

Programme Specification

Part 1: Basic Data			
Awarding Institution	Hartpury University		
Teaching Institution	University Centre Weston		
Delivery Location	University Centre Weston		
Study abroad / Exchange / Credit recognition	None		
Department responsible for programme	Animal		
Programme Title	FdSc Animal Management		
Professional Statutory or Regulatory Body Links	None		
Highest Award Title	Foundation Degree Science in Animal Management Foundation Degree Science in Animal Management with Integrated Placement Year		
Default Award Title	None		
Interim Award Titles	Certificate in Animal Management Certificate of Higher Education in Animal Management		
Mode(s) of Study	Full Time / Part Time		
Codes	UCAS: D302	UNIT-E: FDSAWAMX	
Relevant QAA Subject Benchmark Statements	Agriculture, Horticulture, Forestry, Food and Consumer Sciences Business and Management		
Most recent Validation Date	V1.0 – 10 July 2019	Due for re-validation by:	01 September 2024
Amendment Approval Date	V1.1 – 25 February 2020	Approved with effect from	V1.0 – 01 September 2019 V1.1 – 01 September 2020
Version	1.1		

Part 2: Educational Aims of the Programme

The FdSc Animal Management programme is designed to develop students to have an understanding of aspects of animal biology and specifically animal health and welfare. The programme will provide the students with the knowledge and skills to pursue a career in the professional care of animals. Graduates will have the relevant skills and knowledge to progress within higher education.

This programme will enable students to:

General aims

- 1 Access a distinctive approach to teaching, learning and assessment through the utilisation of work related and work based learning throughout the programme.
- 2 Enter a clear structure for training and progression within the animal industry.
- 3 Raise standards and skills levels within the animal industry.
- 4 Appreciate Health and Safety legislation influencing work within the animal industry.
- 5 Prepare for progression to study degrees in the animal sector.
- 6 Effectively develop and utilise employability skills which will help them to function effectively as members of a flexible, adaptable and competitive workforce which will help to fulfil the skills shortage identified by LANTRA.

Specific aims

1. Understand and apply current welfare legislation.
2. Develop a sound understanding of both the science and the management skills needed to progress in animal related careers.
3. Evaluate the impact of animal husbandry on welfare.
4. Develop academic, professional, generic practical and employability skills which will equip them for gaining employment and being successful at work.
5. Engage with the management and care of animal in a variety of settings.

This programme is designed to equip graduates with the knowledge and ability needed to work within the rapidly expanding animal industry. Students will acquire essential practical experience (including the handling of animals, differentiating healthy and diseased animals, and general animal management), as well as in depth theoretical knowledge (including health and disease, anatomy and physiology, nutrition, management and behaviour), with key transferable skills heavily embedded within all modules. The programme:

- 1 Develops basic scientific principles to instil a knowledge and understanding of the animal in health and disease, management and nutrition and uses this understanding to study animals in the context of present day industry and environment.
- 2 Prepares students for employment, in particular in animal-related employment (including laboratory technicians, animal sanctuaries, pet shops, boarding kennels, wildlife parks or various charitable organisations, such as Blue Cross, PDSA and RSPCA).
- 3 Provides students with an intellectual challenge based on a scientific and analytical approach.
- 4 Provides both group and autonomous 'hands-on' experience.
- 5 Examines health of companion, farm and exotic animals.
- 6 Provide experience in handling companion, farm and exotic animals.
- 7 Practical experience in laboratory skills.
- 8 Develops the skills and qualities which will support students to achieve success in all aspects of personal and working life.
- 9 Provides students with the opportunity to build on previous achievement, however acquired, without the need to replace it.

Provides a basis for and encourages progression to top-up and further degree qualifications.

Part 2: Educational Aims of the Programme

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

A graduate from the FdSc Animal Management programme will have completed 220 hours of Work Based Learning within the animal industry. Graduates will have professional practice skills they can use and enable them to apply their acquired knowledge and skills within employment.

A graduate will have skills in report writing, timeliness, meeting deadlines, working individually and as part of a team. Critical thinking, evaluative and analytical skills and the ability to reflect will support graduates to continue to develop professionally throughout their career.

