University of the West of England
BRISTOL

CORPORATE AND ACADEMIC SERVICES

PROGRAMME SPECIFICATION

Part 1: Basic Data		
Awarding Institution	University of the West of England	
Teaching Institution	Hartpury College	
Delivery Location	Hartpury College	
Faculty Responsible for Programme	Hartpury College	
Department Responsible for Programme	Animal and Land Science	
Modular Scheme Title	Undergraduate Modular Scheme, Hartpury College	
Professional Statutory or Regulatory Body Links	None	
Highest Award Title	BSc (Hons) Bioveterinary Science	
Default Award Title	None	
Fall-back Award Title	None	
Interim Award Titles	BSc Bioveterinary Science Dip HE Bioveterinary Science Cert HE Bioveterinary Science Cert Animal Science	
UWE Progression Route	None	
Mode(s) of Delivery	Full time/Part time	
Codes	**UCAS:** BUWE B80 D390A	**JACS:** D300
	ISIS2: D390	**HESA:**
Relevant QAA Subject Benchmark Statements	Agriculture, forestry, agricultural sciences, food sciences and consumer sciences Biosciences Veterinary Science	
CAP Approval Date	29 May 2014	
Valid From	01 September 2013 (2014 entry)	
Valid Until	01 September 2019	
Version	4.4	

Part 2: Educational Aims of the Programme

The programme focuses on preparing individuals to become competent, flexible and accountable bioveterinary science practitioners. It enables the student to gain a working understanding and critical awareness of the problems and/or new insights in the field of bioveterinary science, including issues pertaining to the area of diagnostic techniques and animal health. The programme will prepare the learner with a foundation for lifelong learning and enable them to:

1 Build on basic scientific principles to develop a knowledge and understanding of the animal both in health and disease
2 Apply practical laboratory skills and diagnostic techniques.
3 Think constructively and critically, discuss and evaluate concepts and theories, propose sound and reasoned solutions to problems
4 Meet the needs of the industry sector providing the foundation for a range of careers.
5 Transfer skills to different working environments
6 Apply critical thinking skills and independent decision making on issues pertaining to the analysis of animals health and diseases
7 Undertake an in depth and sustained piece of work with minimal supervision.
8 Provides high quality education and professional development, supported by a strong base of creative and applicable research;
9 Enables students to progress into postgraduate study or research;
10 Subscribes and contributes to the philosophy and operation of the University of the West of England's Undergraduate Modular Scheme.

Programme requirements for the purposes of the Higher Education Achievement Record (HEAR)

The qualification is defined by the range of subject areas covered which enables the student to flavour their qualification according to their particular interest and career aspirations. Irrespective of subject area chosen, the student will successfully achieve on this programme through a process of evaluative and critical enquiry. This will enable them to not only acquire the most up to date knowledge relating to their chosen subject areas, but to use that knowledge to problem solve and provide solutions to the challenges of the industry sector.

Part 3: Learning Outcomes of the Programme

The award route provides opportunities for students to develop and demonstrate knowledge and understanding, qualities, skills and other attributes in the following areas:

Learning Outcomes:	**Anatomy & Physiology**	**Biochemistry**	**Animal Genetics**	**Introduction to Animal Behaviour**	**Animal Health & Disease**	**Introduction to Animal Welfare**	**Animal Nutrition**	**Applied Animal Health & Disease**	**Undergraduate Research Process**	Animal Reproductive Physiology	Animal Therapy 1	Management of Domestic Animals	**Pathology**	Animal Microbiology	Independent Report	International Academic Study Portfolio	International Academic Study Project	International Academic Study External Project	**Undergraduate Dissertation**	**Pharmacology & Immunology**	Infections Animal Disease & Control	Epidemiology	Undergraduate Independent Study	Advanced Animal Microbiology	Animal Therapy 2	Developments in Animal Science
A) Knowledge and understanding of:																										
1 An understanding, and a critical awareness of the problems and/or new insights in the field of bioveterinary science including issues pertaining to the area of diagnostic techniques and animal health.					✓			✓		✓	✓	✓	✓	✓		✓	✓	✓		P	P	P		P	P	P
2 Comprehension of anatomical, physiological and nutritional principles related to animal health and disease.	✓	✓	✓				✓	✓		✓	✓	✓	✓			✓	✓	✓		P	P				P	

