

## Course Description of the Animal diseases

1.Course Name					
Animal diseases					
2.Course Code					
ANDI331					
3.Term / Year					
Second Semester 2023–2024					
4.Description Preparation Date:					
1/2/2024					
5.A. Available Attendance Forms					
learning in presence					
6.Number of Credit Hours (Total of Units					
2 theoretical + 3 practical/ 3.5 units					
7.Course administrator's name (mention all, if more than one name)					
Dr. Hanan Waleed Kasim Agwaan Alaa Shamil Fakhri Al-Allaf					
8.Course Objectives					
<ol style="list-style-type: none"> <li>1- Classification of diseases according to the duration of their spread, their causes, and the factors that contribute to the occurrence of the disease</li> <li>2- Identify the different diseases that affect large animals (ruminants)</li> <li>3- Knowledge of diseases that affect large animals, clinical signs, and methods of treating them</li> </ol>					
9.Teaching and Learning Strategies					
<ol style="list-style-type: none"> <li>1- Methods of using appropriate disinfectants to disinfect wool and animal fields</li> <li>2-Using insecticides to combat external parasites on animals</li> <li>3-Diagnosing diseases in the fields and how to treat them</li> </ol>					
10.Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject Name	Learning method	Evaluation Method
1	2 Theoretical	A1: The student learns about the classification of diseases	The relationship of animal diseases to livestock	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
	3 Practical	A7: The student understands microbiology pathological infection occurs	Microbiology that induced pathological infection	Short exams, assignments, discussions	Exams , assignment, discussions.

2	2 Theoretical	A2: The student learns about rinderpest	Viral diseases	Short exams, assignments, discussions	Exams , assignment, discussions.
	3 Practical	A 8: The student understands the classification diseases	disease classification	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
3	2 Theoretical	C1: Explains to the student the symptoms of Anthrax disease	Viral diarrhea in calves and lambs, bluetongue disease, sheep pox	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
	3 Practical	C5: Explains to the student the factors environment causing the disease	Disease-causing factors	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
4	2 Theoretical	C2: Explains to the student the signs of anthrax	Pseudo pox Cattle/bacterial diseases	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
	3 Practical	B9: Shows the student what happened disease	How the disease occurs	Laboratory work.	Exams , assignment, discussions.
5	2 Theoretical	B1: The student learns about vaccines given to animals	Intestinal poisoning (tetanus, intestinal sepsis)	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
	3 Practical	C6: Shows the student the animal's body's response to the occurrence of disease Or infection	The animal's body's response to the occurrence of disease or infection	Laboratory work.	Exams , assignment, discussions.

6	2 Theoretical	A3: The student understands what medicines and vaccines are	Mastitis, pneumonia, diarrhea of lambs	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
	3 Practical	A9: Explains to the student what it is Inflammation and bacterial cleaning	Inflammation and bacterial cleaning  Scientific trip	The student writes a report about what he saw In the scientific trip	Exams , assignment, discussions.
7	2 Theoretical	B3: Shows the student the methods of dosing	Salmonella in cows, hemorrhagic septicemia and fowl rot	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
	3 Practical	B10: The student learns about the different methods of administering medications	Different ways of giving medications	Laboratory work.	Exams , assignment, discussions
8	2 Theoretical	B4: Shows the student the methods of Dipping	Calf diphtheria, actinomycosis, bacillus mycosis	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
	3 Practical	B11: The student learns about appreciation Therapeutic dose	Estimating the therapeutic dose	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
9	2 Theoretical	B5: Shows the student how to vaccinate against foot-and-mouth disease	Thaleria, toxoplasmosis, trypanosomiasis	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.

	3 Practical	A10: The student understands what inherited immunity and acquired immunity are	Scientific trip	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
10	2 Theoretical	C3: Explains to the student the symptoms of Anthrax disease	Parasitic diseases (liver worms, lung worms)	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
	3 Practical	B12: Explains to the student the types Vaccines given to cows Sheep and horses	Laboratory work.	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
11	2 Theoretical	C4: The student is familiar with the method of vaccination Against sheep pox	Myiasis, mange, ticks and lice	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
	3 Practical	A11: The student learns about a vaccine Rinder pest, sheep pox vaccine	Laboratory work	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
12	2 Theoretical	B6: Shows the student how to dosing Against liver worms	Milk fever, poisoning by poisonous plants	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
	3 Practical	A12: The student gets to know Types of vaccine strains Newcastle	Newcastle chicken vaccine	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
13	2 Theoretical	B7: Shows the student how to take a dose against lung worms	Salt poisoning, poisoning with chemical and insecticides	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.

	3 Practical	C7: Explains to the student the importance of the Camboro vaccine	Camboro vaccine	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
14	2 Theoretical	A6: The student learns about phosphorus and arsenic poisoning	Phosphorus and arsenic poisoning	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
	3 Practical	C8: Explains to the student the importance of vaccination Chicken pox	chicken pox vaccine	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
15	2 Theoretical	B8: Shows the student how Ammonia and nitrates poisoning occurs	Ammonia poisoning, nitrate poisoning	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.
	3 Practical	C9: Explains to the student giving times of Merck vaccine Merck's vaccine	Merck vaccine	Auditory styles, writing style on the board, direct dialogue style.	Exams , assignment, discussions.

#### 11.Course Evaluation

No.	evaluation methods	Calendar Appointment (Week)	Score	Relative Weight%
1	Midterm test (theoretical and practical)	Week 9	25 Theoretical + 15 Practical	40 %
2	Final Practical Test	Practical Exams Week	20	20%
3	Final theoretical test	Theoretical Exam Week	40	40 %
4	Total		100	100%

#### 12.Learning and Teaching Resources

Required textbooks ( methodology if any)	Animal and poultry diseases, written by Dr. Sameh Hedayat Arslan Nizar Jabbar Musleh and Dr. Hisham Abdullah Bashi
Key References ( Sources)	

Recommended supporting books and references (scientific journals, reports... )	
E-References , Websites	



Alaa Shamil Fakhri Al-Allaf

**Instructor of practical subject**

CS Scanned with CamScanner



Dr. Hanan waleed kasim Agwaan

**Instructor of theoretical subject**



Head Of Department



Chairperson of the Scientific  
Committee

CS Scanned with CamScanner