



Module Descriptor

Title	Animal Nutrition and Care		
Session	2025/26	Status	Published
Code	BIOL08032	SCQF Level	8
Credit Points	20	ECTS (European Credit Transfer Scheme)	10
School	Health and Life Sciences		
Module Co-ordinator	Beric Gilbert		
Summary of Module			
<p>The Animal Nutrition and Care module provides essential knowledge on the dietary needs and overall well-being of animals focussing on the '5 freedoms' guidelines related to animal welfare.</p>			
<p>Effective feeding strategies and management are essential for maintaining animal health. The module discusses diet formulation, feeding schedules, and common nutritional disorders like deficiencies and obesity. Additionally, it emphasizes the importance of disease prevention through proper nutrition and care.</p>			
<p>Beyond nutrition, the module focuses on animal welfare, including proper housing, hygiene, exercise, and mental well-being. Sustainable feeding practices and ethical considerations, are also explored. By combining theoretical knowledge with practical applications, this module equips learners with the skills to ensure optimal health and care for animals.</p>			
<p>Overall, the module provides a comprehensive understanding of the science behind animal nutrition and care, helping students to ensure future optimal health and productivity, for various species, in relation to their chosen career paths.</p>			
<p>This is a core module for the B.Sc. (Hons) Animal Care and Zoology programme. Several graduate attributes are developed during this module including: critical thinking, being research and ethically minded, developing a knowledge base and effectively working both within a group and independently. The module relates to UN sustainable development goals 3, 4, 8, 11 and 12 related to good health and well-being, sustainable development and sustainable resource uses.</p>			

Module Delivery Method	On-Campus¹ <input checked="" type="checkbox"/>	Hybrid² <input type="checkbox"/>	Online³ <input type="checkbox"/>	Work -Based Learning⁴ <input type="checkbox"/>
Campuses for Module Delivery	<input type="checkbox"/> Ayr <input type="checkbox"/> Dumfries	<input checked="" type="checkbox"/> Lanarkshire <input type="checkbox"/> London <input type="checkbox"/> Paisley	<input type="checkbox"/> Online / Distance Learning <input type="checkbox"/> Other (specify)	
Terms for Module Delivery	Term 1 <input type="checkbox"/>	Term 2 <input checked="" type="checkbox"/>	Term 3 <input type="checkbox"/>	
Long-thin Delivery over more than one Term	Term 1 – Term 2 <input type="checkbox"/>	Term 2 – Term 3 <input type="checkbox"/>	Term 3 – Term 1 <input type="checkbox"/>	

Learning Outcomes	
L1	Be able to explain the key principles of animal health, welfare, and behavior in a variety of species - the five freedoms approach.
L2	Understand the best practices for housing, enrichment, and environmental management in animal care settings.
L3	Explain the principles of animal nutrition, including macronutrients, micronutrients, and water balance.
L4	Describe the impact of nutrition on animal health, reproduction, and performance.
L5	Apply ethical considerations in relation to animal nutrition and care.

Employability Skills and Personal Development Planning (PDP) Skills	
SCQF Headings	During completion of this module, there will be an opportunity to achieve core skills in:
Knowledge and Understanding (K and U)	SCQF 8 Display a significant level of knowledge in relation to animal nutrition and general animal care principles.
Practice: Applied Knowledge and Understanding	SCQF 8 Develop practical skills in relation to the laboratory analysis of animal foods/components and the ethical handling of living organisms.
Generic Cognitive skills	SCQF 8 Critically evaluate data/information in relation to animal feeding regimes and growth-rates.

¹ Where contact hours are synchronous/ live and take place fully on campus. Campus-based learning is focused on providing an interactive learning experience supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus contact hours will be clearly articulated to students.

² The module includes a combination of synchronous/ live on-campus and online learning events. These will be supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus and online contact hours will be clearly articulated to students.

³ Where all learning is solely delivered by web-based or internet-based technologies and the participants can engage in all learning activities through these means. All required contact hours will be clearly articulated to students.

