



## Section 2. Educational aims of the programme:

The programme is designed to build on existing academic and intellectual attainment and to develop new higher level knowledge and understanding of animal management. The programme will support the learner from a wide range of social and educational backgrounds, through the provision of a programme of study which meets the needs of the individual, supporting academic progression.

The assessment of this prior learning will be done on an individual basis on application. The assessment will ensure the learning outcomes previously achieved underpin the educational aims of this programme.

The aim of the programme is to enable the students to gain a fundamental understanding and critical awareness of the problems and challenges facing the animal management industry, including issues pertaining to the areas of animal husbandry, welfare and business. Students should also develop a range of key skills to enable them to communicate their ideas effectively in a variety of media.

The programme will prepare the learner with a foundation for lifelong learning and enable them to:

- Access a coherent programme of study in animal management underpinned by current research;
- Build on acquired scientific principles to develop a knowledge and understanding of the animal in health and welfare and use this knowledge to study animals in the context of present day industry and environment;
- Improve on intellectual skills of critical evaluation, analysis and synthesis in order to be able to think constructively and reflectively, and propose sound and reasoned solutions to problems;
- Choose from a range of options, while maintaining a coherent programme of study;
- Be prepared successful employment, in particular for employment in animal management industries;
- Develop transferable skills and be aware of the relevance of those skills to different working environments;
- As future workers, meet the challenges of a changing industry with confidence;
- Undertake an indepth and sustained piece of work with minimal supervision;
- Progress into post graduate study or research;
- Subscribe and contribute to the philosophy and operation of the University of the West of England's Undergraduate Modular Scheme.

## Section 3. Learning outcomes of the programme:

*The programme provides opportunities for students to develop and demonstrate knowledge and understanding, qualities, skills and other attributes in the following areas;*

### A. Knowledge and understanding:

On successful completion of the programme, the student will have:

- 1 An understanding and a critical awareness of the problems and/or new insights in animal management, including issues pertaining to husbandry, welfare and business management.
- 2 A detailed understanding of physiological and welfare principles related to animal management.
- 3 Knowledge of recent advances and research into animal management.
- 4 An appreciation of the application, development, ethical and business considerations of animal management.
- 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 applied science and management.

### Teaching, Learning and Assessment Strategies

*The development of students' knowledge and understanding will be facilitated through lectures, seminars, practical work, visits, demonstrations, self evaluation and interactive learning through the world wide web (1-5).*

*Additional support is provided through the Graduate Development Programme*

*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.*

### 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, examinations, oral presentations, case-studies, practical projects, oral examinations and presentations.*

<p><b>B. Intellectual Skills:</b></p> <p>On successful completion of the programme the student will be able to:</p> <ol style="list-style-type: none"> <li>1 Use skills of reflection, evaluation and critical thinking in problem solving and decision making to support effective animal management.</li> <li>2 Discuss animal management based on knowledge gained in the programme, highlighting implications and making recommendations for developing current and future management practices.</li> <li>3 Demonstrate the ability to undertake sustained study and apply deeper cognitive learning</li> <li>4 Critically evaluate research into animal science and the role it contributes to current and future animal management practices</li> <li>5 Demonstrate a commitment to continuing professional development and lifelong learning through the development of skills in relation to self directed and independent study.</li> </ol>	<p><b>Teaching/learning methods and strategies:</b></p> <p><i>Intellectual skills (1-5) are developed through the use of enquiry based and problem based learning. For example, practical work and case studies will be used to enable students to develop an understanding of real life situations and problem solving.</i></p> <p><i>Reflective skills (1-4) are developed through the use of lectures, seminars and personal tutorial support. Skills of critical thinking (1-4) are developed through the use of debate, discussion and exploration both within group seminar and practical work, and in contact with employers through visits and guest lectures. Assignment feedback gives direction and offers insights to students to establish their competency levels.</i></p> <p><i>Development of deeper cognitive learning (3) is demanded in all modules at levels III, further supported by the requirement to undertake an independent research project at level III (Dissertation) allowing students to explore, analyse and critically evaluate a current issue in animal management (4).</i></p> <p><i>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, 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 (5).</i></p> <p><b>Assessment</b>  <i>The assessment of intellectual skills (1-5) is undertaken by a variety of means depending on the module. These include written assignments, examinations, oral presentations, case study reports.</i></p>
<p><b>C. Subject/Professional/Practical Skills</b></p> <p>On successful completion of the programme the student will be able to:</p> <ol style="list-style-type: none"> <li>1 Undertake skilled and competent evaluative and practical animal science skills.</li> <li>2 Communicate effectively with individuals, establishing professional and ethical relationships.</li> <li>3 Maintain the standards and practices required within the animal industry</li> <li>4 Prepare, process, interpret and present data using appropriate qualitative and quantitative techniques.</li> <li>5 Recognise moral/ethical dilemmas and issues and respond appropriately.</li> </ol>	<p><b>Teaching/learning methods and strategies:</b></p> <p><i>Skills (1-4) are developed through formal teaching, seminars, field work, demonstrations and integrated practical sessions;</i></p> <p><i>Visits and guest speakers from the industry help the students appreciate the standards required in this field.</i></p> <p><i>Seminars and learner led discussions enable the student to appreciate ethical issues (5).</i></p> <p><b>Assessment</b>  <i>Professional and practical skills are assessed through appropriate forms of assessed coursework and written examination, e.g. case studies, oral examinations and presentations.</i></p>