Part 3: Programme Structure

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

- level and credit requirements
- award requirements that are in addition to those described in the Hartpury Academic Regulations
- module diet, including compulsory, core and optional modules

	Core/ Compulsory Modules	Optional Modules	Awards
Stage 1	<p>WANVCY-15-4 Animal and Equine Nutrition</p> <p>WANVFG-30-4 Working in the Animal Industry</p> <p>WANVF5-15-4 Business Studies</p> <p>WANVFH-15-4 Introduction to Animal Welfare</p> <p>WANVFX-15-4 Introduction to Veterinary Science</p> <p>WANVH4-15-4 Mammalian Systems Biology</p> <p>WANVCM-15-4 Principles of Animal Behaviour</p>		<p><u>Certificate in Animal Management</u></p> <p><u>Cert HE in Animal Management</u></p> <p><u>FdSc in Animal Management</u> Must include all compulsory modules.</p> <p><u>FdSc in Animal Management with Integrated Placement Year</u> Must include all compulsory modules and Year Work Placement module.</p>
Optional Stage 1P	<p>WANVCN-15-5 Year Work Placement</p>		
Stage 2	<p>WANVFX-30-5 Professional Practice in the Animal Industry</p> <p>WANVDW-30-5 Applied Animal Health & Disease</p> <p>WANVF6-15-5 Research Methods</p> <p>WANVFJ-15-5 Data Analysis</p> <p>WANVFW-15-5 Independent Report</p> <p>WANVH5-15-5 Ethics and Welfare</p>		

Part time:

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

The part time student journey from Entry through to Graduation is individually negotiated with the student.

	Core/ Compulsory Modules	Optional Modules	Awards
Stage 1	WANVCY-15-4 Animal and Equine Nutrition WANVFG-30-4 Working in the Animal Industry WANVFN-15-4 Introduction to Veterinary Science WANVCM-15-4 Principles of Animal Behaviour		<u>Certificate in Animal Management</u> <u>Cert HE in Animal Management</u> <u>FdSc in Animal Management</u> Must include all compulsory modules.
Stage 1.2	WANVF5-15-4 Business Studies WANVH4-15-4 Mammalian Systems Biology WANVFH-15-4 Introduction to Animal Welfare WANVF6-15-5 Research Methods WANVH5-15-5 Ethics and Welfare		<u>FdSc with Integrated Placement Year in Animal Management</u> Must include all compulsory modules and Year Work Placement module.
Stage 2.1	WANVFX-30-5 Professional Practice in the Animal Industry WANVDW-30-5 Applied Animal Health & Disease WANVFJ-15-5 Data Analysis WANVFW-15-5 Independent Report		

Part 4: 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:

The award provides opportunities for students to develop and demonstrate knowledge and understanding, qualities, skills and other attributes in the areas more fully described below. These have taken account of the relevant subject benchmark Agriculture, Forestry, Agricultural Sciences and Consumer Science and the QAA Foundation degree benchmark. The Sector Skills Council, LANTRA guidance on the Foundation Degree Framework for Animal Health and Welfare was used as guidance for programme content.

<i>Learning Outcomes:</i>	Animal and Equine Nutrition	Working in the Animal Industry	Business Studies	Introduction to Animal Welfare	Introduction to Veterinary Science	Mammalian Systems Biology	Principles of Animal Behaviour	Year Work Placement	Applied Animal Health & Disease	Professional Practice in the Animal Industry	Data Analysis	Ethics and Welfare	Independent Report	Research Methods
A) Knowledge and understanding of:														
1 The principles which relate theory to practice in animal studies	√	√		√	√	√	√	√	√	√		√	√	
2 The utilisation of information to prepare reasoned solutions to problems		√	√	√				√	√	√	√		√	√
3 The purpose and relevance of IT applications to the modern manager		√	√							√	√		√	
4 Principles of animal management	√	√	√	√	√		√	√		√				√
5 Ethical issues in management		√	√	√	√			√		√		√	√	√
6 Business principles		√	√	√					√	√	√	√		
7 Current literature relating to animal science	√	√		√	√	√	√		√	√	√	√	√	√
8 Theoretical diversity within the field of animal science/management including companion and production animals, animal science, including behaviour, welfare and animal health	√		√	√	√		√				√	√	√	
9 Practical animal production, animal handling and husbandry and scientific techniques in the laboratory/field	√	√	√	√	√		√	√			√			√
10 Research skills to facilitate further study at honours level	√						√				√	√	√	√