Learning Outcomes:	**Anatomy & Physiology**	**Biochemistry**	**Animal Genetics**	**Introduction to Animal Behaviour**	**Animal Health & Disease**	**Introduction to Animal Welfare**	**Animal Nutrition**	**Applied Animal Health & Disease**	**Undergraduate Research Process**	Animal Reproductive Physiology	Animal Therapy 1	Management of Domestic Animals	**Pathology**	Animal Microbiology	Independent Report	International Academic Study Portfolio	International Academic Study Project	International Academic Study External Project	**Undergraduate Dissertation**	**Pharmacology & Immunology**	Infections Animal Disease & Control	Epidemiology	Undergraduate Independent Study	Advanced Animal Microbiology	Animal Therapy 2	Developments in Animal Science
3 An understanding of the different modes of disease transmission, and the effects on individuals and populations.					✓	✓		✓				✓	✓	✓		✓	✓	✓			P	P		P		
4 The skills and ability to perform laboratory tests relevant to given situations and evaluate the validity of test results within the context of the clinical case.	✓	✓					✓						✓	✓		✓	✓	✓	P					P		
5 The ability to apply the knowledge gained during the programme, together with an understanding of how established techniques of research and enquiry are used to create and interpret knowledge in the applied science discipline.				✓					✓						✓	✓	✓	✓	P	P	P	P	P	P	P	P
(B) Intellectual Skills																										
1 Use problem solving skills and decision making strategies to support test results in the context of the clinical case.	✓	✓					✓	✓			✓		✓	✓	✓	✓	✓	✓			P	P		P	P	
2 Use skills of reflection, evaluation and critical thinking to support effective diagnostic techniques in the bioveterinary context.					✓			✓		✓	✓	✓	✓	✓		✓	✓	✓			P			P	P	
3 Demonstrate the ability to apply critical evaluation and informed decision making when undertaking diagnostic techniques in relation to animals both in health and sickness.				✓	✓	✓					✓		✓	✓	✓	✓	✓	✓	P	P	P	P	P	P	P	P
4 Demonstrate the ability to undertake sustained study applying deeper cognitive learning to an aspect of animal health/disease.									✓						✓	✓	✓	✓	P	P	P	P	P	P	P	P
5 Critically evaluate an aspect of bioveterinary science based on systematic rigorous research processes which highlights both implications and recommendations for developing current and future diagnostic practice.									✓						✓	✓	✓	✓	P	P	P	P	P	P	P	P
6 Demonstrate a commitment to continuing professional development and lifelong learning through the development of skills in relation to self directed and independent study.	✓	✓	✓	✓	✓	✓	✓	✓							✓	✓	✓	✓	P	P	P	P	P	P	P	P
(C) Subject/Professional/Practical Skills																										
1 Undertake skilled and competent evaluative and practical bioveterinary skills	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	P					P	P	
2 Communicate effectively with individuals, clients and veterinary surgeons, establishing professional and ethical relationships						✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		P	P			P	P	
3 Maintain the standards and practices required of the industry						✓		✓		✓	✓	✓	✓	✓		✓	✓	✓	P	P	P	P	P	P	P	P
4 Recognise moral/ethical dilemmas and issues.				✓		✓		✓								✓	✓	✓	P	P		P				P

