

ACADEMIC SERVICES


MODULE SPECIFICATION

Part 1: Basic Data					
Module Title	Fundamental Skills for the Animal Scientist				
Module Code	UINV69-15-1		Level	1	Version1
UWE Credit Rating	15	ECTS Credit Rating	7.5	WBL module?	No
Owning Faculty	Hartpury		Field	Animal and Land Sciences	
Department	Animal and Land		Module Type	Standard	
Contributes towards	BSc (Hons) Applied Animal Science with Therapy BSc (Hons) Applied Animal Science with Therapy SW				
Pre-requisites	None		Co- requisites	None	
Excluded Combinations	None		Module Entry requirements	None	
First CAP Approval Date	18 February 2016		Valid from	01 September 2016	
Revision CAP Approval Date			Revised with effect from		

Review Date	01 September 2022
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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. Identify and reflect upon the key academic and vocational skills, and personal attributes desirable for employment in the animal industry (A, B). 2. Apply and interpret a range of descriptive statistics which are commonly used in data analysis by the animal scientist (B). 3. Undertake key protocols required for safe practice in the animal science laboratory (B). 4. Competently handle, restrain and health check a range of animal species (B).
Syllabus Outline	<p>The syllabus aims to develop students to be able to achieve, and then market and reflect on their own accomplishments during the first year of academic study including:</p> <ul style="list-style-type: none"> • Identification and attainment of key graduate attributes (relevant interpersonal, academic, practical and vocational characteristics). • Academic development including writing styles and requirements. • Finding sources and appropriate use of reference materials.

	<ul style="list-style-type: none"> • Reflective and analytical thinking. • Laboratory skills including measurement techniques, microscope use and safe practice. • Animal handling techniques including suitable restraint, restraint equipment, assess normal health status parameters and sexing. • Introduction to data analysis within scientific research including descriptive statistics and interpreting data within reference sources. 								
Contact Hours	<p>Indicative delivery modes:</p> <table> <tr> <td>Lectures, practicals, seminars etc</td><td>44</td></tr> <tr> <td>Self directed study</td><td>18</td></tr> <tr> <td>Independent learning</td><td>88</td></tr> <tr> <td>TOTAL</td><td>150</td></tr> </table>	Lectures, practicals, seminars etc	44	Self directed study	18	Independent learning	88	TOTAL	150
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Teaching and Learning Methods	<p>A variety of learning strategies will be used including lectures and seminars, practical demonstrations and attendance at bespoke professional development sessions (minimum of 10). Students will also be expected to engage in independent learning (88 hours) and complete a range of guided learning activities through the course of the module (minimum of 18 hours). This independent and guided learning will involve activities designed to support students with the preparation of assessments and developing their subject knowledge via further reading. Teaching and learning will be supported via the VLE.</p> <p>Scheduled learning It is anticipated that each student will receive/attend approximately 62 hours of scheduled learning activities over the course of the academic year delivered by way of: lectures, seminars, tutorials and practical sessions.</p> <p>Independent learning In addition to scheduled learning, there is an expectation that students will spend approximately 88 hours on their own independent learning. This may include; essential reading, assessment of knowledge and understanding, wider research into the topics studies, assessment preparation or volunteering within animal related industries. Students are also encouraged to engage with skill development and volunteering opportunities in the Hartpury Animal Management Centre, Equine Yard and Farm to practice their practical skills to become competent handling a range of animals.</p> <p>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.</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>								

	Key Information Set - Module data																													
	Number of credits for this module				15																									
	Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours																									
	150	62	88	0	150																									
<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><tr><td colspan="2">Total assessment of the module:</td><td></td><td></td></tr><tr><td colspan="2"></td><td></td><td></td></tr><tr><td colspan="2">Written exam assessment percentage</td><td>0%</td><td></td></tr><tr><td colspan="2">Coursework assessment percentage</td><td>0%</td><td></td></tr><tr><td colspan="2">Practical exam assessment percentage</td><td>100%</td><td></td></tr><tr><td colspan="2"></td><td>100%</td><td></td></tr></table>							Total assessment of the module:								Written exam assessment percentage		0%		Coursework assessment percentage		0%		Practical exam assessment percentage		100%				100%	
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Practical exam assessment percentage		100%																												
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Reading Strategy	<p>Further reading</p> <p>Students will be encouraged to read a wide range of different materials that will promote their own development and aid in the acquisition of skills necessary to the successful completion of their studies. Additional resources and interactive activities will be available via the VLE and other online platforms enabling them to be accessed remotely, to support students' learning.</p> <p>Access and skills</p> <p>Formal opportunities for students to develop their library and information skills are provided within the induction period and through attendance at professional development sessions designed to upskill students in specific topic areas. Additional support is available through online resources. This includes interactive tutorials on finding books and journals, evaluation information and referencing. Sign up workshops and tutorials are also offered with the module team.</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 other more frequently updated mechanisms, including the module guide.</p> <p>Books:</p> <p>Aspinall, V. (Current Edition) <i>The Complete Textbook of Veterinary Nursing</i>. Oxford: Elsevier.</p> <p>Burns, T. and Sinfield, S. (Current Edition) <i>Essential Study Skills: the complete guide to success at university</i>. London: SAGE.</p> <p>Cottrell, S. (Current Edition) <i>The Study Skills Handbook</i>. Basingstoke: Palgrave.</p> <p>Cottrell, S. (Current Edition) <i>Critical Thinking Skills</i>. Basingstoke: Palgrave.</p>																													

	<p>Cottrell, S. (Current Edition) <i>How to Write Better Essays</i>. Basingstoke: Palgrave.</p> <p>Fielding, A. (Current Edition) <i>Discovering Statistics using IBM SPSS Statistics</i>. London: SAGE.</p> <p>Hawkins, D. (Current Edition) <i>Biomeasurement</i>. Oxford: Oxford University Press.</p> <p>Marshall, L. and Rowland, F. (Current Edition) <i>A Guide to Learning Independently</i>. Buckingham: Open University Press.</p> <p>Rumsey, D.J. (Current Edition) <i>Statistics for Dummies</i>. West Sussex: Wiley.</p> <p>Williams, J.M. (Current Edition) <i>The Complete Textbook of Animal Health and Welfare</i>. Oxford: Elsevier.</p>
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Part 3: Assessment	
Assessment Strategy	<p>Simulations of practical assessments which mirror tasks which may occur during the practical skills assessment will be undertaken within taught sessions and verbal feedback on student performance will be provided.</p> <p>To support students' development, formative opportunities to engage in interactive learning opportunities which test their understanding of the topics covered by the module will be provided via the module page on the VLE. Interactive VLE tasks will also be used to develop individuals' academic, reflective and evaluation skills through verbal, written and digital communication. Students will also be provided with opportunities, in groups, to practice animal handling and health assessment, and laboratory skills during prearranged practical sessions where verbal feedback on their performance will be provided by their tutor.</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 the VLE.</p>

Identify final assessment component and element	Practical skills assessment	
% weighting between components A and B (Standard modules only)	A: 100%	B: 0%
First Sit		
Component A (controlled conditions) Description of each element	Element weighting	
1. Practical skills assessment	100%	
Component B Description of each element	Element weighting	
1. Evidence of completion of 10 skill development sessions	Pass/Fail	

Resit (further attendance at taught classes is not required)	
Component A (controlled conditions) Description of each element	Element weighting
1. Practical skills assessment	100%
Component B Description of each element	Element weighting

1. Evidence of completion of 10 skill development sessions	Pass/Fail
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.	