University of the West of England
BRISTOL

CORPORATE AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data						
Module Title	Applied Equine Nutrition					
Module Code	UIEXR7-15-2		Level	2	Version	1
Owning Faculty	Hartpury College		Field	Equine Science		
Contributes towards	BA (Hons) Equine Business Management BA (Hons) Equine Business Management (SW) FdSc Equine Science and Management FdSc Equine Performance FdSc Equine Performance (SW) FdSc Equine Veterinary Nursing (SW) FdSc Veterinary Nursing Science (SW)					
UWE Credit Rating	15	ECTS Credit Rating	7.5	Module Type	Standard	
Pre-requisites	Equine Structure and Function (UIE XN4-30-1); OR Anatomy for Veterinary Nurses (UINXNP-30-1); OR Anatomy & Physiology (UINXGB-20-1)		Co-requisites	None		
Excluded Combinations	Equine Nutrition (UIEXRC-15-2)		Module Entry requirements	None		
Valid From	01 September 2014		Valid to	01 September 2020		

CAP Approval Date	29 May 2014

Part 2: Learning and Teaching	
Learning Outcomes	On successful completion of this module students will be able to: 1 Compare different methods to estimate body weight and condition utilising scientific research (A). 2 Evaluate different foodstuffs used in the horses' diet (A). 3 Review the links between diet, health and disease (A). 4 Appraise different dietary supplements (A).
Syllabus Outline	The module aims to provide the student with an underpinning knowledge of equine nutrition for maintenance and the working horse. The skill areas will include: 1 Forage: quality, types and importance within the diet. 2 Cereals: different cereal types and their nutritional value. 3 Supplements: different types of dietary supplements. 4 Ration formulation: weight and condition estimation, the use of mathematical equations, energy and protein requirements for different horses.

	Some of the above topics will be considered in line with but not exclusively to the current British Horse Society Horse Knowledge and Care Stages, awarded by Equestrian Qualifications GB Limited, levels one to three.
Contact Hours	Indicative delivery modes: Lectures, guided learning, seminars etc 33 Self directed study 3 Independent learning 114 **TOTAL** **150**
Teaching and Learning Methods	***Scheduled learning*** May include lectures, seminars, tutorials, project supervision, demonstration, practical classes and workshops; fieldwork; external visits; work based learning; supervised time in studio/workshop. ***Independent learning*** May include 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 you make. ***Virtual learning environment (VLE)*** 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.
Key Information Sets Information	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. **Key information set – module data** Number of credits for this module: 15 Hours to be allocated: 150 | Scheduled learning and teaching study hours: 36 | Independent study hours: 114 | Placement study hours: 0 | Allocated Hours: 150 The table below indicates as a percentage the total assessment of the module which constitutes: 1 *Written exam:* Unseen written exam, open book written exam, in-class test. 2 *Coursework:* Written assignment or essay, report, dissertation, portfolio, project. 3 *Practical exam:* Oral assessment and/or presentation, practical skills assessment, practical exam. 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: Total assessment of the module: Written exam assessment percentage 0% Coursework assessment percentage 0% Practical exam assessment percentage 100% 100%

Reading Strategy	Any essential reading will be indicated clearly, 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 in the module handbook. Further reading is advisable for this module, and students will be encouraged to explore at least one of the titles held in the library on this topic. A current list of such titles will be given in the module handbook and revised annually. ***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. ***Further readings*** Further reading will be required to supplement the set text and 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 the academic literature. ***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.
Indicative Reading List	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. • Frape, D., (Current Edition) *Equine Nutrition and Feeding.* UK: Blackwell Publishing Ltd. • Geor, R.J., Harris, P.A., and Coenen, M., (Current Edition) *Equine Applied and Clinical Nutrition Health, Welfare and Performance.* UK: Saunders Elsevier Ltd. • McDonald, P,. Edwards, R.A., Greenhalgh, J.F.D., Morgan, C.A., Sinclair, L.A., and Wilkinson, R.G., (Current Edition) *Animal Nutrition*. UK: Pearsons Education Ltd. • National Research Council,. (Current Edition) *Nutrient Requirements of Horses.* USA: National Academies Press. Journal: • Equine Veterinary Journal. • Veterinary Record. • Livestock Science. • Journal of Equine Veterinary Science. • Animal Science Feed and Technology. Websites: • National Research Council of The National Academies http://nrc88.nas.edu/nrh/ • British Equine Veterinary Association http://www.beva.org.uk/ • Department for Food & Rural Affairs http://www.gov.uk/defra • International Veterinary Information Service www.ivis.org

	The above sources give an indication of the area of study involved. Although students may be directed to some specific titles, they will also be encouraged to identify other relevant material for themselves.

Part 3: Assessment			
Assessment Strategy	The module is assessed using a practical examination to ascertain the students' knowledge and understanding of a range of topics and disorders covered within the syllabus. Students are encouraged to apply their knowledge at a number of stations under exam conditions. Students will also be given opportunities to reflect on their knowledge and understanding at the end of sessions. This will be through the use of question and answer sessions and through the use of the VLE. 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.		
Identify final assessment component and element	Practical examination.		
% weighting between components A and B (Standard modules only)		**A:**	**B:**
		100%	0%
First Sit			
Component A (controlled conditions) **Description of each element**		**Element weighting**	
1 Practical examination (1 hour)		100%	
Resit (further attendance at taught classes is not required)			
Component A (controlled conditions) **Description of each element**		**Element weighting**	
1 Practical examination (1 hour)		100%	
If a student is permitted an **EXCEPTIONAL RETAKE** of the module the assessment will be that indicated by the Module Description at the time that retake commences.			