UWE 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) Animal Behaviour & Welfare		
Default Award Title	None		
Fall-back Award Title	None		
Interim Award Titles	BSc Animal Behaviour & Welfare DipHE Animal Behaviour & Welfare CertHE Animal Behaviour & Welfare		
UWE Progression Route	None		
Mode(s) of Delivery	Full time/Part time		
Codes	**UCAS:** BUWE B80 D329A		**JACS:** D300
	ISIS2: D329		**HESA:**
Relevant QAA Subject Benchmark Statements	Agriculture, forestry, agricultural sciences, food sciences and consumer sciences		
CAP Approval Date	29 May 2014		
Valid From	01 September 2013 (2013 entry)		
Valid Until	01 September 2019		
Version	5.2		

Part 2: Educational Aims of the Programme

The degree programme in Animal Behaviour and Welfare aims to equip students with knowledge, practical skills and intellectual skills to challenge orthodox thinking about animal behaviour and welfare, develop new ideas and evaluate current processes and practices in animal behaviour and animal welfare sciences. Students should also develop a range of key skills to enable them to quantify the behaviour expressed by animals and to assess the welfare of animals. The educational aims of the programme are to enable students to:

1 Access a coherent and relevant programme of study that enhances their ability to work within animal behaviour and animal welfare related industries.
2 Apply practical skills of animal behaviour measurement and animal welfare assessment.
3 Evaluate and discuss concepts, recognise and utilise theories and critically analyse information.
4 Apply knowledge and critical understanding of the well-established principles of animal behaviour and animal welfare sciences.
5 Meet the needs of the industry sector providing the foundation for a range of careers
6 Transfer skills to different working environments.
7 Make full use of vocational opportunities and experiences within a vocational setting and the workplace.
8 Effectively communicate information, arguments and analysis in a variety of forms and deploy key techniques of the discipline effectively in their field of study and in a work context.
9 Access opportunities and awards, which previously they might not have been able to, including postgraduate study.

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

The qualification is defined by the range of topic streams running through the programme which enables the student to tailor their qualification according to their own areas of interest and career aspirations. Irrespective of subjects chosen, the programme will promote skills in critical enquiry and evaluation of current processes and practices in animal behaviour and animal welfare science. This will enable them to not only acquire the most up to date knowledge relating to their chosen subject areas, but to also 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:

	Animal Behaviour	Systems Biology	Animal Genetics	Wildlife Ecology	Introduction to Animal Welfare	Animal Health & Disease	Animal Welfare Assessment	Undergraduate Research Process	Management of Domestic Animals	Behavioural & Evolutionary Ecology	Behavioural Measurement	Ethics & Welfare	Companion Animal Behaviour & Training	Field Course	Independent Report	International Academic Study Portfolio	International Academic Study Project	International Academic Study Extended Project	Undergraduate Dissertation	Animal Trade & Welfare	Pet Behaviour Counselling	Wildlife & Zoo Management	Undergraduate Independent Study	Developments in Animal Science	Animal Psychology	Anthrozoology	Human Behavioural Ecology
A) Knowledge and understanding of:																											
1 An understanding and a critical awareness of the problems and/or new insights into animal behaviour and animal welfare sciences.	✓				✓		✓			✓	✓	✓				✓	✓	✓	✓	P	P			P	P	P	P
2 The skills and ability to collect and manage biological data, including behavioural data and parameters of animal welfare assessment.	✓				✓		✓	✓		✓	✓			✓		✓	✓	✓	P				P				

Learning Outcomes:

	Animal Behaviour	Systems Biology	Animal Genetics	Wildlife Ecology	Introduction to Animal Welfare	Animal Health & Disease	Animal Welfare Assessment	Undergraduate Research Process	Management of Domestic Animals	Behavioural & Evolutionary Ecology	Behavioural Measurement	Ethics & Welfare	Companion Animal Behaviour & Training	Field Course	Independent Report	International Academic Study Portfolio	International Academic Study Project	International Academic Study Extended Project	Undergraduate Dissertation	Animal Trade & Welfare	Pet Behaviour Counselling	Wildlife & Zoo Management	Undergraduate Independent Study	Developments in Animal Science	Animal Psychology	Anthrozoology	Human Behavioural Ecology
3 An understanding of the ethical issues in relation to captive animal management and welfare.					✓				✓			✓	✓			✓	✓	✓		P		P					
4 An understanding of government policy and legislation relating to animal welfare.					✓				✓			✓	✓			✓	✓	✓		P		P					
5 The ability to apply the knowledge gained during the programme, together with an understanding of how established techniques of enquiry are used to create and interpret knowledge in applied science.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	P	P	P	P	P	P	P	P

