Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department

Academic Program and Course Description Guide

2024 - 2025

Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T 3/2906 on 3/5/2023 regarding the programs that adopt the Bologna Process as the basis for their work.

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

Concepts and terminology:

Academic Program Description: The academic program description provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

Course Description: Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

Program Vision: An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

Program Mission: Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

Program Objectives: They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

Curriculum Structure: All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

Learning Outcomes: A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

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Academic Program Description Form

University Name: Tikrit University

Faculty/Institute: Veterinary Medicine

Scientific Department: Medicine, Surgery and Obs.

Academic or Professional Program Name: Zoonotic disease

Final Certificate Name: Bachelor of Veterinary Medicine and Surgery

Academic System: Semester

Description Preparation Date: 5 / 10/2024

File Completion Date: 6 / 10/2024

Signature:

Head of Department Name:

Montaser Mohamad Helal

Date: 6/10/2024

Signature:

Scientific Associate Name:

Prof. Dakheel Hussein Hedree

Date: 6/10/2024

The file is checked by:

Assist. Prof. Dr Ahmed Abdullah Sultan

Quality Assurance And University Performance Manager

Date : 6 / 10 / 2024

Signature:

Approval of the Dean

Prof. Dr. Bashar Sadeq Numi

جامعة تكريت
كلية الطب البيطري
شعبة ضمان الجودة والاداء الجامعي

جامعة تكريت / كلية الطب البيطري
أ.د. بشار صادق نومي
عميد الكلية

1. Program Vision

The College of Veterinary Medicine / Tikrit University seeks to become an educational, research and extension institution and to be a pioneer and distinguished in order to advance the educational process and advance it regionally and internationally by adhering to Arab and international quality assurance standards and policies and university performance and achieving excellence and creativity in the field of the veterinary medicine profession by creating competencies. Veterinary medicine is able to keep pace with scientific development in the field of the profession, as this is done through developing and updating the curriculum so that graduates can perform their work efficiently in accordance with the need of the labor market and provide the best service to society.

2. Program Mission

The basic outputs of the college are to prepare distinguished, competent graduates in the field of veterinary medicine by relying on the outputs of the College of Veterinary Medicine as basic building blocks for primary and postgraduate studies to serve the country's livestock. This is done by developing the curriculum in a way that is compatible with the spirit of the times and modernity. The college is also committed, through its mission, to honesty and quality in education at all levels. In addition to encouraging distinguished research projects for teachers in accordance with the needs of society and the labor market. The college also seeks to achieve excellence in preparing students with solid academic preparation that qualifies them to serve the community in the field of specialization. It also works to establish values and ideals among the college's members and students.

3. Program Objectives

The College of Veterinary Medicine aims to raise the scientific level of undergraduate and graduate students and build their capabilities at the scientific and applied levels, and work to direct scientific research in the applied direction in the field of veterinary medicine and livestock and protect humans from common diseases by combating them and carrying out awareness and educational campaigns to prevent them, as well as graduating doctors. Veterinarians are able to perform their work in the field of community service with high efficiency through the scientific capabilities available at the college, including laboratories, the consulting office, and the veterinary teaching hospital, examining and treating various field animals, poultry, and fish ponds, supervising and treating them, and providing consultations in the field of care and nutrition of animals, poultry, and fish in order to obtain a food product. Safe from healthy animal origin and free of diseases, spreading environmental and cultural awareness of the importance of veterinary medicine in serving society and developing the environment, focusing on the educational and moral aspect of the student and spreading the spirit of dedication, tolerance and commitment.

4. Program Accreditation
Not found

5. Other external influences
Not found

6. Program Structure				
Program Structure	**Number of Courses**	**Study Unit**	**Percentage**	**Reviews***
Institution Requirements	**90**	**90**		**Basic course**
College Requirements	**Yes**			
Department Requirements	**Yes**			
Summer Training	**Yes**			
Other				

* This can include notes whether the course is basic or optional.

7. Program Description				
Year/Level	**Course Code**	**Course Name**	**Credit Hours**	
٢٠٢٥-٢٠٢٤/4th stage	**VEC4107**	Zoonotic diseases II	**2 theoretical**	

8. Expected learning outcomes of the program	
Knowledge	
	The student learns methods of examining animals and how to take samples for laboratory examination The student learns laboratory examination methods and how to diagnose medical conditions The student must have sufficient scientific background in various animal diseases The student should have sufficient information to know the diseases common to humans and ways to prevent them The student must be familiar with the diseases and problems that the animal may be exposed to during diffusion of diseases.