⁴ Learning activities where the main location for the learning experience is in the workplace. All required contact hours, whether online or on campus, will be clearly articulated to students

Communication, ICT and Numeracy Skills	SCQF 8 Be able to use and evaluate numerical and graphical data in relation to animal nutrition and care.
Autonomy, Accountability and Working with Others	SCQF 8 Appreciate and be able to discuss professionally in groups, the ethical and professional issues associated with domestic and commercial animal care.

Prerequisites	Module Code	Module Title
	Other	
Co-requisites	Module Code	Module Title

Learning and Teaching	
<p>In line with current learning and teaching principles, a 20-credit module includes 200 learning hours, normally including a minimum of 36 contact hours and maximum of 48 contact hours.</p> <p>On-campus learning events focus on providing active and interactive learning, supported by readings, resources and other activities for students to prepare (pre-learning event) and consolidate learning (post-learning event)</p>	
Learning Activities	Student Learning Hours
During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:	(Note: Learning hours include both contact hours and hours spent on other learning activities)
Lecture / Core Content Delivery	24
Tutorial / Synchronous Support Activity	6
Laboratory / Practical Demonstration / Workshop	6
Independent Study	164
n/a	
n/a	
TOTAL	200

Indicative Resources
<p>The following materials form essential underpinning for the module content and ultimately for the learning outcomes:</p> <p>Journal articles and other relevant articles and resources will be made available on the VLE site for the module.</p>
<p>(N.B. Although reading lists should include current publications, students are advised (particularly for material marked with an asterisk*) to wait until the start of session for confirmation of the most up-to-date material)</p>

Attendance and Engagement Requirements

In line with the [Student Attendance and Engagement Procedure](#), Students are academically engaged if they are regularly attending and participating in timetabled on-campus and online teaching sessions, asynchronous online learning activities, course-related learning resources, and complete assessments and submit these on time.

For the purposes of this module, academic engagement equates to the following:

Regular engagement with timetabled teaching sessions, course-related learning resources including those in the VLE and completing assessments and submitting these on time.

Equality and Diversity

The University's Equality, Diversity and Human Rights Procedure can be accessed at the following link: [UWS Equality, Diversity and Human Rights Code](#).

In line with current legislation (Equality Act, 2010) and the UWS Equality, Diversity, and Human Rights Code, our modules are accessible and inclusive, with reasonable adjustment for different needs where appropriate. Module materials comply with University guidance on inclusive learning and teaching, and specialist assistive equipment, support provision and adjustment to assessment practice will be made in accordance with UWS policy and regulations. Where modules require practical and/or laboratory based learning or assessment required to meet accrediting body requirements the University will make reasonable adjustment such as adjustable height benches or assistance of a 'buddy' or helper.

(N.B. Every effort will be made by the University to accommodate any equality and diversity issues brought to the attention of the School)

Supplemental Information

Divisional Programme Board	Biological Sciences Health
Overall Assessment Results	<input type="checkbox"/> Pass / Fail <input checked="" type="checkbox"/> Graded
Module Eligible for Compensation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If this module is eligible for compensation, there may be cases where compensation is not permitted due to programme accreditation requirements. Please check the associated programme specification for details.
School Assessment Board	Biology
Moderator	TBC
External Examiner	TBC
Accreditation Details	
Module Appears in CPD catalogue	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Changes / Version Number	2

Assessment (also refer to Assessment Outcomes Grids below)

Assessment 1

Report of practical/ field/ clinical work (60%)

Assessment 2

Case Study (40%)

Assessment 3

(N.B. (i) Assessment Outcomes Grids for the module (one for each component) can be found below which clearly demonstrate how the learning outcomes of the module will be assessed.

(ii) An indicative schedule listing approximate times within the academic calendar when assessment is likely to feature will be provided within the Student Module Handbook.)

Component 1

Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
Report of practical/ field/ clinical work	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	60	0

Component 2

Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
Case study	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	40	0

Component 3

Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Combined total for all components						100%	0 hours

Change Control

What	When	Who