(B) Intellectual Skills

	Animal Behaviour	Systems Biology	Animal Genetics	Wildlife Ecology	Introduction to Animal Welfare	Animal Health & Disease	Animal Welfare Assessment	Undergraduate Research Process	Management of Domestic Animals	Behavioural & Evolutionary Ecology	Behavioural Measurement	Ethics & Welfare	Companion Animal Behaviour & Training	Field Course	Independent Report	International Academic Study Portfolio	International Academic Study Project	International Academic Study Extended Project	Undergraduate Dissertation	Animal Trade & Welfare	Pet Behaviour Counselling	Wildlife & Zoo Management	Undergraduate Independent Study	Developments in Animal Science	Animal Psychology	Anthrozoology	Human Behavioural Ecology
1 Use problem-solving skills and decision-making strategies to support investigations in the context of animal welfare assessment.					✓	✓	✓									✓	✓	✓	P	P	P						
2 Identify, analyse and discuss key themes/problems in written and oral communication.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	P	P	P	P	P	P	P	P
3 Analyse data using statistical analysis, interpret the statistical analysis obtained and use statistics effectively in the presentation of an argument.	✓							✓		✓	✓					✓	✓	✓	P								
4 Use skills of reflective thinking to support effective methods of animal behaviour and welfare measurement.	✓						✓			✓	✓					✓	✓	✓		P		P					
5 Demonstrate the ability to apply informed decision-making in the management of captive animals.					✓	✓	✓		✓				✓			✓	✓	✓		P	P	P					
6 Demonstrate the ability to undertake sustained study applying deeper cognitive learning to an aspect of animal behaviour and/or animal welfare.	✓				✓		✓			✓	✓	✓	✓			✓	✓	✓	P				P	P	P	P	P
7 Critically evaluate an aspect of animal behaviour or animal welfare science based on systematic rigorous research processes which highlights both implications and recommendations for developing current and future animal management practices.	✓				✓	✓	✓		✓		✓	✓				✓	✓	✓	P	P	P	P	P	P	P	P	P

(C) Subject/Professional/Practical Skills

	Animal Behaviour	Systems Biology	Animal Genetics	Wildlife Ecology	Introduction to Animal Welfare	Animal Health & Disease	Animal Welfare Assessment	Undergraduate Research Process	Management of Domestic Animals	Behavioural & Evolutionary Ecology	Behavioural Measurement	Ethics & Welfare	Companion Animal Behaviour & Training	Field Course	Independent Report	International Academic Study Portfolio	International Academic Study Project	International Academic Study Extended Project	Undergraduate Dissertation	Animal Trade & Welfare	Pet Behaviour Counselling	Wildlife & Zoo Management	Undergraduate Independent Study	Developments in Animal Science	Animal Psychology	Anthrozoology	Human Behavioural Ecology
1 Undertake skilled and competent animal behaviour measurement and animal welfare assessment skills	✓						✓		✓	✓	✓			✓		✓	✓	✓	P	P							
2 Organise, analyse and interpret numerical data and conceptual written information towards a given purpose	✓						✓	✓		✓	✓					✓	✓	✓	P			P	P	P	P	P	P
3 Communicate effectively with individuals, establishing professional relationships within the animal management community				✓		✓		✓					✓			✓	✓	✓		P	P						

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4	Maintain the standards and practices required of the UK Animal industry					✓	✓			✓				✓			✓	✓	✓		P		P					
5	Recognise moral/ethical dilemmas and issues.	✓				✓		✓				✓					✓	✓	✓		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	P
(D) Transferable skills and other attributes																												
1	Communicate effectively with a wide range of individuals and groups using a variety of means.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	P	P	P	P	P	P	P	P
2	Reflect on their own academic, vocational and professional performance.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	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	P
4	Manage change effectively and respond to changing demands.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	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	P
6	Manage time, prioritise workloads and recognise and manage personal emotions and stress.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	P	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	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	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) Animal Behaviour and Welfare there is a mixture of teaching approaches, including:

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

Independent learning
May include hours engaged with essential reading, case study preparation, assignment preparation and completion etc. These sessions constitute an average time per level. Scheduled sessions may vary slightly depending on the module choices made.

