

Summary Information

Module Code	3501YAUZOO
Formal Module Title	Fundamentals of Zoology
Owning School	Biological and Environmental Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 3
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
Yunnan Agricultural University

Learning Methods

Learning Method Type	Hours
Lecture	56
Practical	24

Module Offering(s)

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

Aims and Outcomes

Aims	Fundamentals of Zoology is the study of animal development and classification from the whole organism to tissues and structures. The main purpose is to master the basic knowledge and theory of zoology, to study the morphological structure, classification and adaptability to the environment. Through theoretical study and experimental observation of animal histology and embryology, students can strengthen the training of basic theory, knowledge and skills of development to understand the micro-structure of animals and distinguish structures and tissues under the microscope.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Understand the basic concepts and theories of zoology, classification, reproduction and development of animals
MLO2	2	Understand the characteristics, classification and representative animals of the main categories of lower invertebrates, higher invertebrates, lower vertebrates and higher vertebrates
MLO3	3	Understand the basic concepts, theories, principles and research methods of animal histology and embryology
MLO4	4	Understand the concepts, theories, structure and micro-structure, organisation and function of cells and tissues and organs

Module Content

Outline Syllabus	Zoology is a basic discipline that studies the morphological structure, classification, development of animals as well as the adaptability of life and interactions with the environment. The course introduces the characteristics, classification and representative animals of the main categories of invertebrates and vertebrates. Reproduction and individual development of animals are studied with a focus on histology and embryology of cells, organs and tissues.
Module Overview	
Additional Information	This module helps individuals to develop an understanding of Animal Histology and Embryology Development methods, and gain an understanding of the evolution and development of the animal kingdom, master the characteristics and classification of the main animal categories and better understand the relationship between animals. Students will also acquire preliminary scientific research ability and master professional basic theories and knowledge of animal medicine.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Exam	Exam 1	30	2	MLO1, MLO2, MLO3
Exam	Exam 2	30	2	MLO1, MLO2, MLO3
Report	Experimental Results 1	15	0	MLO1, MLO2, MLO4
Report	Experimental Results 2	15	0	MLO1, MLO4

Practice	Proficiency in Lab skills 1	5	0	MLO1, MLO2, MLO4
Practice	Proficiency in Lab skills 2	5	0	MLO1, MLO2, MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Rachael Symonds	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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