Learning Outcomes:	**Anatomy & Physiology**	**Biochemistry**	**Animal Genetics**	**Introduction to Animal Behaviour**	**Animal Health & Disease**	**Introduction to Animal Welfare**	**Animal Nutrition**	**Applied Animal Health & Disease**	**Undergraduate Research Process**	Animal Reproductive Physiology	Animal Therapy 1	Management of Domestic Animals	**Pathology**	Animal Microbiology	Independent Report	International Academic Study Portfolio	International Academic Study Project	International Academic Study External Project	**Undergraduate Dissertation**	**Pharmacology & Immunology**	Infections Animal Disease & Control	Epidemiology	Undergraduate Independent Study	Advanced Animal Microbiology	Animal Therapy 2	Developments in Animal Science
(D) Transferable skills and other attributes																										
1 Communicate effectively with a wide range of individuals using a variety of means;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	P	P	P	P	P	P	P
2 Evaluate their own academic, vocational and professional performance;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	P	P	P	P	P	P	P
3 Utilise problem solving skills in a variety of theoretical and practical situations;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	P	P	P	P	P	P	P
4 Manage change effectively and respond to changing demands;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	P	P	P	P	P	P	P
5 Take responsibility for personal and professional learning and development;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	P	P	P	P	P	P	P
6 Manage time, prioritise workloads and recognise and manage personal emotions and stress;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	P	P	P	P	P	P	P
7 Understand career opportunities and challenges ahead and begin to plan a career path;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	P	P	P	P	P	P	P
8 Use information management skills, for example; information technology, library resources, the use of information technology in the workplace.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	P	P	P	P	P	P	P

NOTE:
1 P denotes provisional allocation prior to full approval for 2015 delivery.
2 Third year modules will be presented at a CAP during the academic cycle 14/15.

Part 4: Student Learning and Student Support

Teaching and learning strategies to enable learning outcomes to be achieved and demonstrated
At UWE, Bristol there is a policy for a minimum average requirement of 12 hours/week contact time over the course of the full undergraduate programme. This contact time encompasses a range of face to face activities as described below. In addition a range of other learning activities will be embedded within the programme which, together with the contact time, will enable learning outcomes to be achieved and demonstrated.

On the BSc (Hons) Bioveterinary Science programme there is a mixture of teaching approaches including:

Scheduled Learning
Includes lectures, seminars, tutorials, project supervision, demonstration, practical classes and workshops; fieldwork and external visits. Scheduled sessions may vary slightly depending on the module choices made.

Independent Learning
Includes hours engaged with essential reading, case study preparation, assignment preparation and completion etc. Scheduled sessions may vary slightly depending on the module choices made.

International Academic Study
Within this programme there is an opportunity to gain academic credit for a period of studying abroad. The student would be supported to identify an opportunity of interest, which may be with established College partners or by individual arrangement. All periods of study abroad would have to meet the College's requirements before enrolment on the International Academic Study opportunity modules.

Virtual Learning Environment (VLE) (or equivalent)
This specification is supported by a VLE where students will be able to find all necessary module information. Direct links to information sources will also be provided from within a VLE.

Careers
To support learner's career preparations, careers personnel visit Hartpury on a regular basis and the students can use all the on line resources. Tutors will also offer subject specific careers advice through module sessions or individual tutorials. Careers Fairs are arranged periodically to allow students to engage directly with employers from the industry sector.

Description of any Distinctive Features

The purpose of the programme is to provide a balance of vocational and academic study that is intellectually challenging, vocationally relevant, and provides a foundation for pursuing a career progress within the bioveterinary industry. Academic knowledge and understanding reinforces and supports the development of vocational skills equipping the student with the ability and knowledge relevant to their employment and to the needs of employers.

The programme has been designed to build on the competencies of a wide spectrum of students who should be capable of taking up appropriate positions of responsibility within the varied range of enterprises to be found in the veterinary/animal based industries. There has been substantial dialogue with the veterinary industry and the Royal College of Veterinary Surgeons (RCVS), thus identifying current needs in Veterinary Practices and associated professions.

Core modules in first year provide the student with a basic understanding of the physiology of animals in relation to anatomy and nutrition as well as developing investigative skills for research. This knowledge is extended in the subsequent modules at year 2 with the option modules enabling the student to specialise in areas of particular interest to them. Bioveterinary Science students are taught by qualified veterinary staff who have had experience in the veterinary/laboratory industry. Students have the opportunity to study not only small companion animals but also exotic, equine and large animals. Final year students undertake independent study that allows in-depth study in an area of the learner's choice. The student will obtain an awareness of current issues within the animal/veterinary industries, and are able to evaluate that information. Through module choices the learner has the opportunity to specialise in their chosen route.

