




CORPORATE AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data					
Module Title	Advanced Animal Production				
Module Code	UINV4V-15-3	Level	3	Version	1.1
Owning Faculty	Hartpury	Field	Animal & Land Science		
Department	Animal and Land	Module Type	Standard		
Contributes towards	BSc (Hons) Agriculture, Conservation and Sustainable Management (Top Up) BSc (Hons) Agriculture (Top-up) BSc (Hons) Conservation (Top-up) BSc (Hons) Animal Management (Top Up) BSc (Hons) Animal Science BSc (Hons) Animal Science (SW) BSc (Hons) Applied Animal Science BSc (Hons) Applied Animal Science (SW)				
UWE Credit Rating	15	ECTS Credit Rating	7.5	WBL module	No
Pre-requisites	Animal Production (UINXSL-15-2) OR Dairy Herd Management (UILXSV-15-2) OR Beef and Sheep Management (UILXSQ-15-2)	Co- requisites	None		
Excluded Combinations	None	Module Entry requirements	None		
Valid From	01 September 2016	Valid to	01 September 2021		

CAP Approval Date	12 January 2015
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Part 2: Learning and Teaching	
Learning Outcomes	On successful completion of this module students will be able to: <ol style="list-style-type: none"> 1. Identify recent changes within the livestock industry and be prepared to form a judgement on these changes through critical analysis and evaluation of complex information. (A) 2. Critically analyse the needs of animals, including environmental and behavioural requirements, industry pressures and customer opinion. (B) 3. Critically evaluate the current scientific knowledge presented in recent scientific publications and assess their relevance to animal production. (A, B) 4. Assess and apply relevant legislation to scenarios commonly seen in

	commercial and industrial practice in order to forecast trends. (A, B)																																			
Syllabus Outline	<ul style="list-style-type: none"> • Behaviour of production animals and the impact of welfare on production • Environmental demands, e.g. nitrate vulnerable zones, ammonia emissions • Food Safety legislation including carcass grading for cleanliness • Farm Assurance Schemes • Advances in nutrition, reproduction, animal breeding • Meat science: the anatomy, composition and quality of major classes of livestock; veterinary anti-mortem inspection, humane slaughter methods, meat hygiene and pathology; current legislation pertaining to animal welfare and meat hygiene. 																																			
Contact Hours	<p>Indicative delivery modes:</p> <table border="0"> <tr> <td>• Lectures, guided learning, seminars etc.</td> <td style="text-align: right;">33</td> </tr> <tr> <td>• Self-directed learning</td> <td style="text-align: right;">3</td> </tr> <tr> <td>• Independent learning</td> <td style="text-align: right;">114</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">150</td> </tr> </table>	• Lectures, guided learning, seminars etc.	33	• Self-directed learning	3	• Independent learning	114	TOTAL	150																											
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Teaching and Learning Methods	<p>A variety of learning strategies will be used including lectures, seminars and site visits (33 hours) and self-directed study (3 hours). This module is supported by the VLE where students will be able to find all necessary module information. Direct links to information sources will also be provided from the VLE.</p> <p>Scheduled learning includes lectures, seminars, tutorials, on-site visits, external visits.</p> <p>Independent learning includes hours engaged with essential reading, assignment preparation and completion etc. These sessions constitute an average time per level as indicated in the table below.</p> <p>Virtual Learning Environment (VLE) The module will be supported by the VLE where students will be able to find all necessary module information. Direct links to information sources will be provided from within the VLE.</p>																																			
Key Information Sets Information	<p>Key Information Sets (KIS) are produced at programme level for all programmes that this module contributes to, which is a requirement set by HESA/HEFCE. KIS are comparable sets of standardised information about undergraduate courses allowing prospective students to compare and contrast between programmes they are interested in applying for.</p> <table border="1" style="margin: 10px auto;"> <thead> <tr> <th colspan="5">Key Information Set - Module data</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </thead> <tbody> <tr> <td colspan="4"><i>Number of credits for this module</i></td> <td style="text-align: center;">15</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <th>Hours to be allocated</th> <th>Scheduled learning and teaching study hours</th> <th>Independent study hours</th> <th>Placement study hours</th> <th>Allocated Hours</th> </tr> <tr> <td style="text-align: center;">150</td> <td style="text-align: center;">36</td> <td style="text-align: center;">114</td> <td style="text-align: center;">0</td> <td style="text-align: center;">150</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;"></td> </tr> </tbody> </table> <p>The table below indicates as a percentage the total assessment of the module which constitutes a -</p> <p>Written Exam: Unseen written exam, open book written exam, In-class test Coursework: Written assignment or essay, report, dissertation, portfolio, project</p>	Key Information Set - Module data										<i>Number of credits for this module</i>				15						Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours	150	36	114	0	150					
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	<p>Practical Exam: Oral Assessment and/or presentation, practical skills assessment, practical exam</p> <p>Please note that this is the total of various types of assessment and will not necessarily reflect the component and module weightings in the Assessment section of this module description:</p> <table border="1" data-bbox="517 367 1347 600"> <tr> <td colspan="2">Total assessment of the module:</td> <td></td> <td></td> </tr> <tr> <td>Written exam assessment percentage</td> <td>60%</td> <td></td> <td></td> </tr> <tr> <td>Coursework assessment percentage</td> <td>40%</td> <td></td> <td></td> </tr> <tr> <td>Practical exam assessment percentage</td> <td>0%</td> <td></td> <td></td> </tr> <tr> <td></td> <td>100%</td> <td></td> <td></td> </tr> </table>	Total assessment of the module:				Written exam assessment percentage	60%			Coursework assessment percentage	40%			Practical exam assessment percentage	0%				100%		
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Reading Strategy	<p>Essential readings Any essential reading will be indicated clearly, along with the method for accessing it, e.g. students may be required to purchase a set text, be given a print study pack or be referred to texts that are available electronically or in the library. Module guides will also reflect the range of reading to be carried out.</p> <p>Further readings Further reading will be required to supplement the set text and the other printed readings. Students are expected to identify all other reading relevant to their chosen topic for themselves. They will be required to read widely using the library search, a variety of bibliographic and full text databases, and internet resources. Many resources can be accessed remotely. The purpose of this further reading is to ensure students are familiar with current research, classic works and material specific to their interests from their academic literature.</p> <p>Access and skills Formal opportunities for students to develop their library and information skills are provided within the induction period and student skills sessions. Additional support is available through online resources. This includes interactive tutorials on finding books and journals, evaluation information and referencing. Sign up workshops are also offered.</p>																				
Indicative Reading List	<p>The following list is offered to provide validation panels/accrediting bodies with an indication of the type and level of information students may be expected to consult. As such, its currency may wane during the life span of the module specification. However, as indicated above, CURRENT advice on readings will be available via more frequently updated sources.</p> <p>Books</p> <p>Broom, D.M. and Johnson, K.G. (Current Edition) <i>Stress and Animal Welfare</i>. London: Chapman & Hall.</p> <p>Ewbank, R. (Current Edition) <i>The Management and Welfare of Farm Animals: The UFAW Handbook</i>. Wheathampstead: UFAW.</p> <p>Fraser, A.F. and Broom, D.M. (Current Edition) <i>Farm Animal Behaviour and Welfare</i>. Wallingford: CAB International.</p> <p>Grandin, T., ed. (Current Edition) <i>Livestock Handling and Transport</i>. Wallingford: CAB International.</p> <p>McDonald, P., Edwards, R.A., Greenhalgh, J.F.D. and Morgan, C.A. (Current Edition) <i>Animal Nutrition</i>. Harlow: Longman Scientific & Technical.</p> <p>Ruckebusch, Y., Phaneuf, L-P., and Dunlop, R. (Current Edition) <i>Physiology of Small and Large Animals</i>. Philadelphia: BC Decker Inc.</p>																				

