

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.

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| ١. Teaching Institution | Kirkuk University/ College of Veterinary Medicine |
| ٢. University Department/Centre | Medicine& preventive branch |
| ٣. Course title/code | Zoonotic Disease/ CVM٤٢١٠ |
| ٤. Modes of Attendance offered | Fourth year students |
| ٥. Semester/Year | second semesters (٢٠٢٠-٢٠٢١) |
| ٦. Number of hours tuition (total) | Second semester (٣٠)hours |
| ٧. Date of production/revision of this specification | ٣/٢/٢٠٢١ |
| ٨. Aims of the Course | Providing students with the basic concepts and experience necessary to prepare them as veterinarians and teaching veterinary students the Zoonotic Disease. |
| | ١. The study of, Zoonotic disease seek the important and effected to the environment ,human health& economy. |
| | ٢. 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& human health on the other. |
| | ٣. study of Spreading the endemic and epidemic of important disease. |

A- Cognitive goals . A₁- Teaching the student the concept of zoonotic 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 in the animal's body.

A₅ - Identify treatment and control of diseases.

A₆- Studying the definition and causes agent of disease and laboratory diagnosis of these disease.

A₇- study the effected of zoonotic disease on the human health

B. The skills goals special to the course.

B₁ - Teaching the student how to effected of zoonotic disease on the human health

B₂ - Teaching the student the methods of 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.

5- Giving lectures using modern methods of presentation of power point topics and scientific films.

Assessment methods

1. Semester and final theory exams by 40%

2. Evaluation of extra-curricular activities (reports, posters and homework) by 20%

3. Learning triangle

4. Daily exams

| ١٠. Course Structure (second semester) | | | | | |
|--|-------|-----------------------|--|-------------------|----------------------------------|
| Week | Hours | ILOs | Unit/Module or Topic Title | Teaching Method | Assessment Method |
| ١ | ٢ | | zoonosis recognition \ Principles of zoonosis control and prevention PR | Theoretical | |
| ٢ | ٣ | | Principles of Viral zoonosis: FMD, Bovine popular stomatitis, Cow pox, Orf, pseudocow pox | Theoretical hours | |
| ٣ | ٣ | | Hemorrhagic fever, Crimean - Congo Hemorrhagic fever, Ebola Hemorrhagic fever, Rift valley fever, | Theoretical | |
| ٤ | ٢ | | Viral hepatitis type, vitamin deficiency A, B, C, D, E. | Theoretical | |
| ٥ | ٢ | | Eastern, Venezuelan and Western equine encephalitis Louping - ill, Mad cow disease Rabies , California encephalitis, Colorado tick fever | Theoretical | |
| ٦ | ٢ | | West Nile fever, Yellow fever, Nairobi sheep disease Influenza (swine and equine) \ Newcastle disease, Psittacosis, Q fever | Theoretical | |
| ٧ | ٢ | | Bacterial zoonosis, Anthrax, Listeriosis, Leptospirosis, Lepracy Botulism, Brucellosis, Campylobacteriosis | Theoretical | |
| ٨ | ٢ | Mid-term exam. | | Theoretical | Theoretical (٣٥) and reports (٥) |
| ٩ | ٢ | | Tuberculosis Closterdium perfringes food poisoning, Streptocuccosis, Staphylococuccosis | Theoretical | |
| ١٠ | ٢ | | Colibacillosis, Vibriosis Salmonllosis, Shigellosis Cat scratch disease, Rat bit fever, Plague. Tetanus, Clostridial histotoxic infection | Theoretical | |
| ١١ | ٢ | | Glanders and corynbacterium infection | Theoretical | |
| ١٢ | ٢ | | Parasitic zoonosis, Arthropod infection and tick paralysis | Theoretical | |
| ١٣ | ٢ | | Cestoda infection: Coenuriasis, Taeniasis.Echinococcosis, | Theoretical | |

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| | | | Diphyllobothriasis. Trematode infection:Fascioliasis, Dictoceliasis Nematode infection: Ascariasis, Capillariasis, Filariasis, Thelaziasis, Trichinosis Cutaneous larva migrans, Visceral larva migrant | | |
| ١٤ | ٢ | | Protozoa infection: Toxoplasmosis, Cryptosporidiosis, Giadiasis, Sarcocytosis, Babesiosis, Balantidiasis, Lishmaniasis, Trypanosomiasis | Theoretical | |
| ١٥ | ٢ | | Fungal infection: Dematomycosis, Actinomycosis, Blastomycosis, Candidiasis, Histoplasmosis, Ring worm, Nocardiosis | Theoretical | |
| | | Final-term exam. | | | Theoretical exams (٦٠) |

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| ١١. Infrastructure | |
| ١. Books Required reading: | Non |
| ٢. Main references (sources) | <p>Constable , D.; Hinchcliff, K.W.;Stanley ,H.; and Grunberg, D. W. (٢٠١٧). Veterinary Medicine, A Text book of the diseases of Cattle, Horse , Sheep, Pigs, Goat, and , Dogs. ١١ thEdn, Elsevier,B.A, Company Ltd., China,P:١٩٠٤-١٩٩٤.</p> <p>Quinn, P.J., Carter, M.E.,Markey, B.K., Leonard,F.C.,Fitzpatrick,E.S., Fanning,S. and Hartiggan,P.J. (٢٠١١). Clinical veterinary microbiology and Microbial Disease,٣ndED. The Black well publishing Company ,Iowa U.S.</p> |
| A- Recommended books and references (scientific journals, reports...). | |
| B-Electronic references, Internet sites... | Wikipedia |
| ١٢. The development of the curriculum plan | |
| ١. Searching for modern teaching and learning methods and means away from the old traditional | |

recitation method.

ϒ. Relying on modern educational means to seek diagnosis & treatment of diseases.

ϓ. Relying on modern educational means to seek effected on health of human & animal.

ϔ. 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.