Liverpool John Moores University

Title:	Animal Quarantine and Drug Residue Detection
Status:	Definitive
Code:	**5503YAUZOO** (127947)
Version Start Date:	01-08-2021
Owning School/Faculty:	Biological and Environmental Sciences
Teaching School/Faculty:	Yunnan Agricultural University

Team	Leader
Rachael Symonds	Y

Academic Level:	FHEQ5	**Credit Value:**	20	**Total Delivered Hours:**	118
Total Learning Hours:	200	**Private Study:**	82		

Delivery Options
Course typically offered: Semester 1

Component	Contact Hours
Lecture	92
Practical	20

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Exam	Written exam covering lecture material for law in animal health	23	2
Test	Test	In class test covering law in animal health	10	
Test	Test	In class experimental test in drug residue detection	10	
Exam	Exam	Written exam in drug residue detection	24	2
Test	Test	In class test in quarantine and inspection	10	
Exam	Exam	Written exam in quarantine and inspection	23	2

Aims

This course introduces the theoretical system and regulations of law in animal health in China and knowledge of the World Organization for Animal Health, international animal health code and animal quarantine rules in the World Trade Organization. Aiming to enable students to abide by the law in their future work, this module has great significance for the health of sustainable development of animal husbandry in China and normal advancing of international trade. The teaching enables students to master the basic theory of animal quarantine, the basic procedure, basic method and treatment technology of animal quarantine diseases on animals and their products, so as to prevent the introduction or transmission of animal diseases and zoonoses, and thus ensure the normal trade of animals and their products. Veterinary drug residue detection plays an important role in animal medicine. Students will study drug residue theory and drug residues detection instruments and technology, veterinary medicine management.

Learning Outcomes

After completing the module the student should be able to:

1	Analyse the theoretical system and regulations of law in animal health in China.
2	Understand World Organization for Animal Health, international animal health code and animal quarantine rules in the World Trade Organisation
3	Master domestic animal quarantine methods and related laws and regulations, procedures, contents and related policies and regulations of animal and product import and export quarantine inspection.
4	Understand and apply practical knowledge of key quarantine and treatment measures of zoonoses.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Written exam	1	2	3	4
Practical experimental test	1	2	3	4
Practical experimental test	1	2	3	4
Written exam	1	2	3	4
Practical experimental test	1	2	3	4
Written exam	1	2	3	4

Outline Syllabus

The main teaching contents of this course include the basic concepts, functions and characteristics of animal quarantine and inspection. General methods for animal quarantine and inspection, modern biological techniques for animal quarantine inspection and treatment of animal quarantine. The main points of quarantine and

treatment of various common animal epidemics. Methods and procedures for the supervision of origin quarantine, slaughter quarantine, transportation quarantine and market quarantine, entry quarantine, exit quarantine, transit quarantine and quarantine of means of transport, international trade and animal quarantine inspection. The theoretical system of veterinary administrative regulations in China, the regulations of animal epidemic prevention , entry & exit animal quarantine, livestock and poultry management, feed management, and veterinary drug management and related cases analysis and the rules of World Organization for Animal Health, international animal health code and animal quarantine in World Trade Organization. Common animal drug detection technology and management will also be taught.

Learning Activities

The module content will be delivered through methods of classroom teaching, heuristic teaching, practical experimental teaching and case teaching to promote hands on ability in the laboratory and the achievement of learning goals.

Notes

Through undergraduate study, students majoring in animal medicine are required to master the basic procedures, methods and treatment techniques of animal and its products for various epidemic quarantine, detection of drug residues so as to effectively prevent, control and exterminate animal epidemics.