The Associate Faculty prioritises student support. Key to that support is the tutorial system that complements the Graduate Development Programme operated throughout the University. Each student has a year tutor who guides the student throughout their study and will be key for the students when choosing modules. Students are strongly encouraged to utilise, and engage in, face-to-face tutorials with either their allocated personal tutor or their subject specific module tutors in order to support their academic development. Student Advisors are also available for more general academic support needs alongside the College Welfare Officer and the onsite counselling service provided by the institution. In addition to the documentation from the University of the West of England, students receive a student planner from the Associate Faculty at the start of the academic year which introduces key aspects of studying at Hartpury. Students receive a programme handbook and for each module studied, a module guide. Assessment offences information and study/ examination guidance is also provided to all students. Much of this information is disseminated and explained in an induction week designed to be programme specific and establish a cohort identity to last the duration of the programme.

Learners are supported throughout the programme via the VLE, UWE's online web-based support. Access is available remotely and so the VLE provides students with access to academic materials relevant to their chosen modules and programme. Students are kept up-to-date with information via the announcements on the VLE and via the SMS text message service with which the Associate Faculty has engaged with.

The library service is highly supportive of the academic disciplines within the animal field and provides an extensive range of paper (textbooks and periodicals) and electronic (e-book, periodicals and database) resources relevant to the subject area. The library service and the programme teams are in constant contact to ensure that up-to-date, relevant material which supports the students' academic journey is provided.

Through complementary studies students are able to acquire professional qualifications such as first aid, health and safety, risk assessment, wildlife rehabilitation and animal handling, alongside industry specific certificates such as Safe Use of Veterinary Medicines. As well as being able to join the UWE Students Union and associated societies, it will also be possible to join the Land and Animal Biology Society (LABS) which is administered by Hartpury students, in order to offer animal and land-based activities to complement formal programme studies.

This programme offers the opportunity for students to undertake an approved Exchange Programme, for an agreed period (one/two semesters), of overseas study at a higher education institution studying modules appropriate to their programme aims and which have been pre-approved by the Programme Manager. The Exchange Programme is dependent on an approved agreement between Hartpury College and an approved International Institution for BSc (Hons) Bioveterinary Science.

Part 5: Assessment

Approved to University Regulations and Procedures

Assessment Strategy

Assessment strategy to enable the learning outcomes to be achieved and demonstrated:

Module assessments are designed to apply the knowledge and experience gained from a wide range of learning opportunities to a real world context using a range of skills. Particular emphasis is placed on laboratory skills which may be used to underpin diagnosis and form the basis of research and as such practical exams and reports are an important feature of this programme's assessment strategy.

In line with the College's commitment to facilitating equal opportunities, a student may apply for alternative means of assessment if appropriate. Each application will be considered on an individual basis taking into account learning and assessment needs. For further information regarding this please refer to the VLE.

Assessment Map

The programme encompasses a range of **assessment methods** including; written examinations, written tests, practical examinations, written assignments, reports/projects, portfolios. These are detailed in the following assessment map:

Assessment Map for BSc (Hons) Bioveterinary Science

		Type of Assessment*									
		Unseen Written Exam	Open Book Written Exam	In-class Written Test	Practical Exam	Practical Skills Assessment	Oral assessment and/or presentation	Written Assignment	Report / Project	Dissertation	Portfolio
Compulsory Modules Level 1	Anatomy & Physiology	A (50)			A(25)				B (25)		
	Biochemistry			A(50)							B (50)
	Animal Health & Disease	A (70)							B (30)		
	Animal Genetics						A (50)	B (50)			
	Introduction to Animal Behaviour	A (40)						B (60)			
	Introduction to Animal Welfare	A (50)						B (50)			
	Animal Nutrition	A (50)							B (50)		
Compulsory Modules Level 2	Applied Animal Health and Disease	A (60)						B (40)			
	Pathology	A (75)			A (25)						
	Undergraduate Research Process	A (40)						B (60)			
Optional Modules Level 2	Management of Domestic Animals					A (30)		B (70)			
	Animal Reproductive Physiology	A (50)						B (50)			
	Animal Therapy 1						A (100)				
	Animal Microbiology	A (30)		A (20)			B (50)				
	Independent Report		A (25)						B (75)		
	International Academic Study Portfolio										A (100)
	International Academic Study Project						A (25)				B (75)
	International Academic Study Extended Project						A (25)				B (75)
Compulsory Modules Level 3	Undergraduate Dissertation										
	Pharmacology and Immunology										
Optional Modules Level 3	Infectious Animal Disease and Control										
	Epidemiology										
	Undergraduate Independent Study										
	Advanced Animal Microbiology										
	Animal Therapy 2										
	Developments in Animal Science										

*Assessment should be shown in terms of either Written Exams, Practical exams, or Coursework as indicated by the colour coding above.