<p><b>D. Transferable skills and other attributes:</b></p> <p>On successful completion of the programme the student will be able to:</p> <ol style="list-style-type: none"> <li>1 Communicate effectively with a wide range of individuals using a variety of means.</li> <li>2 Reflect on, analyse and evaluate their own academic, vocational and professional performance.</li> <li>3 Utilise problem solving skills in a variety of theoretical and practical situations.</li> <li>4 Manage change effectively and respond to changing demands.</li> <li>5 Take responsibility for personal and professional learning and development.</li> <li>6 Manage time, prioritise workloads and recognise and manage personal emotions and stress.</li> <li>7 Understand career opportunities and challenges ahead and begin to plan a career path.</li> <li>8 Use information management skills, for example; information technology, library resources, the use of information technology in the workplace.</li> </ol>	<p><b>Teaching/learning methods and strategies:</b></p> <p><i>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 lectures. 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.</i></p> <p><i>Students are encouraged to attend careers sessions and to use the UWE careers website (7) in order that they understand career opportunities and begin to plan a career path.</i></p> <p><i>Study skills workshops are available to students to facilitate development of time management, and workload prioritisation (6).</i></p> <p><i>Students are able to reflect upon their own performance through tutorial and assignment feedback (2, 5 &amp; 6)</i></p> <p><b>Assessment</b>  <i>Key transferable skills are assessed in undertaking formative academic study, research project module and through module assignments.</i></p>
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<b>Section 4. Programme structure:</b>			
<b>ENTRY</b>	<b>Compulsory modules</b>	<b>Optional modules</b>	<b>Interim awards</b>
↓	Dissertation (UINXJH-40-3) Developments in Animal Science (UINXJB-20-3) Applied Business Management (UINXKU-15-3) Undergraduate Research Process (UINXU5-15-2)	A selection of modules from within the Field of Animal and Land Sciences.	<b>TARGET AWARD</b> <u>BSc (Hons) Animal Management</u> <i>Credit requirements:</i> 360 credits at level 0 or above, of which not less than 300 are at level 1 or above, not less than 210 or above and not less than 120 credits of which not less than 90 credits are at level 3 and must include all compulsory modules.
<b>GRADUATION</b>			

### **Section 5. 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 a HND or Foundation Degree in an animal science or animal related subject.

Applicants must provide evidence which demonstrates to the University's satisfaction that they can benefit from study at level 3 and are likely to achieve the required standard.

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 BSc (Hons) Animal Management programme provides graduates of an animal-related Foundation Degree or HND with the opportunity to gain an Honours degree level qualification within one year of academic study. Students from a range of backgrounds are invited to join the programme and by attaining this higher level qualification students will have an increased opportunity of employment success within this growing and competitive professional sector.

The purpose of the programme is to build on existing academic and intellectual attainment through academic study and to develop new higher knowledge and understanding in the field of animal management. The programme has been designed for those students with existing animal related knowledge who wish to undertake a further level of study to enhance their knowledge and academic skills. The programme design includes compulsory modules to ensure that all students that graduate from this programme have attained the skills and understanding appropriate to Animal Management and the compulsory module, the Dissertation, ensures students gain appropriate Honours degree research skills. The student will obtain an increased awareness of the current issues in the animal industry and evaluate this information in light of up-to-date research. Students have the opportunity to study a range of animals including small companion animals, exotics, equine and production animals. The ability to choose option modules from across the Field of Animal and Land Sciences gives the student the opportunity to specialize in a specific area of interest.

Distinctive to the Associate Faculty is the wide provision of opportunity. The student can engage in a variety of different learning environments. 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 yard), 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. A wide range of assessment types are utilised within the modules offering students the opportunity to excel through written examinations and assignments, oral assessments, poster defence and practical application.

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.

Learners are supported throughout the programme via the Virtual Learning Environment (VLE), Hartpury'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 University of the West of England 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.

## **Section 8. Reference points/benchmarks:**

### **QAA Subject Benchmark Statement:**

- Agriculture, forestry, agricultural sciences, food sciences and consumer sciences (Appendices 3 – 5)
- Code of Practice for the Assurance of Academic Quality and Standards in Higher Education: Placement Learning;
- The Framework for Higher Education Qualifications in England Wales and Northern Ireland foundation degree QAA document

### **Other relevant reference points**

- University Teaching and Learning Policies: University of the West of England Learning and Teaching Strategy
- LANTRA Agriculture Draft National Occupational Standards
- Employer interaction/feedback: Field of Animal and Land Sciences Vocational Panel meetings.
- Staff research projects: The proposed modules for the Animal Management programme are already well established within the Associate Faculty. These modules are 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.

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.*