



Module Specification

Part 1: Basic Data					
Module Title	Ruminant Livestock Production				
Module Code	UILV7G-30-2	Level	2	Version	1.1
Credit Rating	30	ECTS Credit Rating	15	WBL module?	No
Owning Faculty	Hartpury	Field	Animal & Land		
Department	Agriculture	Module Type	Standard		
Contributes towards	BSc (Hons) Applied Agriculture BSc (Hons) Applied Agriculture (SW) BSc (Hons) Applied Agriculture (Livestock Production) BSc (Hons) Applied Agriculture (Livestock Production) (SW) BSc (Hons) Applied Agriculture (International) BSc (Hons) Applied Agriculture (International) (SW)				
Pre-requisites	None	Co- requisites	None		
Excluded Combinations	None	Module Entry requirements	None		
Last Major Approval Date	19 January 2017	Valid from	1 September 2017		
Amendment Approval Date	V1.1- 01 March 2018	Revised with effect from	V1.1- 01 September 2018		
Review Due By	1 September 2023				

Part 2: Learning and Teaching	
Learning Outcomes	<p>On successful completion of this module students will be able to:</p> <ol style="list-style-type: none"> 1. Appraise and defend global livestock production methods. (B) 2. Critique the role of marketing for a range of ruminant livestock products. (A, B) 3. Evaluate the key factors affecting meat and milk quality and appraise their impact on human health. (A, B) 4. Perform a range of practical tasks to industry standard and engage in critical self-reflection of their own performance. (B) 5. Construct effective and relevant summary reports using digital technology. (B)
Syllabus Outline	<p>This module gives the students the opportunity to engage with beef, sheep and dairy production, but will also consider emerging livestock diversification.</p> <ul style="list-style-type: none"> • A brief history and current structure of the beef, sheep and dairy industries in the UK compared with other major producers in the rest of the world. • Typical production systems including major aspects of breeding, feeding, rearing, milking, animal health and welfare, transport and slaughter. • Grassland and forage management for ruminant livestock. • Industry standard husbandry tasks, e.g. livestock and carcass grading, observations for breeding management, microbiological assays. • Alternative ruminant livestock enterprises (camelids, deer) • Marketing and adding value to ruminant livestock produce throughout the

	<p>supply chain.</p> <ul style="list-style-type: none"> • Production of scientific posters and critical reports. 																														
<p>Teaching and Learning Methods (and contact hours)</p>	<p>The module will be delivered to allow students to follow the production cycle of the ruminant animal. Sessions will include lectures and seminars which will focus on evidence informed practice utilising Hartpury College farm and directed learning on the VLE.</p> <p>Students will be encouraged to develop core vocational skills within practical farm and laboratory sessions, and through relevant short courses and visits to subject specific farms, producers and food processing industries which will occur throughout the module to support student learning.</p> <p>The mix of contact time, directed study, independent study and practical sessions will develop the student's knowledge and understanding of the subject area alongside development of key vocational skills to enhance employment.</p> <p>Virtual Learning Environment (VLE) This specification is supported by Moodle where students will be able to find all necessary module information. Direct links to information sources will also be provided from within the VLE.</p>																														
<p>Key Information Sets Information</p>	<p>HEFCE require Key Information Sets (KIS) to be produced at programme level for all undergraduate programmes of more than one year in length. 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" data-bbox="483 943 1380 1294"> <thead> <tr> <th colspan="5">Key Information Set - Module data</th> </tr> </thead> <tbody> <tr> <td colspan="4">Number of credits for this module</td> <td>30</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>300</td> <td>72</td> <td>228</td> <td>0</td> <td>300</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 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="598 1697 1270 1928"> <thead> <tr> <th colspan="2">Total assessment of the module:</th> </tr> </thead> <tbody> <tr> <td>Written exam assessment percentage</td> <td>0%</td> </tr> <tr> <td>Coursework assessment percentage</td> <td>70%</td> </tr> <tr> <td>Practical exam assessment percentage</td> <td>30%</td> </tr> <tr> <td></td> <td>100%</td> </tr> </tbody> </table>	Key Information Set - Module data					Number of credits for this module				30	Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours	300	72	228	0	300	Total assessment of the module:		Written exam assessment percentage	0%	Coursework assessment percentage	70%	Practical exam assessment percentage	30%		100%
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<p>Reading Strategy</p>	<p>Students are expected to read a range of text books, journal articles and industry relevant publications in support of the module.</p>																														

