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Programme Specification

2009/2010 Intake

Section 1. Basic Data:

Awarding institution/body	University of the West of England
Teaching institution	Hartpury College
Faculty responsible for programme	Hartpury
Programme accredited by	
Highest award title	BSc (Hons) Animal Behaviour & Welfare
Default award title	
Interim award title	BSc Animal Behaviour & Welfare DipHE Animal Behaviour & Welfare CertHE Animal Behaviour & Welfare
Modular Scheme title	Undergraduate Modular Scheme, Hartpury College
UCAS code	BUWE B80 D329A
Relevant QAA subject benchmarking group(s)	Agriculture, forestry, agricultural sciences, food sciences and consumer sciences
On-going	
Valid from (insert date if appropriate)	**September 2011**

Authorised by: Rosie Scott   Date: June 2011

Version Code

4.3

Section 2. Educational aims of the programme:

Remove current text and replace with –

The degree programme in Animal Behaviour & Welfare aims to equip students with knowledge, practical skills and intellectual skills to challenge orthodox thinking about animal behaviour & welfare, develop new ideas and to evaluate current processes and practices in animal behaviour and animal welfare sciences. They 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 is to enable student 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 citically 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

Section 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:

A. Knowledge and understanding of:	**Teaching/learning methods and strategies:**
On successful completion of the programme, the student will have: 1. An understanding and a critical awareness of the problems and/or new insights into animal behaviour and animal welfare sciences. 2. The skills and ability to collect and manage biological data, including behavioural data and parameters of animal welfare assessment. 3. An understanding of the ethical issues in relation to captive animal management and welfare. 4. An understanding of government policy and legislation relating to animal welfare. 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.	Essential principles and a range of concepts are introduced in the first year and the depth and the breadth of the subject is progressively explored over the next year through lectures, seminars, laboratory-based practicals, visits, demonstrations, self-evaluation and interactive learning through the world wide web (1 & 2). Underpinning principles and processes are examined theoretically and practical skills developed within the laboratory during the two years with continuous assessment of these skills throughout (3 & 4). Learners are exposed to a range of modules throughout the programme, which will introduce and develop knowledge and understanding of underpinning sciences, communication skills and diagnostic concepts, through laboratory practicals, seminars, lectures and interactive learning through the world wide web (4 & 5). Throughout the programme, learners are encouraged to undertake independent reading both to supplement and consolidate what is being taught/learned and to broaden their individual knowledge and understanding of the subject (5). **Assessment:** The assessment of knowledge and understanding (1-5) will be undertaken by a variety of means depending on the module. These could include written assignments, unseen examinations, oral and poster presentations, role play and practical assessment.

B. Intellectual Skills:	Teaching/learning methods and strategies:
On successful completion of the programme the student will be able to: 1. Use problem-solving skills and decision-making strategies to support investigations in the context of animal welfare assessment. 2. Identify, analyse and discuss key themes/problems in written and oral communication. 3. Analyse data using statistical analysis, interpret the statistical analysis obtained and use statistics effectively in the presentation of an argument. 4. Use skills of reflective thinking to support effective methods of animal behaviour and welfare measurement. 5. Demonstrate the ability to apply informed decision-making in the management of captive animals. 6. Demonstrate the ability to undertake sustained study applying deeper cognitive learning to an aspect of animal behaviour and/or animal welfare. 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.	Intellectual skills (1-7) are developed though the use of enquiry-based and problem-based learning. For example, case studies will be used to enable students to develop an understanding of real-life situations and problem-solving. Reflective skills (4) are developed through the use of lecture, seminars and personal support. Skills of critical thinking (2, 3, 4 & 5) are developed through the use of debate, discussion and exploration both within group seminar work and in contact with employers in the relevant industry through visits and guest lectures. Study skills tutorial support is available through the Graduate Development Programme. Assignment feedback gives direction and offers insights to students to establish their competency levels. The formulation of a Personal Development Plan (PDP) is encouraged through personal tutor support and group tutorial support. This encourages the student to be self-reflective (4). Principles of problem-solving (1 & 2) are explored and integrated throughout the modules. Problem-solving activities are used within scenario-based teaching and learning activities as the students progress through the programme. Skills of judgement are created through exploration of current decisions made within the context of animal behaviour measurement and animal welfare assessment. A variety of learning methods are employed that are designed to move the student towards taking responsibility for their own learning and to promote the ethos of lifelong learning through key lectures, student-led seminars, small group work, skills-based practice sessions, student-directed study including web-based study and learning through professionally-based staff and employers in the industry (7). **Assessment** The assessment of intellectual skills (1-7) is undertaken by a variety of means depending on the module. These include written assignments, unseen or part-seen written examinations, seminar, oral and poster presentations. The dissertation (7) offers the student the opportunity to undertake a significant piece of independent study and so develop the critical skills of enquiry and analysis.

