

## Course description form

<b>1. Course name:</b>					
Animal health and diseases					
<b>2. Course Code:</b>					
ANHD345					
<b>3. Semester/Year</b>					
Semester (Spring Semester)					
<b>4. Date this description was prepared</b>					
1/2/2025					
<b>5. Available forms of attendance:</b>					
Presence + electronic					
<b>6. Number of study hours (total) / number of units (total)</b>					
75 hours 3.5units					
<b>7. Name of the course administrator</b>					
M. Nadia Muhammad Bashir (theoretical teacher) <a href="mailto:Nmb@uomosul.edu.iq">Nmb@uomosul.edu.iq</a>					
Eng. Raghad Nabil Daoud (practical teacher)					
<b>A- Cognitive objectives</b>					
1- Classification of diseases according to the duration of their spread, their causes, and the factors that contribute to the occurrence of the disease					
2- Identify pesticides and methods of using them					
3-Knowledge of diseases that affect large animals and poultry, clinical signs, and methods of treating them					
<b>B - The skills objectives of the course.</b>					
1- Methods of using appropriate disinfectants to disinfect eggs, wool, and animal fields					
2-Using insecticides to combat parasites on animals					
3-Diagnosing diseases in the fields and how to treat them					
<b>8. Teaching and learning strategies</b>					
1- Theoretical lectures					
2- Practical lessons					
3- Scientific reports and use of the Internet					
4- Field visits to animal fields					
<b>9. Course structure</b>					
<b>the week</b>	<b>hours</b>	<b>the unit or topic</b>	<b>Required learning outcomes</b>	<b>Learning method</b>	<b>Evaluation method</b>
First	2Theoretical practical 3	The student understands the importance of the environment	Theoretical: A Animal Health	Theoretical: Audio-visual methods	Short exams, assignments, discussions

		On animal health	And the environment Practical: B Animal management in field	using computers Writing style on Chalkboard style Direct dialogue Practical: The student learns ways to manage fields Animal	
Second	2Theoretical 3Practical	The student learns about the most important diseases and methods of diagnosing and treating them	Theoretical: A Disease and disease classification  Practical: A Examination of the head area	Theoretical: audio methods, And visual Writing style on Chalkboard style Direct dialogue Practical: The student examines the animal practically in the field	Short exams, assignments, discussions
Third	2Theoretical 3Practical	The student understands the meaning of quarantine and how to apply it	Theoretical: A Quarantine and veterinary Practical: A Forms of medications used to treat farm animals	audio methods, Writing style on Chalkboard style Direct dialogue Practical: Learn about the types of veterinary medicines	Short exams, assignments, discussions.

Fourth	2Theoretical 3Practical	The student learns about the types of disinfectants that are used to disinfect animal shelters	Theoretical: A Disinfection and disinfectants  Practical: A Examples of types of veterinary medicines	Auditory methods And visual Writing style on Chalkboard style Direct dialogue Practical: Learn about different types of medicines	Short exams, assignments, discussions.
Fifth	2Theoretical 3Practical	The student enumerates the most important types of pesticides used in animal fields	:Theoretical C Insecticides and their mechanism of action :Practical A Medicines used to treat external diseases	Theoretical: Audio-visual methods Writing style on Chalkboard style Direct dialogue Practical: The student learns how to use Pesticides	Short exams, assignments, discussions.
Sixth	2Theoretical 3Practical	The student learns about the most important parasites spread in Animal fields	Theoretical: A Quarantine and veterinary Practical: A Forms of medications used to treat farm animals	Theoretical: Audio-visual methods Show pictures With computers, it doesn't Matter Parasitology and identification on her Practical: The student watches	Short exams, assignments, discussions.




