

# TEMPLATE FOR COURSE SPECIFICATION

## HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

### COURSE SPECIFICATION

This course description provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the student to achieve, demonstrating whether he has made maximum use of the available learning opportunities. It must be linked to the description of the program.

1. Teaching Institution	Kirkuk University/ College of Veterinary Medicine
2. University Department/Centre	Medicine& preventive branch
3. Course title/code	Infectious diseases& Epidemiological /CVM4103/CVM4203
4. Modes of Attendance offered	Fourth year students
5. Semester/Year	first and second semesters (2022-2023)
6. Number of hours tuition (total)	Second semester 45hours
7. Date of production/revision of this specification	1/2/2023
8. Aims of the Course	Providing students with the basic concepts and experience necessary to prepare them as veterinarians and teaching veterinary students the Infectious& Epidemiological
	2. The study of, the Infectious& Epidemiological disease seek the important disease and effected to the environment& economy.
	which is one of the basics of veterinary clinical, as it aims to study the clinically,differential diagnosis ,treatment and control of disease which their relationship to the animal body on the other.
	4. study of Spreading the endemic and epidemic of important disease.

## 9. Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Cognitive goals . A1- Teaching the student the concept of infectious and epidemiological disease principles

A2- Knowledge, understanding and comprehension of the scientific subject curriculum

A3- To classify the theoretical for the development of learning and teaching in the appropriate manner with the veterinary clinic

A4- Identifying the pathogenicity of the diseases to the animal's body.

A5 – Identify clinical signes , diagnosis, treatment and control of diseases.

A 6- Studying the definition and causes agent of disease and laboratory diagnosis of these disease.

B. The skills goals special to the course.

B1 - Teaching the student how to know the infectious diseases.

B2 - Teaching the student the methods of diagnosis and prognosis of diseases that affect animal life.

B3 - Teaching the student the techniques of optical measurement devices for the purpose of diagnosis of diseases.

#### Teaching and Learning Methods

1- Methods of diction: a teacher who listens to the learners while they sit in front of him, and they listen to him, and he must have the ability to indoctrinate and absorb information.

2- Conversational methods: the teacher must possess a high scientific ability and the attendees have information on the topic of the discussion and dialogue.

3- The discovery method: the teacher observes the activities of the learners conducting the experiments individually or collectively.

4- Active methods: the learner performs individual or group activities and the teacher takes the learner's hand towards learning in practical life inside and outside the walls of the educational institution and to come into contact with the vocabulary of practical life, which gives meaning to real learning.

#### Assessment methods

1. Semester and final theory exams by 95%

2. Evaluation of extra-curricular activities (reports, posters and homework) by 5%

4. Learning triangle

5. Daily exams

10. Course Structure/first semester					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	3		Introduction of infectious&contagious	Theoretical (3 hours)	
2	3		Enzootic abortion in sheep&Glander	Theoretical (3 hours))	
3	3		Actinomycosis and Actinobacillosis	Theoretical (3 hours)	
4	3		TB and john's disease. Oral and laryngeal necrobacillosis	Theoretical (3 hours)	
5	3		Winter dysentery of cattle Diseases caused by Hemophilus and Moraxella spp	Theoretical (3 hours)	
6	3		Pasteurellosis and HS	Theoretical (3 hours))	
7	3		Black leg , Black disease , Tetanus , Enterotoxaemia , Botulism,	Theoretical (3 hours)	
8	3	<b>Mid-term exam.</b>		Theoretical (2 hours)	Theoretical (35) and + reports (5)
9	3		Bacillary hemoglobinuria & Braxy	Theoretical (3 hours)	
10	3		bovine pyelonephritis & Caseous lymphadenitis of sheep	Theoretical (3 hours)	
11	3		Ulcerative lymphangitis & Foot rot and Mastitis	Theoretical (3 hours)	
12	3		Anthrax, Salmonllosis & Colibacillosis	Theoretical (3 hours)	
13	3		Brucellosis , Listerosis & Leptospirosis	Theoretical (3 hours)	
14	3		Strangles & Epizootic lymphangitis	Theoretical (3 hours))	
15		<b>Final-term exam.</b>			Theoretical and practical exams (60)

10. Course Structure (second semester)					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	3		FMD,RP&PPR	Theoretical (3	

				hours)	
2	3		BVD, vesicular stomatitis & MCV	Theoretical (3 hours)	
3	3		African horse sickness	Theoretical (3 hours)	
4	3		Equine anemia, equine arteritis & equine influenza	Theoretical (3 hours))	
5	3		Equine viral pneumonia & encephalitis in horse	Theoretical 3 hours)	
6	3		Pox, blue tongue	Theoretical (3 hours)	
7	3		Rabies & prion	Theoretical (3 hours)	
8		<b>Mid-term exam.</b>		Theoretical (3 hours)	Theoretical (35) and reports (5)
9	3		Diseases associated with protozoa Diseases associated with trypanosomes Babesiosis, theileriosis & anaplasma	Theoretical (3 hours)	
10	3		Diseases associated with helminth parasites. Nematode diseases, trematodes and cestodes	Theoretical (3 hours)	
11	3		helminth parasites Nematode diseases of the alimentary tract Nematode diseases of other organs, Diseases associated with trematodes and cestodes	Theoretical (3 hours)	
12	3		Diseases associated with arthropod parasites, Tick infestations, Miscellaneous flies, midges and mosquitoes & Mite infestations	Theoretical (3 hours))	
13	3		Coccidioidomycosis Histoplasmosis Rhinosporidiosis Cryptococcosis	Theoretical (3 hours)	
14	3		Aspergillosis, candidiasis, zygomycosis, and malasseziosis Aspergillosis in horses	Theoretical (3 hours)	
15	3		Epizootic lymphangitis	Theoretical (3 hours)	

			(pseudoglanders, equine blastomycosis, equine histoplasmosis) Sporotrichosis		
		<b>Final-term exam.</b>			Theoretical exams (60)

<b>11. Infrastructure</b>	
1. Books Required reading:	Non
2. Main references (sources)	Constable , D.; Hinchcliff, K.W.;Stanley ,H.; and Grunberg, D. W. (2017). Veterinary Medicine, A Text book of the diseases of Cattle, Horse , Sheep, Pigs, Goat, and , Dogs. 11 thEdn, Elsevier,B.A, Company Ltd., China,P:1904-1994.
A- Recommended books and references (scientific journals, reports...).	
B-Electronic references, Internet sites...	Wikipedia
<b>12. The development of the curriculum plan</b>	
<p>1. Searching for modern teaching and learning methods and means away from the old traditional recitation method.</p> <p>2. Relying on modern educational means to diagnosis &amp; treatment of diseases.</p> <p>3. The use of modern devices, machines and technologies, especially electronic ones, to deliver information so that the student uses all his auditory, visual and sensory senses in comprehending and storing the information in his mind.</p>	