	<p>Any core essential reading will be indicated clearly in the first week of module teaching along with the method for accessing it, e.g. students may be expected to purchase a set text, be given a study pack, or be referred to texts that are available electronically, etc. This guidance will be available on the relevant VLE page.</p> <p>Further and wider reading is encouraged for this module with relevant material indicated in lectures, lecture notes, seminar preparation instructions and on the relevant VLE.</p> <p>Access and skills Formal opportunities for students to develop their library and information skills are provided within the induction period and study 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 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 other more frequently updated mechanisms.</p> <p>Books</p> <p>Charlton, S.J. (Current Edition) <i>Calf Rearing Guide</i>. Ashby-De-La-Zouch: Context Products.</p> <p>Field, T. (Current Edition) <i>Beef production and management decisions</i>. New Jersey: Pearson, Prentice Hall.</p> <p>Green, M. (Current Edition) <i>Dairy Herd Health</i>. Wallingford: CABI</p> <p>Hinton, D. G (Current Edition) <i>Supplementary feeding of sheep and beef cattle</i>. Collingwood: Landlinks Press</p> <p>Parker, R (Current Edition) <i>The sheep book: a handbook for the modern shepherd</i>. Athens (OH): Swallow Press.</p> <p>Phillips, C. J.C. (Current Edition) <i>Principles of cattle production</i>. Oxford: CABI Publishing.</p> <p>Pond, W.G, Church, D.C, and Pond, K.R, (Current Edition) <i>Basic Animal Nutrition and Feeding</i>. Oxford: Wiley</p> <p>Russell, E.M. (Current Edition) <i>Dairy Cows: Nutrition, Fertility & Milk Production (Animal Science, Issues and Professions - Agriculture Issues and Policies)</i>. New York: Nova Science Publishers.</p> <p>Skelley, W. C. (Current Edition) <i>Sheep Production - With Information on the Breeding, Care and Management of Sheep</i>. Vancouver: Read Books</p> <p>Websites & databases:</p> <p>National Beef Association http://www.nationalbeefassociation.com .</p> <p>Agriculture and Horticulture Development Board http://www.ahdb.org.uk/</p> <p>National Sheep Association www.nationalsheep.org.uk</p> <p>Kingshay Farming Notes: Hartpury LRC</p> <p>Journals and periodicals</p> <p>Animal Production</p> <p>Animal Livestock Science</p> <p>Journal of Dairy Science</p> <p>Animal Welfare</p> <p>Beef and Sheep Producer</p>

Part 3: Assessment

Assessment Strategy	<p>The module is assessed through a skills assessment portfolio and a poster defence. The portfolio will provide a summary of student progress. This may be centred on practical achievement of vocationally relevant skills, short answer questions, short projects or reflective logs and will be submitted electronically. Students will be exposed to industry relevant research and how this informs current and future practice during lectures, seminars and industry engagement. During these sessions students will be expected to engage in questioning and debate which will prepare them to defend their poster.</p> <p>Throughout the module and skills assessment there will be opportunities for students to receive formative feedback to support them in their development and allow them to reflect effectively on their performance and whether it meets industry requirements. Additional opportunities for reflection will occur within groups during visits and project completion. Portfolios will be constructed throughout the course of the module and must be completed by the submission date.</p> <p>In line with the Institution'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.</p>
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Identify final assessment component and element	Skills Assessment Portfolio	
% weighting between components A and B (Standard modules only)	A:	B:
	30%	70%
First Sit		
Component A (controlled conditions) Description of each element	Element weighting (as % of component)	
1. Poster Defence (15 minutes)	100%	
Component B (Uncontrolled conditions) Description of each element	Element weighting (as % of component)	
1. Skills Assessment Portfolio (equivalent to 3,000 words)	100%	

Resit (further attendance at taught classes is not required)		
Component A (controlled conditions) Description of each element	Element weighting (as % of component)	
1. Poster Defence (15 minutes)	100%	
Component B (Uncontrolled conditions) Description of each element	Element weighting (as % of component)	
1. Skills Assessment Portfolio (equivalent to 3,000 words)	100%	
<p>If a student is permitted a retake of the module under the Academic Regulations and Procedures, the assessment will be that indicated by the Module Specification at the time that retake commences.</p>		