

Animal Welfare

Module Information

2022.02, Approved

Summary Information

Module Code	6215NATSCI
Formal Module Title	Animal Welfare
Owning School	Biological and Environmental Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Biological and Environmental Sciences

Learning Methods

Learning Method Type	Hours
Lecture	16
Off Site	8
Practical	7
Seminar	7
Tutorial	2
Workshop	11

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	12 Weeks

Aims and Outcomes

Aims	To provide knowledge and understanding of the behaviour and welfare of captive animals that can be applied to effective management.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	examine and interpret physical, behavioural and physiological indicators to assess the welfare of captive animals
MLO2	2	critically discuss the effect of captivity and management practices on animal welfare and the frameworks by which we aim to maximise welfare (e.g. five freedoms)
MLO3	3	use integrative skills to develop realistic solutions to welfare challenges and present solutions via a seminar presentation

Module Content

Outline Syllabus	Measuring, understanding and applying aspects of animal welfare to the management of wild (zoo/wildlife park) and domestic (farm/lab) animals in captivity. Introduction to the welfare of captive animals; animal welfare legislation, ethics and codes of practice; definitions of welfare. Assessment of welfare: physical (e.g. condition scores), behavioural (e.g. stereotypes, abnormal behaviour), physiological (e.g. stress hormones, heart rate) and psychological (e.g. cognitive bias) indicators of welfare. Welfare and behaviour in relation to nutrition, diseases, and parasite infection. Enclosure design, use & behaviour in the context of animal welfare; behavioural problems and possible solutions (e.g. environmental enrichment); effect of group formation, density (e.g. overcrowding) and composition on behaviour. Effect of management regimes and visitors on welfare. Introduction to grazing and farm animals in conservation management. Implications for possible conservation/animal welfare conflicts.
Module Overview	This module enables you to understand the importance of behaviour and welfare to the effective management of a range of captive animals (wild and domestic). Behavioural problems are identified and possible methods of solving or ameliorating are considered.
Additional Information	This module explains the importance of behaviour and welfare to the effective management of a range of captive animals (wild & domestic). Potential welfare problems are identified and possible methods of solving or ameliorating are considered.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Centralised Exam	Examination	40	2	MLO2, MLO1
Presentation	Group presentation	60	0	MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Claudia Mettke-Hofmann	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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