(B) Intellectual Skills															
1	Seek, describe and interpret information	√	√	√	√	√	√	√		√	√	√	√	√	√
2	Describe, interpret and organise data	√													√
3	Identify and express key themes in written work and oral presentations	√	√	√	√			√	√		√	√	√	√	√
4	Apply given tools/methods accurately and carefully to a well-defined problem and draw appropriate conclusions			√											√
5	Identify, describe and analyse problem situations		√	√		√									√
6	Allocate priorities, identify suitable solutions and draw appropriate conclusions		√		√	√					√				√
7	Understand and apply numerical conventions, interpreting trends and data	√													√
8	Use statistics effectively in the presentation of an argument			√											√
9	Critically reflect on actions and priorities	√	√	√	√	√	√	√		√	√	√			
10	Formulate effective strategies for achieving goals		√							√	√	√			
11	Debate issues in relation to more general ethical perspectives		√		√	√		√			√	√	√	√	√
(C) Subject/Professional/Practical Skills															
1	Prepare students for employment in the animal industry	√	√	√	√	√	√	√		√	√	√	√	√	√
2	Provide a balance between breadth and specialist training and include a grounding in applied principles	√	√	√	√	√	√			√	√	√	√	√	√
3	Develop vocational and practical skills, knowledge and understanding which enable students to be competent to relevant industry standards	√	√	√	√	√	√			√	√	√	√	√	√
4	Assist students to be adaptable to the changing demands of business and society		√	√	√					√	√	√			√
5	Allow students to choose from a range of options appropriate to their needs, while maintaining a coherent programme of study			√	√			√			√		√	√	√
6	Provide an opportunity for students to acquire professional qualifications necessary for future employment		√							√		√			√
(D) Transferable skills and other attributes															
1	Communicate technical information clearly in a written format, within time constraints and in a high pressure environment	√	√	√	√	√	√	√			√	√	√	√	√
2	Communicate verbally accurately, clearly and appropriately to a variety of audiences	√	√	√	√	√	√	√			√		√		√

	demonstrating use of appropriate academic terminology																
3	Manage own time effectively and identify and achieve individual goals when completing a task for a given deadline	√	√	√	√		√	√		√	√	√	√	√	√	√	
4	Identify individual goals and responsibilities and assume responsibility for one's actions	√	√	√	√		√	√	√		√	√	√				
5	Demonstrate the skills necessary for self-managed and lifelong learning; and	√	√	√	√		√	√		√	√	√	√	√	√	√	
6	Allocate tasks for self, individuals and a team and perform in a manner appropriate to these roles and responsibilities	√	√				√		√		√						

Part 5: Student Learning and Student Support

Teaching and learning strategies to enable learning outcomes to be achieved and demonstrated

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

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

Placement learning: will include a minimum of 220 hours and may include a year work placement, which may be completed abroad. All placement learning has to be completed in pre-approved work placements only. This constitutes an average per level as indicated below.

Academic support

LibraryPlus at UCW is responsible for providing core resources for HE programmes. A digital-first approach is encouraged to enable wider access via eBooks and online academic sources and a range of technology is available to borrow from LibraryPlus.

The Academic Development Team are available to support all students along with delivering the Headstart and HE.LP Programmes. Headstart helps support student transition through bitesize interactive sessions intended to introduce new HE students to some of the key skills needed and expected for HE study. **HE.LP** is the well-established HE LibraryPlus academic skills development programme. Content is planned using Learning Outcomes from assignment briefs, JISC standards for digital literacy and CILIP definitions of information literacy. Outcomes are differentiated for level 4 – 6 according to the FHEQ Benchmark standards and the 21CLD model levels of knowledge construction.

Specialist support

Additional 1-1 specialist support is available for all students in receipt of DSA via UCW highly qualified and experienced team. This will be tailored to each individual student and generally focuses on study skills, organisation and time management.

Description of the teaching resources provided for students

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.

Module Title	Scheduled (%)	Independent (%)	Placement (%)
Animal and Equine Nutrition	24	76	0
Working in the Animal Industry	27	33	40
Business Studies	24	76	0
Introduction to Animal Welfare	24	76	0
Introduction to Veterinary Science	24	76	0
Mammalian Systems Biology	24	76	0
Principles of Animal Behaviour	24	76	0
Principles of Animal Biology	24	76	0
Year Work Placement	0	0	100
Professional Practice in the Animal Industry	27	33	40
Applied Animal Health & Disease	24	76	0
Data Analysis	24	76	0

Part 5: Student Learning and Student Support

Ethics and Welfare	24	76	0
Independent Report	24	76	0
Research Methods	24	76	0

Careers

To support learner's career preparations, careers personnel from UCW are based at the institution students can arrange one-to-one sessions with them as well as accessing their resources online. In addition to this, academic tutors also offer subject specific careers advice through either module sessions or individual tutorials. In particular, the work experience modules that are delivered are aimed at supporting student skill development as well as career aspirations through working closely with employers. Careers Fairs are also 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 in animal science.

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 range of vocational opportunities to be found operating in the animal science industry. There has been substantial employer input in the design of the programme through vocational panels representing employers from the local area, thus identifying employers' needs and current skills gaps.

In the Foundation degree programme, academic knowledge and understanding reinforces and supports the development of vocational skills to equip the student to meet the needs of employers. The programme embraces the Government's commitment to the expansion of higher education. The flexibility of the Foundation Degree allows people already in work to engage in higher education whilst making full use of, and awarding credit for, prior experiential learning within the working environment. The Foundation Degree also provides a pathway for lifelong learning and the opportunity to progress to Honours degree programmes.

Students undertake two vocationally based modules within their programme which contribute to the overall ethos of work-related learning that forms the basis of the Foundation Degree. Stage 1 students undertake a module which prepares the student for work, during which all students undertake a work placement in a relevant industry.

