

MODULE SPECIFICATION PROFORMA

Module Title:	Husbandry	Level:	4	Credit Value:	20
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Module code:	ANM414	Is this a new module?	Yes	Code of module being replaced:	ANM408
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Cost Centre(s):	GAAN	JACS3 code:	C300
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With effect from:	September 17
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School:	Social & Life Sciences	Module Leader:	Fernando deMata
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Scheduled learning and teaching hours	50 hrs
Guided independent study	150 hrs
Placement	0 hrs
Module duration (total hours)	200 hrs

Programme(s) in which to be offered	Core	Option
FdSc Animal Studies	✓	<input type="checkbox"/>
BSc (Hons) Animal Science	✓	<input type="checkbox"/>

Pre-requisites
None

Office use only

Initial approval: June 17

APSC approval of modification: *Enter date of approval* Version: 1 [Click here to enter text.](#)

Module Aims

- 1) Provide students with knowledge and practical experience of correct husbandry techniques and management procedures for a wide range of captive animal species.
- 2) Investigate, assess and design accommodation (housing and enclosures) for a range of domestic, exotic and zoo animal species.
- 3) Equip students with industry relevant skills and practical competence.

Intended Learning Outcomes

Key skills for employability

- KS1 Written, oral and media communication skills
- KS2 Leadership, team working and networking skills
- KS3 Opportunity, creativity and problem solving skills
- KS4 Information technology skills and digital literacy
- KS5 Information management skills
- KS6 Research skills
- KS7 Intercultural and sustainability skills
- KS8 Career management skills
- KS9 Learning to learn (managing personal and professional development, self-management)
- KS10 Numeracy

At the end of this module, students will be able to

Key Skills

1	Understand and demonstrate correct animal husbandry techniques for a range of species, to include; small animals, domestic livestock and exotic species	KS1	KS3
		KS4	KS5
		KS6	
2	Investigate accommodation types and analyse their use	KS1	KS3
		KS4	KS5
		KS6	
3	Assess the implications of animal management on health and welfare	KS1	KS3
		KS4	KS5
		KS6	

Transferable skills and other attributes

Study skills, writing skills, presentation skills, team work, self-reflection, problem solving, time management, ICT skills, skills for work, independent working and communication skills

Derogations

N/A

Assessment:

Practical:

The student will be assessed on their knowledge and practical competence by demonstrating their ability to identify common breeds/species of captive animal and their purpose (where applicable), handle animals safely and discuss essential husbandry requirements in a practical scenario.

Report:

The student will produce a report that looks at the accommodation and management of a captive animal species and its implications on the health and welfare of the animal.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration (if exam)	Word count (or equivalent if appropriate)
1	1	Practical	40		1600
2	2,3	Report	60		2400

Learning and Teaching Strategies:

The module allows the student to develop their knowledge and understanding of animal husbandry and to gain practical experience with a wide range of animal species. Lectures, practical sessions and visits to local animal establishments will enable students to consolidate their practical experiences with appropriate husbandry theories. Use will be made of case study materials and guest speakers where appropriate.

Syllabus outline:

- Practical animal husbandry of small animals, domestic livestock and exotic species
- Handling and restraint
- Feeding and basic nutritional requirements
- Health maintenance
- Accommodation design considerations
- Cleaning and maintenance
- Health and safety
- Routine health care
- Environmental enrichment
- Behavioural issues in captive animal species
- Ethical issues surrounding the keeping of animals in captivity
- Animal Welfare

Bibliography:

Essential reading

Moore, P.H and Hughes, A. (ed) (2007) BSAVA Manual of Practical Animal Care. British Small Animal Veterinary Association, London

Rees, P.A. (2011) An Introduction to Zoo Biology and Management. Wiley-Blackwell, Oxford

Webster, J. (ed) (2011) Management and Welfare of Farm Animals: The UFAW farm handbook 5th edition Wiley-Blackwell, Oxford.

Young, R.J. (2003) Environmental Enrichment for captive animals. Blackwell publishing, Oxford.

Other indicative reading

Campbell, J.R, Kenealy M.D & Campbell K.L. (2010) *Animal Sciences – The Biology, Care and Production of Domestic Animals, 4th edition*, McGraw-Hill Higher Education, Boston.

Campbell, K.L & Campbell J.R. (2008) *Companion animals: Their Biology, Care, Welfare and management*. Pearson Prentice Hall, Harlow.

Ekarius, C., (2004) *How to Build Animal Housing: 60 Plans for Coops, Hutches, Barns, Sheds, Pens, Nest Boxes, Feeders, Staunchions and Much More*. Storey Books, North Adams.

Waran, N.(ed) (2007) *The Welfare of Horses*. Springer Publishing Ltd, New York

Reference will also be made to contemporary research articles from journals and other resources such as:

- Applied Animal Behaviour Science
- Animal Welfare
- British & Irish Association of Zoos and Aquariums <http://www.biaza.org.uk>
- British Veterinary Nursing Association
- Veterinary nursing journal
- Veterinary record
- Veterinary Times
- Association for the study of animal behaviour <http://asab.nottingham.ac.uk/>
- Association of pet behaviour counsellors. <http://www.apbc.org.uk/>
- Pet care trust <http://www.petcare.org.uk>
- Kennel Club <http://www.thekennelclub.org.uk>