some awareness of the limitations of the approach.
D	Synthesis	Compare and contrast ideas and/or data to strengthen evidence or arguments towards a specified purpose.
E	Evaluation	Review information using selected methods to address complex issues or problems, with an awareness of some of the limitations of the source material
F	Digital Competence	Select and use appropriate technologies to enable or enhance the performance of specific tasks and appreciate the role information and communication technologies play in the discipline or relevant professions.
G	Team Work	Work productively with others on negotiated tasks and evaluate team performance with reference to some of the internal and external factors affecting success
H	Career Dev	Recognise, pursue and record personal development in a way that supports the needs of relevant professional employers.
I	Communications	Communicate effectively through different media and genre, for specialist and non-specialist audiences.
J	Practical Comp	Perform practical operations in more complex or unpredictable situations that require the selection and application of appropriate skills and review personal effectiveness in practical tasks.
K	Autonomy	Work independently and autonomously with only some supervision in academic and practical tasks; make decisions about when support is needed.
L	Research	Use research to inform the development of knowledge and understanding, and to inform decision-making.
M	Sustain Practice	Recognise the complexity of sustainable practice, and assess the sustainability of different practices, processes and/or developments.
N	Global	Compare and contrast international examples or case studies that are associated with the discipline and identify global factors or trends that have an impact on specific areas of study.
O	Ethics	Recognise some ethical challenges associated with research and within professional behaviour, and appreciate the role of personal responsibility and professional codes in complex ethical dilemmas
P	Placement	Not applicable
Q	Honours	Not applicable
R		Demonstrate a detailed understanding of management concepts, knowledge and practical techniques which are required in a range of employment situations related to equine science and management.
S		Apply generic and subject specific knowledge and understanding to the study and application of equine scientific principles in a range of situations.
T		Appreciate and employ the main methods of enquiry relating to how technological, veterinary and scientific developments within the field of equine management influence past, present and future management techniques.
U		Identify, analyse and solve a range of problems relating to the management of equine establishments and enterprises.
V		Work within and be capable of adjusting to professional and disciplinary boundaries that exist within various positions of employment in the equine industry.
W		Apply skills and knowledge acquired from the programme to recommend improvements and developments in a range of equine management situations.

Curriculum Map for BSc/BSc (Hons) Equine Science with Management (Level 6)

Award Outcomes	Core or Elective	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
Research Project	Core for the honours programme			X			X					X	X			X		X						
Sustainable Development in the Equine Industry	Core	X	X			X		X	X	X		X	X	X	X	X		X	X		X	X	X	
Recent Advances in Equine Veterinary Science	Core	X	X	X	X	X			X		X	X	X		X	X		X		X				X
Advance Equestrian Coaching	Elective	X	X					X			X										X	X	X	
Strategic Marketing for the Equine Industry	Elective	X	X	X		X	X	X	X	X		X		X				X	X					
Advanced Equine Nutrition	Elective	X			X					X		X						X		X				X

A	Knowledge	Demonstrate a detailed and specialised knowledge of a range of theories, ideas, terminology and contexts associated with the discipline, with a clear appreciation of the ways in which knowledge is developed and the provisional nature of knowledge.
B	Problem Solve	Select, devise and evaluate the use of appropriate strategies to solve complex, unpredictable, ambiguous and real-world problems.
C	Analysis	Analyse complex data using appropriately selected techniques; draw out robust findings in this process; and thoroughly evaluate the effectiveness of the analytical strategy.
D	Synthesis	Select and combine ideas and/or data to generate meaningful and convincing composite evidence or arguments with a clear purpose.
E	Evaluation	Review complex and unpredictable information to address unpredictable, ambiguous or real-world problems, with a good awareness of the limitations of both the material under review and the analytical approach.
F	Digital Competence	Select, use and evaluate technologies to enable or enhance the performance of specific tasks, and appreciate the evolution of technology in their discipline.
G	Team Work	Work effectively with others, with minimal or no supervision, to achieve positive outcomes; demonstrate leadership and management capabilities within a team situation; and, critically assess their personal contribution to the team.
H	Career Dev	Recognise, pursue, record and reflect on personal development to pursue personal career goals and appreciate the changing nature of the workplace and the need for personal resilience and **lifelong learning.**
I	Communications	Communicate effectively and professionally for a range of different purposes and through different modes, with consideration of audience needs as well as other contextual factors such as commercial sensitivity, impact maximisation and accessibility requirements.
J	Practical Comp	Perform practical operations in complex, unpredictable, real-world situations that require the selection of combined or novel practical skills and critically review personal effectiveness in practical tasks with reference to relevant professional standards.
K	Autonomy	Act independently and autonomously with minimum supervision in academic and practical tasks.
L	Research	Select and use research to inform the development of knowledge and understanding, and to inform decision-making.
M	Sustain Practice	Evaluate the sustainability of practices, processes or developments, with attention to different stakeholder perspectives, unintended consequences, economic and social dimensions, or environmental considerations.
N	Global	Compare and contrast international examples or case studies that are associated with the discipline and work with an active awareness of global factors or trends that have an impact on specific areas of study.
O	Ethics	Locate a range of ethical issues associated with their own research or professional behaviours, and demonstrate personal responsibility for ethical choices, including adherence to professional codes in complex ethical dilemmas.
P	Placement	Not applicable
Q	Honours	Effectively plan and undertake research.
R		Demonstrate a detailed understanding of management concepts, knowledge and practical techniques which are required in a range of employment situations related to equine science and management.
S		Apply generic and subject specific knowledge and understanding to the study and application of equine scientific principles in a range of situations.
T		Appreciate and employ the main methods of enquiry relating to how technological, veterinary and scientific developments within the field of equine management influence past, present and future management techniques.
U		Identify, analyse and solve a range of problems relating to the management of equine establishments and enterprises.
V		Work within and be capable of adjusting to professional and disciplinary boundaries that exist within various positions of employment in the equine industry.
W		Apply skills and knowledge acquired from the programme to recommend improvements and developments in a range of equine management situations.

Additional costs

Students on the programme will have opportunity to take British Horse Society (BHS) exams. Training will take place within the programme and additional to the programme. There will be extra cost to students wishing to undertake these exams for additional training and the examination with the BHS. This link will take you to up to date fees for the examinations. https://www.bhs.org.uk/careers-recreational-awards/assessments-information/assessment-fees/