Knowledge and understanding from this work-based learning underpins level 2 and helps the student to identify how businesses are run and prepares the student for future careers.

Students are supported during the programme through online web-based support such as the Virtual Learning Environment (VLE) and Digital Collection, and individual tutorial sessions with a designated tutor.

Part 6: Assessment

This programme will be assessed according to the approved Academic Regulations including specific variant regulations: None.

The distinctive module used by the Programme Examination Board to inform recommending differential awards for students when considering borderline performance profiles will be Independent Report.

Part 6: Assessment

Assessment Strategy

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

This Foundation Degree offers both a traditional form of assessment with both formative and summative assessment during delivery of science based theoretical modules and modules that rely upon the students' capacity to draw upon their experience of the workplace. This practically-based professional experience is essential for success on this Foundation Degree.

Formal assessment currently includes the following:

- 1 a range of small-scale enquiries based in the workplace
- 2 reflective and evaluative accounts or audits of initiatives, interventions, specific practices that might take place in the workplace
- 3 creation of portfolios that evidence the experiences occurring in the workplace through completion of witness statements, observational reports, reports on practice, logs and journals, planning documents.
- 4 written assignments, essays and prepared papers with further reading to enhance insight to a specific topic area
- 5 examination of the core scientific principles underpinning practice
- 6 oral presentations and posters on module related topics.

The assessment criteria are stated and made evident with individual assignments. All feedback will relate to individual learning outcomes in order to develop students' capacity to reflect and improve performance during the course of the programme.

Assessment Map

The programme encompasses a range of **assessment methods** including; written assignments and examinations, practical and oral examinations, laboratory reports and notebooks. These are detailed in the following assessment map:

		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 4	Animal and Equine Nutrition	A (50)						B (50)			
	Working in the Animal Industry				A (P/F)			B (100)			
	Business Studies						A (25)	B (75)			
	Introduction to Animal Welfare	A (50)						B (50)			
	Introduction to Veterinary Science		A (40)		B (60)						
	Mammalian Systems Biology				A (40)				B (60)		
	Principles of Animal Behaviour						A (40)	B (60)			
Compulsory Modules	Professional Practice in the Animal Industry					A (P/F)		B (100)			

Part 6: Assessment

Level 5	Applied Animal Health & Disease	A (60)					B (40)			
	Research Methods		A (50)					B (50)		
	Data Analysis									A (100)
	Ethics and Welfare	A (50)					B (50)			
	Independent Report						A (25)		B (75)	
	Year Work Placement									

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

Part 7: Entry Requirements

Applicants will have achieved entry criteria appropriate for the year of entry, which can be found through the UCW website (www.ucw.ac.uk).

Applicants must provide evidence which demonstrates that they can benefit from study on this programme 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. Applicants will be considered 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 may be reviewed on an individual basis. This may 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, applications will be considered for advanced entry, e.g. into year two. More details on how to apply for this can be found through the website.

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

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 through UCW's website.

Programme Amendment Log

Programme Title:	FdSc Animal Management
Programme Code:	FDSAWAMX / D302
Initial Approval Date:	10 July 2019
Approved by:	CVC
Approved until:	01 September 2024

Changes:

Current version number:	
Outline Change Details: Parts 3, 4 and 6 updated to reflect module name changes: Level 4 compulsory module changed from Animal Management 1 (WANVDU-30-4) to Working in the Animal Industry (WANVFG-30-4). Level 5 compulsory module changed from Animal Management II (WANVD3-30-5) to Professional Practice in the Animal Industry (WANVFX-30-5).	
Rationale: These module name changes would better outline to students what the modules require as it is more specific to the learning outcomes and requirements. They are less generic and therefore will better inform students and applicants as to what the modules require.	
Change requested by: Gill Cook	
<input checked="" type="checkbox"/> I can confirm that student representatives have been consulted about this change <input checked="" type="checkbox"/> I can confirm that colleagues impacted by this change have been consulted <input checked="" type="checkbox"/> I have retained evidence of these consultations, which will be summarized within the Programme Enhancement Report	
Signature: 	Date: 06.02.2020
Name of Head of Department: Helen George	
<input checked="" type="checkbox"/> I confirm that this change does not require additional resources beyond the scope of those already present or planned for by the department	
Signature: 	Date: 06.02.2020
Approval Committee and Date:	CVC 2020 02 25
Change approved with effect from:	01 September 2020
Resulting new version number:	1.1 (intakes 2020+)

Current version number: 0	
Outline Change Details: new programme	
Rationale: Creation of Hartpury version of the programme specification	
Approval Committee and Date:	CVC 2019 07 10
Change approved with effect from:	1 September 2019
Resulting new version number:	1.0