Placement learning
This programme includes an optional sandwich year and the option of an overseas field course.

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 the 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 an intellectually challenging, vocationally relevant foundation for pursuing a career in animal behaviour and welfare or progressing to post-graduate study. The award 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 operating within the animal based industries. There has been substantial employer input in the design of the honours degree in Animal Behaviour and Welfare through vocational panels representing employers from the local area, thus identifying employers' needs. In the programme academic knowledge and understanding will reinforce and support the development of abilities to equip the student with the skills and knowledge relevant to their employment and to the needs of employers.

The core modules, such as Animal Behaviour and Animal Welfare Assessment provide an understanding of the biological basis behind aspects of animal science as well as developing the necessary investigative skills for research. This knowledge is developed and expanded throughout the subsequent modules such as Ethics and Welfare and Dissertation. Optional modules enable students to specialise in the type of animals they select to study, such as exotics or companion animals, or in the focus of the study, with opportunities to study topics such as behavioural ecology, animal psychology, management of domestic animals or the management of pet behavioural problems.

Work in the laboratory and field provides students with experience in the application of the theories learned in lectures. The programme utilises the extensive land and animal facilities present on site including the farm (which includes a diary unit, a flock of Romney X Cheviots sheep and a red deer herd) and the animal care department (which has an extensive range of small and large mammals and vivarium species including reptiles, amphibians and invertebrates). Guest lecturers and visits to external organisations (including Bristol Zoo, Sequani, Guide Dogs etc.) allow students to appreciate how these theories are applied in commercial organisations and real-life situations.

There are also two optional residential field trips available as part of the programme. A field course module to South Africa runs in the second year of the programme. This provides students with an opportunity to explore African ecology and ethology. In the third year of the course there is a residential visit to Marwell Wildlife Park that is part of the Wildlife and Zoo Management module. This trip enables students to identify and evaluate the environmental and behavioural needs of a range of non-domestic animal species and provides the opportunity to investigate the necessary criteria for the reintroduction of animals into the wild.

Student study week which runs once every semester allows students to engage in a full programme of relevant short courses (such as animal first aid, animal handling, animal management, domestic animal microchipping, and lambing etc.) which often leads to either additional qualifications or the ability to gain relevant practical work experience.

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) Animal Behaviour and Welfare.

Part 5: Assessment

Approved to University Regulations and Procedures

Assessment Strategy

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

Individuals learn through different methods, hence a range of teaching and assessment techniques are used throughout the programme. Theoretical lectures, practicals (computer based, laboratory, farm and estate), seminars and debates, industry based visits and guest speakers from within the industry enhance the students' academic knowledge, whilst giving the student the opportunity to practice and develop applied skills needed for industry. Module assessments are designed to apply the knowledge and experience gained from these learning opportunities to a real world context using a range of skills.

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, essays, individual and group oral presentations, poster presentations, practical exams, laboratory reports and research dissertations.

These are detailed in the following assessment map:

Assessment Map for BSc (Hons) Animal Behaviour and Welfare

		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	Animal Behaviour	A (26.64)		A (13.34)				B (30)	B (30)		
	Introduction to Animal Welfare	A (50)						B (50)			
Optional Modules Level 1	Systems Biology				A (50)				B (50)		
	Animal Genetics						A (50)	B (50)			
	Wildlife Ecology	A (50)					B (50)				
	Animal Health & Disease	A (70)							B (30)		
Compulsory Modules Level 2	Animal Welfare Assessment	A (40)							B (60)		
	Ethics & Welfare	A (50)					B (50)				
	Undergraduate Research Process	A (40)						B (60)			
Optional Modules Level 2	Companion Animal Behaviour & Training	A (40)						B (60)			
	Management of Domestic Animals					A (30)		B (70)			
	Behavioural & Evolutionary Ecology	A (30)						B (35)	B (35)		
	Behavioural Measurement	A (50)					B (50)				
	Field Course						A (25)		B (75)		
	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)

