



CORPORATE AND ACADEMIC SERVICES


MODULE SPECIFICATION

Part 1: Basic Data					
Module Title	Developments in Animal Science				
Module Code	UINV3G-15-3	Level	3	Version	1.1
UWE Credit Rating	15	ECTS Credit Rating	7.5	WBL module?	No
Owning Faculty	Hartpury	Field	Animal and Land Science		
Department	Animal and Land	Module Type	Standard		
Contributes towards	BSc (Hons) Animal Behaviour and Welfare 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) BSc (Hons) Applied Animal Science with Therapy BSc (Hons) Applied Animal Science with Therapy (SW) BSc (Hons) Bioveterinary Science BSc (Hons) Conservation (Top-up) BSc (Hons) Veterinary Nursing Science (SW) MSci Animal Behaviour and Welfare				
Pre-requisites	None	Co- requisites	None		
Excluded Combinations	None	Module Entry requirements	None		
Valid From	01 September 2016	Valid to	01 September 2021		

CAP Approval Date	15 December 2014
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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. Critically evaluate a range of developments in animal science. (A) 2. Apply recent developments in animal science to a range of animal-based industries. (A) 3. Integrate current theories and knowledge to develop novel solutions to industry-based problems. (A) 4. Evaluate the importance of multi-discipline research in the field of animal science. (A)

<p>Syllabus Outline</p>	<p>Given the nature of this module, in that it deals with current issues and developments, it is difficult to specify topics but the following aspects of the subject are likely to be covered:</p> <ul style="list-style-type: none"> • Nutrition • Reproductive technology • Supplementary therapies • Disease control and limitation • Behavioural research • Invasive species • Zoo based research • Climate change impacts • Biomechanics <p>Topics will comprise a wide range of species, typically including livestock, wildlife, companion species and exotics.</p>								
<p>Contact Hours</p>	<p>Indicative delivery modes:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding-left: 20px;">• Lectures, guided learning, seminars etc.</td> <td style="text-align: right;">33</td> </tr> <tr> <td style="padding-left: 20px;">• Self-directed study</td> <td style="text-align: right;">3</td> </tr> <tr> <td style="padding-left: 20px;">• 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 study	3	• Independent learning	114	TOTAL	150
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• Self-directed study	3								
• Independent learning	114								
TOTAL	150								
<p>Teaching and Learning Methods</p>	<p>A variety of learning strategies will be used including lectures (33 hours) and self-directed study (3 hours). Students will be expected to engage in independent learning throughout the semester (114 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, project supervision, demonstration, practical classes and workshops; fieldwork; external visits; work based learning; supervised time in studio/workshop.</p> <p>Independent learning includes 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.</p> <p>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.</p>								
<p>Key Information Sets Information</p>	<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				
<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
				

The table below indicates as a percentage the total assessment of the module which constitutes a -

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

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	100%
Coursework assessment percentage	0%
Practical exam assessment percentage	0%
	100%

Reading Strategy

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 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.

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.

Given the nature of this module, in that it deals with current issues and developments, it is difficult to specify reading material for this module. Detailed reading will be provided in the module guide and during lectures.

Websites and databases;

- The British Society of Animal Scientists http://www.bsas.org.uk/animal_bytes/
- Centre for Agriculture and Biosciences International <http://www.cabi.org/>
- The Journal of Animal Science and Biotechnology <http://www.jasbsci.com/>

Part 3: Assessment

Assessment Strategy	<p>This module is summatively assessed by a 2 hour written exam. The exam requires students to assess a given case study/dataset and also produce appropriate responses to questions on a range of topics in a timed environment, communicating clearly and professionally on a range of applied topics. Students will be assessed on their ability to analyse and critically evaluate a wide breadth and depth of information and produce novel solutions to a range of problems.</p> <p>Formative assessment and feedback will take place through timetabled seminars and tutorials.</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>
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Identify final assessment component and element	Written 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. Written Examination (2 hour)	100%	

Resit (further attendance at taught classes is not required)		
Component A (controlled conditions) Description of each element	Element weighting	
1. Written Examination (2 hour)	100%	
<p>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.</p>		