C. Subject/Professional/Practical Skills:	Teaching/learning methods and strategies:
On successful completion of the programme the student will be able to: 1. Undertake skilled and competent animal behaviour measurement and animal welfare assessment skills 2. Organise, analyse and interpret numerical data and conceptual written information towards a given purpose 3. Communicate effectively with individuals, establishing professional relationships within the animal management community 4. Maintain the standards and practices required of the UK Animal industry 5. Recognise moral/ethical dilemmas and issues. 6. Demonstrate a commitment to continuing professional development and lifelong learning through the development of skills in relation to self-directed and independent study.	Skills (1 & 2) are developed through formal teaching, seminars, workshops and integrated practical sessions; Visits and guest speakers from the industry to help the students appreciate the standards required (3 & 4) Seminars and learner-led discussions enable the student to appreciate ethical and welfare issues (5 & 6). **Assessment** Due to the applied nature of the programme a significant proportion of the modules include practical assessments, or assessment of case study/practical project reports

D. Transferable skills and other attributes:	Teaching/learning methods and strategies:
On successful completion of the programme the student will be able to: 1. Communicate effectively with a wide range of individuals and groups using a variety of means. 2. Reflect on their own academic, vocational and professional performance. 3. Utilise problem-solving skills in a variety of theoretical and practical situations. 4. Manage change effectively and respond to changing demands. 5. Take responsibility for personal and professional learning and development. 6. Manage time, prioritise workloads and recognise and manage personal emotions and stress. 7. Understand career opportunities and challenges ahead and begin to plan a career path. 8. Use information management skills, for example: information technology; library resources; the use of information technology in the workplace.	The acquisition of key and transferable skills (1-8) is facilitated through small group work, lectures and seminars. These discussions are extended with employers in the industry through visits and guest lecturers. Students are encouraged to explore skills development and inter-professional working through scenario- and problem-based learning, as well as independent study that includes web-based learning resources. Students are expected to attend the Graduate Development Programme, which incorporates learning opportunities to develop study skills and identify career opportunities in conjunction with UWE Careers. **Assessment** Key transferable skills are assessed in undertaking formative class work and other module assessments and in the Graduate Development Programme.

Section 4. Programme structure				
ENTRY ↓		**Compulsory modules**	**Option modules**	**Interim awards**
	Level 1	UIN XGB-20-1: Anatomy & Physiology UIN XGC-20-1: Introduction to Veterinary Science UIN XGG-20-1: Animal Behaviour UIN XGV-10-1: Animal Genetics UIN XMR-10-1: Introduction to Animal Welfare UIN XGE-10-1: Evolution and Biodiversity	UIN XGX-10-1: Companion Animal Behaviour UIL XDJ-20-1: Principles of Ecology	CertHE Animal Behaviour & Welfare Requirements: 120 credits at level 0 or above of which not less than 100 are at level 1 or above
	Level 2	UIN XHF-20-2: Ethics & Welfare UIN VLD-10-2: Behavioural Measurement UFM EFE-20-2: Statistics & Research Methods UIN XHM-20-2: Behavioural and Evolutionary Ecology UIN VHT-10-2: Animal Welfare Assessment	UIN VHD-10-2: Laboratory Animal Management UIN XHE-20-2: Applied Veterinary Science UIN XLU-10-2: Companion Animal Behaviour & Training UIE XBJ-10-2: Introduction to Equine Behaviour UIN XLQ-20-2: Behavioural Interactions UIN VLR-10-2: Field Course UIN VHU-10-2: Exotic Animal Management	DipHE Animal Behaviour & Welfare Requirements: 240 credits at level 0 or above of which not less than 220 are at level 1 or above and not less than 100 at level 2 or above
	Level 3	UIN XJA-10-3: Independent Study UIN XJB-20-3: Developments in Animal Science UIN XJH-40-3: Dissertation	UIN XJC-20-3: Management of Animal Collections UIN XJF-10-3: Anthrozoology UIN XJM-10-3: Animal Psychology UIN XJT-10-3: Life at the Limits UIN XKD-10-3: Animal Trade & Welfare UIN XKG-10-3: Pet Behaviour Counselling UIN XCK-10-3: Equine Behaviour & Psychology	BSc Animal Behaviour & Welfare Requirements: 300 credits at level 0 or above of which not less than 280 are at level 1 or above, not less than 160 at level 2 or above and not less than 60 at level 3 or above **Target award** BSc (Hons) Animal Behaviour & Welfare Credit Requirements:

			360 credits at level 0 or above of which not less than 340 are at level 1 or above, not less than 200 are at level 2 or above and not less than100 at level 3 or above

→ **GRADUATION**

Section 5. Entry requirements:

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 and either 180-220 UCAS Tariff Points or 24 International Baccalaureate points (both to include a science subject and/or physical education and/or sports 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.

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

Section 6. Assessment Regulations:

University Assessment Regulations

Section 7. Student learning: distinctive features and support:

The purpose of the programme is to provide a balanced vocational and academic study that is intellectually challenging, vocationally relevant, and provides a foundation for pursuing a career in animal management.

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 & Welfare through vocational panels representing employers from the local area, thus identifying employer's needs and current skills gaps in the skill bases of a typical graduate employee.

In the honours degree 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 honours degree also provides a pathway for life long learning and the opportunity to progress to post-graduate study.

The core modules, such as Introduction to Veterinary Science or Animal Behaviour 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, option modules enable students to specialise in areas of particular interest to them. Students can specialise in the type of animals, such as marine, exotics or companion animals they study, or in the nature of the study, with opportunities in animals in research, reproduction or migration.

Section 8. Reference points/benchmarks:

- Subject benchmarks: QAA Subject Benchmark Statements: Agriculture, Forestry, Agricultural Sciences, Food Sciences and Consumer Sciences;

- The Framework for Higher Educational Qualifications in England, Wales and Northern Ireland (QAA 2001)

- University teaching and learning policies: University of the West of England Learning and Teaching Strategy (2001)

- Employer interaction/feedback: Field of Animal Science Vocational Panel Meetings

- Staff research projects:

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. These are available on the University Intranet.

Programme monitoring and review may lead to changes to approved programmes. There may be a time lag between approval of such changes/modifications and their incorporation into an authorised programme specification. Enquiries about any recent changes to the programme made since this specification was authorised should be made to the relevant Faculty Administrator.