

## Course Description Form

<b>1. Course Name:</b>	
Zoonotic diseases	
<b>2. Course Code:</b>	
VEC4107	
<b>3. Semester / Year:</b>	
2nd semester / Year 4	
<b>4. Description Preparation Date:</b>	
13/02/2024	
<b>5. Available Attendance Forms:</b>	
Physically in Lecture Hall + Google classroom	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
(semester=15 weeks) * (theory 2 hours/week) = total 30 hours/semester (number of units = theory 2 units = total 2 units)	
<b>7. Course administrator's name (mention all, if more than one name)</b>	
Name: Assist. Lecturer Luay Jumaah Jihad Email: Luay.Jumaah@uokirkuk.edu.iq	
<b>8. Course Objectives</b>	
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>Knowing the epidemiology of zoonotic diseases</li> <li>Develop methods of dealing and diagnosing these diseases using modern technologies and analyzing vital data to develop plans to combat and prevent these diseases with the aim of raising the animal's health efficiency and productivity in an economical way.</li> <li>How to spread awareness and prevention of these diseases among community members</li> <li>Conduct advanced research and scientific projects in the field of animal health and common diseases.</li> <li>Develop strategies to raise awareness, combat these diseases, and prevent their occurrence in cooperation with local and international bodies</li> </ul>
<b>9. Teaching and Learning Strategies</b>	
<b>Strategy</b>	<ul style="list-style-type: none"> <li>Explanation and clarification through lectures</li> <li>Displaying scientific materials using data-show devices and smart boards.</li> <li>Self-education by preparing laboratory reports on zoonotic diseases.</li> </ul>
<b>10. Course Structure</b>	

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
One	4	Understand the topic, apply experiments correctly, and write down the results	Introduction to the zoonosis	Observation, meticulous explanation and experimentation	Direct observation and written tests/exercises
Two	4	Understand the topic, apply experiments correctly, and write down the results	Principles of zoonosis recognition	Observation, meticulous explanation and experimentation	Direct observation and written tests/exercises
Three	4	Understand the topic, apply experiments correctly, and write down the results	Principles of zoonosis control and prevention,	Observation, meticulous explanation and experimentation	Direct observation and written tests/exercises
Four	4	Understand the topic, apply experiments correctly, and write down the results	Viral zoonosis: FMD, Bovine viral diarrhoea, Foot and mouth disease, Stomatitis, Capripox, Orf, Pseudocowpox	Observation, meticulous explanation and experimentation	Direct observation and written tests/exercises
Five	4	Understand the topic, apply experiments correctly, and write down the results	Argentine Hemorrhagic fever, Crimean-Congo Hemorrhagic fever, Ebola Hemorrhagic fever, Rift valley fever, Viral hepatitis type, vitamin deficiency A, B, C, D, E.	Observation, meticulous explanation and experimentation	Direct observation and written tests/exercises
Six	4	Understand the topic, apply experiments correctly, and write down the results	Eastern, Venezuelan and Western equine encephalitis	Observation, meticulous explanation and experimentation	Direct observation and written tests/exercises
Seven	4	Understand the topic, apply experiments correctly, and write down the results	Louping - ill, Mad cow disease	Observation, meticulous explanation and experimentation	Direct observation and written tests/exercises

Eight	4	Understand the topic, apply experiments correctly, and write down the results	Rabies , California encephalitis, Colorado tick fever	Observation, meticulousne explanation a experimental n	Direct observation and written tests/exercises
Nine	4	Understand the topic, apply experiments correctly, and write down the results	West Nile fever, Yellow fever, Nairobi sheep disease	Observation, meticulousne explanation a experimental n	Direct observation and written tests/exercises
Ten	4	Understand the topic, apply experiments correctly, and write down the results	Influenza ( swine and equine )	Observation, meticulousne explanation a experimental n	Direct observation and written tests/exercises
Eleven	4	Understand the topic, apply experiments correctly, and write down the results	Newcastle disease, Psittacosis, fever	Observation, meticulousne explanation a experimental n	Direct observation and written tests/exercises
Twelve	4	Understand the topic, apply experiments correctly, and write down the results	Bacterial zoonosis, Anthrax, Listeriosis, Leptospirosis, Lepracy	Observation, meticulousne explanation a experimental n	Direct observation and written tests/exercises
Thirteen	4	Understand the topic, apply experiments correctly, and write down the results	Botulism, Brucellosis, Campylobacteriosis	Observation, meticulousne explanation a experimental n	Direct observation and written tests/exercises
Fourteen	4	Understand the topic, apply experiments correctly, and write down the results	Tuberculosis	Observation, meticulousne explanation a experimental n	Direct observation and written tests/exercises
Fifteen	4	Understand the topic, apply experiments correctly, and write down the results	Clostridium perfringens food poisoning, Streptococcus, Staphylococcus	Observation, meticulousne explanation a experimental n	Direct observation and written tests/exercises
<b>11.Course Evaluation</b>					
Annual quest 40%				Final exam 60%	

Quiz 4%	Reports 4%	Discutions 2%	Monthly exam 30%	Theory exam 60%
12.Learning and Teaching Resources				
Required textbooks (curricu books, if any)			Not specified	
Main references (sources)			Handbook of Zoonoses Identification and Prevention; Dennis M. McCurnin. (2007)	
Recommended books and references (scientific journals, reports...)			Textbook of Zoonoses; Jasbir Singh Bedi, Deepthi Vijay, Pankaj Dhaka. (2022)	
Electronic References, Websites			World Organization for Animal Health, ResearchGate, google search.	