NOTE:
Third year modules will be presented at a CAP during the academic cycle 14/15.

Part 6: Programme Structure

This structure diagram demonstrates the student journey from Entry through to Graduation for a typical **full time student**, including:

1 level and credit requirements
2 interim award requirements
3 module diet, including compulsory and optional modules

ENTRY		Compulsory Modules	Optional Modules	Interim Awards
↓	Year 1	Anatomy and Physiology (UINXNW-30-1) Animal Genetics (UINXNV-15-1) Animal Health and Disease (UINXKK-15-1) Animal Nutrition (UINXK5-15-1) Biochemistry (UINXNY-15-1) Introduction to Animal Behaviour (UINXK7-15-1) Introduction to Animal Welfare (UINXK9-15-1)		<u>Cert Animal Science</u> Requirements: 60 credits at level 0 or above of which not less than 45 are at level 1 or above. <u>CertHE Bioveterinary Science</u> Requirements: 120 credits at level 0 or above of which not less than 90 are at level 1 or above. <u>DipHE Bioveterinary Science</u> Requirements: 240 credits at level 0 or above of which not less than 210 are at level 1 or above and not less than 90 at level 2 or above. <u>BSc Bioveterinary Science</u> Credit Requirements: 300 credits at level 0 or above of which not less than 270 are at level 1 or above, not less than 150 at level 2 or above and not less than 60 at level 3 or above. TARGET AWARD <u>BSc (Hons) Bioveterinary Science</u> Credit Requirements: 360 credits at level 0 or above of which not less than 330 are at level 1 or above, not less than 180 are at level 2 or above and not less than 90 at level 3 or above.
	Year 2	Applied Animal Health and Disease (UINXSN-30-2) Undergraduate Research Process (UINXU5-15-2) Pathology (UINXT9-15-2)	Students are normally required to select 60 credits from the optional modules listed below: Animal Microbiology (UINXRK-15-2) Animal Reproductive Physiology (UINXRM-15-2) Animal Therapy 1 (UINXU4-15-2) Independent Report (UINXRX-15-2) Management of Domestic Animals (UINXT8-30-2) International Academic Study Portfolio (UINXRP-15-2) International Academic Study Project (UINXRQ-30-2) International Academic Study Extended Project (UINXRR-45-2)	
	Year 3	Pharmacology and Immunology Undergraduate Dissertation	Students are normally required to select 60 credits from the optional modules listed below: Advanced Animal Microbiology Animal Therapy 2 Developments in Animal Science Epidemiology Infectious Animal Disease and Control Undergraduate Independent Study	
GRADUATION				

Part time:

The following structure diagram demonstrates the student journey from Entry through to Graduation for a typical **part time student.**

ENTRY		Compulsory Modules	Optional Modules	Interim Awards
	Year 1.1	Anatomy and Physiology (UINXNW-30-1) Biochemistry (UINXNY-15-1) Animal Genetics (UINXNV-15-1) Introduction to Animal Behaviour (UINXK7-15-1)		Cert Animal Science Requirements: 60 credits at level 0 or above of which not less than 45 are at level 1 or above. CertHE Bioveterinary Science Requirements: 120 credits at level 0 or above of which not less than 90 are at level 1 or above. DipHE Bioveterinary Science Requirements: 240 credits at level 0 or above of which not less than 210 are at level 1 or above and not less than 90 at level 2 or above. BSc Bioveterinary Science Requirements: 300 credits at level 0 or above of which not less than 270 are at level 1 or above, not less than 150 at level 2 or above and not less than 60 at level 3 or above. TARGET AWARD BSc (Hons) Bioveterinary Science Credit Requirements: 360 credits at level 0 or above of which not less than 330 are at level 1 or above, not less than 180 are at level 2 or above and not less than 90 at level 3 or above.
	Year 1.2	Animal Nutrition (UINXK5-15-1) Introduction to Animal Welfare (UINXK9-15-1) Animal Health and Disease (UINXKK-15-1)		
	Year 2.1	Undergraduate Research Process (UINXU5-15-2)	Management of Domestic Animals (UINXT8-30-2) Animal Therapy 1 (UINXU4-15-2) Animal Reproductive Physiology (UINXRM-15-2)	
	Year 2.2	Applied Animal Health and Disease (UINXSN-30-2) Pathology (UINXT9-15-2)	Animal Microbiology (UINXRK-15-2) Independent Report (UINXRX-15-2)	
	Year 3.1	Pharmacology and Immunology	Epidemiology Advanced Animal Nutrition Animal Therapy 2	
	Year 3.2	Undergraduate Dissertation	Developments in Animal Science Advanced Animal Microbiology Infectious Animal Disease and Control	
GRADUATION				

