




Module Specification

Part 1: Identification					
Module Title	Measuring Equine Behaviour and Welfare				
Module Code	HEQVFY-30-5	Level	5	Version	1.0
Department	Equine	Credit Rating	30	ECTS Credit Rating	15
Contributes towards	BSc (Hons) Equine Behaviour and Welfare				
Pre-requisites	None	Module Type	Standard		
Excluded Combinations	None	Module Entry requirements	None		
Last Major Approval Date	17 May 2021	Valid from	1 st September 2021		
Amendment Approval Date		Revised with effect from			

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. Evaluate methods of assessing, measuring and interpreting data relating to the behaviour and welfare of equine species (A, B). 2. Assess published material and comment on research findings (B). 3. Recognise the health and safety and ethical implications of carrying out behavioural research (A, B). 4. Undertake an investigation of equine behaviour using the principles of the research process (B).
Syllabus Outline	<ul style="list-style-type: none"> • Implications of carrying out research, including health and safety and ethical considerations. • Research design – reliability and validity, individual differences and sample size, replication and pseudo-replication, hypothesis generation and testing. • Dissemination of information from the literature; analysis and interpretation of quantitative and qualitative data. • Data collection and recording media – appropriateness of data, ethograms, recording and sampling techniques, recording media, data handling methods. • Design of surveys and questionnaire-based studies and the advantages and disadvantages of their use. • Analysis of equine behaviour (could include spread of participation index, dominance hierarchies, association indices and maintenance of proximity). • Evaluate tools for assessing equine welfare (e.g. grimace scale).

Teaching and Learning Methods (and contact hours)	<p>A variety of learning strategies will be used including lectures, seminars, and practical sessions. During the lectures, students will receive theoretical underpinning knowledge, which they will be able to apply during seminars and practical sessions. Practical sessions will include activities in the classroom to support active learning by students.</p> <p>Students will be expected to engage in independent learning and complete a range of guided learning activities throughout the course of the module. 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>																																																		
Unistats Information	<p>The Office for Students (OfS) require Unistats information to be produced at programme level for all undergraduate programmes of more than one year in length. These 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><tr><td colspan="5">Expected learning hours for the module:</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td colspan="4">Number of credits for this module</td><td>30</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Hours to be allocated</td><td>Scheduled learning and teaching study hours</td><td>Independent study hours</td><td>Placement study hours</td><td>Allocated Hours</td><td></td></tr><tr><td>300</td><td>72</td><td>228</td><td>0</td><td>300</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></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> <p>Total assessment of the module:</p> <table><tr><td>Written exam assessment percentage</td><td>30%</td></tr><tr><td>Coursework assessment percentage</td><td>70%</td></tr><tr><td>Practical exam assessment percentage</td><td>0%</td></tr><tr><td></td><td>100%</td></tr></table>	Expected learning hours for the module:												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								Written exam assessment percentage	30%	Coursework assessment percentage	70%	Practical exam assessment percentage	0%		100%
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Reading Strategy	<p>Essential reading</p> <p>Essential material will be indicated to the student via pre-course material, module guides and throughout accessing a dedicated VLE programme presence. No requirement for the purchase of set text(s) will be made unless explicitly stated and students will have full access to library services, online applications and inter-library loans.</p> <p>Further reading</p> <p>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 catalogue, a variety</p>																																																		

	<p>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 the academic literature and wider professional sources.</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 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 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>Lehner, P.N. (current edition) <i>Handbook of ethological methods</i>. Cambridge: Cambridge University Press.</p> <p>Martin, P. and Bateson, P. (current edition) <i>Measuring Behaviour: an introductory guide</i>. Cambridge: Cambridge University Press.</p> <p>McCort, W.D. (1984) 'Behavior of Feral Horses and Ponies'. <i>Journal of Animal Science</i>. 58 pp. 493–499.</p> <p>McDonnell, S.M. (current edition) <i>The equid ethogram. A practical field guide to horse behavior</i>. Lexington, KY: Eclipse Press.</p> <p>McGreevy, P. (current edition) <i>Equine behavior: a guide for veterinarians and equine scientists</i>. Philadelphia, PA: Saunders.</p> <p>Tyler, S.J. (1972) 'The Behaviour and Social Organization of the New Forest Ponies'. <i>Animal Behaviour Monographs</i>. 5 (2), pp. 87–196.</p> <p>Waring, G. (current edition) <i>Horse behavior</i>. Norwich, NY: Noyes Publications.</p>

Part 3: Assessment	
Assessment Strategy	<p>This module will be assessed according to the approved Hartpury Academic Regulations including any specific regulations detailed within the student's programme specification.</p> <p>This will include an exam and a report.</p> <p>Students will be assessed in a series of in-class tests about their knowledge and understanding gained during the module. These tests can include short answer questions and multiple-choice questions to encourage both a breadth and depth of knowledge in the specific areas of the syllabus.</p> <p>For the report, students will conduct a small research project, in which they will analyse and interpret data within the context of equine behaviour and welfare. This will be written up as a research report.</p> <p>Formative assessment opportunities will be made available to students throughout the module. This may include (but is not limited to) online quizzes and in-class activities.</p> <p>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	A1	
% 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	
1. In-class tests series (equivalent to 1.5hrs)	100%	
Component B Description of each element		
1. Report (3000 words)	100%	
Resit (further attendance at taught classes is not required)		
Component A (controlled conditions) Description of each element	Element weighting	
1. In-class tests series (equivalent to 1.5hrs)	100%	
Component B Description of each element		
1. Report (3000 words)	100%	
If a student is permitted a retake of the module, the assessment will be that indicated by the Module Specification at the time that retake commences.		

Module Amendment Log

Module Title:	Measuring Equine Behaviour and Welfare
Module Code:	HEQVFY-30-5
Initial Approval Date:	17 May 2021
Initial module description for Course Information Sheets: Use of behavioural, physiological and physical measures of welfare and welfare assessment in different contexts.	

Changes:

Current version number: 0	
Outline Change Details: new module	
Approval Committee and Date:	CVC Chair's action 17 May 2021
Change approved with effect from:	01 September 2021
Resulting new version number:	1.0