

Module Information

2022.01, Approved

Summary Information

Module Code	4504YAUZOO
Formal Module Title	Professional training: laboratory Skills in Animal Medicine
Owning School	Biological and Environmental Sciences
Career	Undergraduate
Credits	10
Academic level	FHEQ Level 4
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
Practical	64

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-PAR	PAR	January	12 Weeks

Aims and Outcomes

Aims	This course is an important practical teaching link in the teaching program of animal medicine. It is an independent experimental compulsory course. It is a comprehensive experimental course based on the students who have completed the professional basic course.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Analyse the physiological constants and pathological fluctuations of animals, check methods of animal physiological constants, and their application in disease diagnosis
MLO2	2	Master the techniques and methods of animal anatomy and pathology
MLO3	3	Understand the relationship between animal microbiology and animal diseases and the application of immunological techniques in the diagnosis of animal diseases
MLO4	4	Apply molecular biology experimental techniques and technology in animal disease diagnosis
MLO5	5	Have the ability to consult the literature, formulate experimental schemes, complete experiments independently, and comprehensively analyse and summarise the experimental results, and be able to exchange statements

Module Content

Outline Syllabus	This practical course covers the following sections: poultry inspection and training operation, poultry castration and necropsy experiments, pig inspection and training operation, castration and autopsy experiments of pigs, collection, storage, packaging and transportation of sick materials, laboratory diagnosis of bacterial infectious diseases in animals, laboratory diagnosis of animal viral infectious diseases.
Module Overview	
Additional Information	This is a practical course that will teach students various basic laboratory skills through practice and observation.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Practice	Experimental practice	40	0	MLO1, MLO2, MLO3, MLO4, MLO5
Report	Experimental report	20	0	MLO1, MLO2, MLO3, MLO4, MLO5
Practice	Lab skills test	40	0	MLO1, MLO2, MLO3, MLO4, MLO5

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings

Rachael Symonds	Yes	N/A
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Partner Module Team

Contact Name	Applies to all offerings	Offerings
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