Part 7: Entry Requirements

The University's Standard Entry Requirements apply with the following additions/exceptions*:

Applicants will have achieved tariff points as appropriate for the year of entry, which for the academic year 2013/14 was 280 tariff points.

Applicants must provide evidence which demonstrates to the University's satisfaction that they can benefit from study at honours degree level and are likely to achieve the required standard. Applicants will have achieved five subjects including English, Mathematics and Science at GCSE level Grades A-C, or equivalent and current UCAS Tariff Points (including a biological science) or equivalent.

We also welcome applicants from a diverse range of backgrounds who do not have the entry requirements outlined above. The University will consider applicants on the basis of evidence of personal, professional and educational experience which indicates an applicant's ability to meet the demands of an undergraduate degree programme. Applicants with non-standard entry criteria will be reviewed on an individual basis. This will take the form of an individual interview with members of the programme team and possibly the completion of a set task such as a written assignment. Where appropriate experience or learning has been gained prior to enrolment on the programme AL/AEL may be possible.

Applicants whose first language is not English must also gain a minimum IELTS score of 6.0 prior to entry onto the programme.

Part 8: Reference Points and Benchmarks

Description of ***how*** the following reference points and benchmarks have been used in the design of the programme:

QAA UK Quality Code for HE
National qualification framework
Subject benchmark statements
University strategies and policies
Staff research projects
Any relevant PSRB requirements
Any occupational standards

QAA UK Quality Code for HE
Has been used to define the minimum level of achievement that students need to achieve to succeed on this programme and achieve the qualification. It has also been used to inform the academic quality of the programme and enhance the quality of the learning opportunities and the assessment methods used to measure achievement on the programme.

Relevant subject benchmark statements (Agriculture, horticulture, forestry, food and consumer sciences (2009); Biosciences (2007); Veterinary science (2002))
Have informed the characteristics of the subject matter and curriculum development of the programme, the programme learning outcomes and the attributes that a graduate of this programme should be able to demonstrate.

University Strategies and Policies
The Academic Regulations and Procedures 2012-13 has been used to ensure that the quality of learning, teaching and assessment on this programme adheres to the university's frame work of academic regulations, procedures and working practices that enable the assurance of academic standards. The university's Policy on Word Count has also been used to inform the assessment strategy stated in Part 5 of this document and is detailed on the module descriptors.

Staff research projects
The proposed modules for the Bioveterinary Science programme are based on well established teaching areas within the Associate Faculty. These modules will be taught by staff who are either research or consultancy active, or actively engaged in scholarly activity, and who bring their current experience to bear on their teaching.

Employer interaction/feedback
Field of Animal and Land Sciences Vocational Panel meetings involve discussions about the purpose of the programme, its distinctiveness as a programme and the skills and knowledge needed to ensure the programme is current and relevant to employers.

What methods have been used in the development of this programme to evaluate and improve the quality and standards of learning? This could include consideration of stakeholder feedback from, for example current students, graduates and employers.

The Animal and Land Sciences Vocational Panel meetings include a range of interested stakeholders such as employers, former graduates and academic staff from programmes likely to feed into this programme. Current students provide feedback at specific programme meetings and through more generic means such as module and programme surveys.

This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content and teaching, learning and assessment methods of individual modules can be found in module specifications, available on the University's website.