*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	Animal Behaviour (UINXNS-30-1) Introduction to Animal Welfare (UINXK9-15-1)	Students are normally required to select all of the optional modules listed below: Systems Biology (UINXK4-15-1) Animal Genetics (UINXNV-15-1) Wildlife Ecology (UINXNQ-30-1) Animal Health & Disease (UINXKK-15-1)	<u>CertHE Animal Behaviour & Welfare</u> Requirements: 120 credits at level 0 or above of which not less than 90 are at level 1 or above <u>DipHE Animal Behaviour & Welfare</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
		Year 2	Animal Welfare Assessment (UINXSM-15-2) Undergraduate Research Process (UINXU5-15-2) Ethics and Welfare (UINXSW-15-2)	Students are normally required to select 75 credits from the optional modules listed below: Management of Domestic Animals (UINXT8-30-2) Behavioural and Evolutionary Ecology (UINXSR-30-2) Behavioural Measurement (UINXSS-15-2) Companion Animal Behaviour and Training (UINXST-15-2) Field Course (UINXSY-15-2) Independent Report (UINXRX-15-2) International Academic Study Portfolio (UINXRP-15-2) International Academic Study Project (UINXRQ-30-2) International Academic Study Extended Project (UINXRR-45-2)	<u>BSc Animal Behaviour & Welfare</u> 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) Animal Behaviour & Welfare</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 3	Undergraduate Dissertation Animal Trade and Welfare Developments in Animal Science	Students are normally required to select 45 credits from the optional modules listed below: Pet Behaviour Counselling Wildlife and Zoo Management Undergraduate Independent Study Animal Psychology Anthrozoology Human Behavioural Ecology	

GRADUATION

Part time:

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

It is possible to graduate on a part time route. As an example the structure diagram would vary according to individual module choices.

ENTRY		Compulsory Modules	Optional Modules	Interim Awards
	Year 1.1	Animal Behaviour (UINXNS-30-1)	Systems Biology (UINXK4-15-1) Animal Health and Disease (UINXKK-15-1)	<u>CertHE Animal Behaviour & Welfare</u> Requirements: 120 credits at level 0 or above of which not less than 90 are at level 1 or above
	Year 1.2	Introduction to Animal Welfare (UINXK9-15-1)	Animal Genetics (UINXNV-15-1) Wildlife Ecology (UINXNQ-30-1)	<u>DipHE Animal Behaviour & Welfare</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
	Year 2.1	Animal Welfare Assessment (UINXSM-15-2) Undergraduate Research Process (UINXU5-15-2)	Behavioural and Evolutionary Ecology (UINXSR-30-2)	
	Year 2.2	Ethics and Welfare (UINXSW-15-2)	Behavioural Measurement (UINXSS-15-2) Management of Domestic Animals (UINXT8-30-2)	<u>BSc Animal Behaviour & Welfare</u> 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
	Year 3.1	Developments in Animal Science	Animal Psychology	TARGET AWARD <u>BSc (Hons) Animal Behaviour & Welfare</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 3.2	Animal Trade and Welfare Undergraduate Dissertation	Human Behavioural Ecology Wildlife and Zoo Management	
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 240 tariff points.

Applicants will have achieved five subjects including English, Mathematics and Science at GCSE level grade A-C, or equivalent and current UCAS Tariff Points (including a biological science) or equivalent.

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

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.

Part 8: Reference Points and Benchmarks

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

All of the reference points and benchmarks below have been consulted or considered during the design of the programme aims, learning objectives and assessment strategies to ensure parity across the sector and the quality of the student's learning experience.

1   QAA UK Quality Code for HE
2   University strategies and policies
3   Staff research projects
4   Employer interaction and feedback

QAA UK Quality Code for HE:
This has been used to define the minimum level of achievement that students need to attain to succeed on this programme and achieve the qualification. This 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 within the programme.

Relevant subject benchmark statements (Agriculture, horticulture, forestry, food and consumer sciences (2009)) 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 detailed in this document (part 5) and this is stated on the module descriptors.

Staff research projects:
The proposed modules for the Animal Behaviour and Welfare programme are based on well-established teaching areas within the Associate Faculty. These modules will be taught by staff who are either research 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 provide a forum for discussion about the purpose of the programme, features that make the programme distinctive and the skills and knowledge that the programme needs to provide to ensure that it is current and relevant to the needs of the industry.

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 also provide feedback on the programme at specific staff-student liaison forum 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.