	<p>Sainsbury, D. (Current Edition) <i>Poultry Health and Management</i>. Oxford: Blackwell Scientific Publications.</p> <p>Thornton, K. (Current Edition) <i>Outdoor Pig Production</i>. Ipswich: Farming Press.</p> <p>Journals</p> <p>Animal Welfare</p> <p>Animal Production Science</p> <p>Applied Animal Welfare Science</p> <p>Journal of Animal Science</p> <p>Journal of Dairy Science</p> <p>Website</p> <p>Department for Environment, Food and Rural Affairs https://www.gov.uk/government/organisations/department-for-environment-food-rural-affairs</p>
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Part 3: Assessment	
Assessment Strategy	<p>The assessment strategy will include a written examination (1.5 hours) and a written assignment (1000 words). The examination will be held in the end of semester assessment period.</p> <p>The written examination will ensure that students can demonstrate a comprehensive understanding of the variety of material covered in the module under controlled conditions. The written assignment will demonstrate that the student can apply their knowledge to a specific scenario which they may encounter when working in industry.</p> <p>Formative feedback and guidance can be gained in the module delivery, on the VLE, in tutorials and in revision sessions. Summative feedback can be gained on assignment scripts, at the end of oral presentations and on Blackboard.</p> <p>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 VLE.</p>

Identify final assessment component and element	Written Examination	
% weighting between components A and B (Standard modules only)	A:	B:
	60%	40%
First Sit		
Component A (controlled conditions) Description of each element	Element weighting	
1. Written Examination (1.5 hours)	100%	
Component B Description of each element	Element weighting	
1. Assignment (1000 words)	100%	

Resit (further attendance at taught classes is not required)	
Component A (controlled conditions) Description of each element	Element weighting
1. Written Examination (1.5 hours)	100%
Component B Description of each element	Element weighting
1. Assignment (1000 words)	100%
If a student is permitted a retake of the module under the University Regulations and Procedures, the assessment will be that indicated by the Module Description at the time that retake commences.	