				The process of spraying and dipping	
Seventh	2Theoretical 3Practical	Scientific trip	Theoretical: C Scientific trip Practical: C Medicines given orally and glaucoma	Theoretical: The student writes a report About what he saw in The dining room	Short exams, assignments, discussions.
Eighth	2Theoretical 3Practical	The student recognizes the importance of Water, air and soil in Animal health	Theoretical: A The health importance of water, air and soil. Practical: A Antibiotics and their types	Theoretical: audio methods, Writing style on Chalkboard style Direct dialogue Practical: Learn the different ways to administer medications: (Methods of administering medications)	Short exams, assignments, discussions.
Ninth	2Theoretical 3Practical	The student understands the heat and effect of light on animal health	Theoretical: C The effect of heat and light on animal health Practical: A Bactericidal antibiotic	Theoretical: Auditory methods And visual Writing style on Chalkboard style Direct dialogue  Practical: visit to the fields	Short exams, assignments, discussions.


Tenth	2Theoretical 3Practical	Recognizes and diagnoses the most important infectious diseases	Theoretical: A Pathological infections and infectious diseases Rinderpest and foot-and-mouth disease Practical: A antifungals	Theoretical: Using audio-visual methods data show (data show) style Direct dialogue  Practical: The student learns about the most important antibiotics	Short exams, assignments, discussions.
Eleventh	2Theoretical 3Practical	The student gets to know Disease and methods of treatment	Theoretical: A I get sick with sheep pox and rabies  Practical: C The process of vaccination or immunization against diseases	Theoretical: Auditory methods And visual Writing style on Chalkboard style Direct dialogue Practical: The student learns methods of immunization against diseases	Short exams, assignments, discussions.
Twelfth	2Theoretical 3Practical	The student is familiar with the causes of these diseases and methods of treating and preventing them	Theoretical: A Liver and lung worm disease Practical: C dosage against liver	Theoretical: Audio-visual methods And writing style Chalkboard style Direct dialogue	Short exams, assignments, discussions.

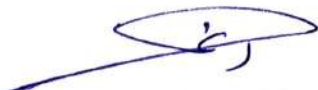
			and lung worms	Practical: Learn about the causes of this disease and its prevention	
Thirteenth	2Theoretical 3Practical	The student gets to know The causes of these diseases And methods of treating it	Theoretical: A Blood parasitic disease (protozoa) (Theileria, Babesia).  Practical: A Rumen distension (bloat), clinical signs and treatment	Theoretical: Audio-visual methods And writing style Chalkboard style Direct dialogue  Practical: Learn about the causes of this disease and its prevention	Short exams, assignments, discussions.
Fourteenth	2Theoretical 3Practical	The student gets to know The causes of these diseases And methods of treating it	Theoretical: A Camboro disease, Newcastle chicken. Practical A The state of satiety, clinical signs and treatment	Audio-visual methods And writing style Chalkboard style Direct dialogue Practical: Learn about the causes of this disease and its prevention	Discussions and dialogue
Fifteenth		The student gets to know The causes of these diseases	Theoretical: audio-visual methods	Theoretical: audio-visual methods	He writes a report about what he saw during the visit



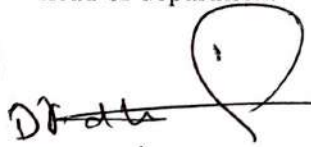
		And methods of treating it	And writing style Chalkboard  Direct dialogue Practical: Identifying methods of vaccination And vaccines	And writing style Chalkboard  Direct dialogue Practical: Identifying methods of vaccination And vaccines	
<b>10. Course evaluation</b>					
1- Written tests					
2- Oral exams					
3- Reports					
4- Discussions					
<b>11. Learning and teaching resources</b>					
Animal and poultry diseases, written by Dr. Sameh -1 .Hedayat Arslan, Nizar Jabbar Musleh, and Dr Hisham Abdullah Bashir Animal health, written by Dr. Abdel Moez Ahmed-2 Ismail			Required textbooks (methodology, if any)		
			Main references (sources)		
Lectures and books published in Iraqi universities			Recommended supporting books and references. (...scientific journals, reports)		
Agricultural sites specialized in raising dairy cows			Electronic references, Internet sites		

  
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