

Summary Information

Module Code	6504YAUZOO
Formal Module Title	Obstetrics
Owning School	Pharmacy & Biomolecular Sciences
Career	Undergraduate
Credits	10
Academic level	FHEQ Level 6
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	36
Practical	12

Module Offering(s)

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

Aims and Outcomes

Aims	Veterinary obstetrics is a professional course for students who major in animal medicine .The aim of this course is to enable students to understand the research content, history of veterinary obstetrics and application in animal husbandry and offer capacity of basic theoretical knowledge and obstetric clinical skills of veterinary obstetrics; to master the characteristics of common obstetric diseases in livestock, to understand the current problems and future research directions of the subject, and to lay a solid foundation for future clinical work. Through experiment and clinical teaching practice, students can master the normal operation and basic diagnosis and treatment skills of veterinary obstetrics physiology and common obstetrical diseases.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Students will be come familiar with the production, action site and mechanism of reproductive hormones, master the physiological function and clinical application of common reproductive hormone.
MLO2	2	Understand and master the basic obstetrical theory of oestrous, fertilizing, pregnancy and delivery in livestock.
MLO3	3	Gain proficiency in obstetrical clinical skills such as maternal pregnancy diagnosis, reproductive organ rectal examination, ultrasound diagnosis, maternal dystocia surgery and caesarean section.
MLO4	4	Master the causes, clinical characteristics, diagnosis and treatment of common obstetrical diseases in each stage of livestock reproductive process

Module Content

Outline Syllabus	The main contents of this course include the concept, content, task and development trend of animal science. The concepts of endocrine, hormone, reproductive hormone, exocrine and cytokine, the source, nature, physiological function and clinical application of various reproductive hormones. The occurrence, development and regulation of reproductive function of female livestock. The reproductive physiology of fertilisation, pregnancy, and delivery. Basic concepts, theories, principles, development trends and technical links of artificial inductination, embryo segmentation, nuclear transfer, cloning, cell cloning, animal cloning, sex control, in vitro embryo production technology, transgenic technology. A disease during pregnancy, a disease during delivery, a disease at the end of labour. Cause, diagnosis, treatment and prevention. Etiology, characteristics and treatment of sterility in female and male animals and comprehensive measures for prevention and treatment of sterility. The anatomical and physiological characteristics and nursing care of newborn animals, the etiology and management of neonatal livestock diseases, the anatomical and physiological structure of breast, the etiology, classification, diagnosis, prevention and treatment of mastitis in dairy cows.
Module Overview	
Additional Information	Through study of this subject, students majoring in animal medicine will master the basic theory of animal reproductive physiology, reproduction technology and the characteristics of reproductive diseases, diagnosis and treatment methods, and through practical teaching, students will be able to perform normal operation, diagnosis and treatment skills of common obstetrical diseases.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
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Exam	Written exam	70	2	MLO1, MLO2, MLO3, MLO4
Test	Test	30	0	MLO1, MLO2, MLO3

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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