Skills	
	Subject-specific skills 1- Planning skills (preparing the student to be able to deal with the lesson and understand the topics that will be presented during the lecture by choosing effective teaching methods) 2 - Executive skills (preparing the student to have the ability to prepare for the lesson by asking questions, varying the stimuli, and changing the tone of voice) 3 – Evaluation skills (knowledge of questions and their types, preparation of tests, critical feedback)
Ethics	
	Developing students' abilities to share ideas

9. Teaching and Learning Strategies

1- The lecture

2- Field visits and field and laboratory training

3- Training courses in the field of specialization

4- Holding seminars and discussions

10. Evaluation methods

1- Written tests
2- Oral and practical tests
3- Sudden and quick questions
4- Daily posts and reports

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Lucturer	Veterinary medicine and surgery	Internal and preventive medicine			staff	

Professional Development

Mentoring new faculty members

Briefly describes the process used to mentor new, visiting, full-time, and part-time faculty at the institution and department level.
Professional development of faculty members
Using modern educational methods

12. **Acceptance Criterion**
(Establishing regulations related to enrollment in the college or institute)

13. **The most important sources of information about the program**
• The college and university website. • Methodological books approved by the Ministry of Higher Education and Scientific Research.

14. Program Development Plan
1- Increasing field visits to government and private projects 2- Encouraging visits to the college library and the university's central library 3- Urging students to benefit from summer training in veterinary centers and the teaching hospital 4- Improving research projects and graduation projects.

Program Skills Outline															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2024-2025	VEC4107	Zoonotic diseases II	Basic		x		x	X					x		

- **Please tick the boxes corresponding to the individual program learning outcomes under evaluation.**

Course Description Form

1. Course Name:
Zoonotic diseases II
2. Course Code:
VEC4107
3. Semester / Year:
2024-2025/ second year
4. Description Preparation Date:
6/10/2024
5. Available Attendance Forms:
Attendance
6. Number of Credit Hours (Total) / Number of Units (Total)
٣0 hours. ٢ hours per week
7. Course administrator's name (mention all, if more than one name)
Asist.lect Abdulkader Hadi Kadory Email: Abdulkader_Hadi @tu.edu.iq Asist.Leect :Atyaf Mutar Abood Email: atyaf.mutar@tu.edu.iq
8. Course Objectives
1- Graduating veterinarians capable of examining animals and diagnosing and treatin diseases 2- Graduating a veterinary cadre capable of supervising livestock fields and stations 3- Graduating a cadre of veterinarians capable of diagnose the zoonotic diseases. 4- Graduating a cadre of veterinarians who are able to diagnose problems during diffusion the diseases. 5- The branch holds seminars to develop the capabilities of veterinarians working in animal husbandry sector and veterinary clinics in the field of zoonotic diseases.
9. Teaching and Learning Strategies

Strategy	1- Educational strategy, collaborat concept planning. 2- Brainstorming education strategy. 3- Education Strategy Notes Series

10.Course structure

we ek	**Hours**	**Required Learning Outcomes**	**Unit or subject nam**	**Learni method**	**Evaluati method**
1	٢ hrs. theoretic	Introduction to zoonotic diseases	Introduction to zoonotic diseas	Lecture a explanati	Daily exan questions a discussion
2	٢ hrs. theoreca	Principles of zoonotic recognition	Principles of zoonotic recognition	Lecture a explanati	Daily exan questions a discussion
٣	٢ hrs. theoretic	Principles of zoonotic control & preventio Viral zoonosis :FMD,Bovine popular stomatitis ,Cow pox ,Orf,pseudocow pox	Principles of zoonotic control & prevention Viral zoonosis :FMD,Bovin e popular stomatitis	Lecture a explanati	Daily exan questions a discussion

			,Cow pox ,Orf,pseudoc ow pox		
4	٢ hrs. theoritia	Argentina hemorrghic fever, Crimean-Con hemorrghic fever,Ebola hemorrghic fever,I valley fever ,Viral hepatitis type A,B,C,D Eastern ,Venzuelan&Weatern equine encephalitis		Lecture a explanati and pract	Daily exan questions a discussion
5	٢ hrs. theoretic	Loping ill, Mad cow disease Rabies, California encephalitis ,Colorado tick feve		Lecture a explanati	Daily exan questions a discussion
6	٢ hrs. theoritic	West Nile fever,Yello fever, Nairobi sheep disease Equine& swine influenza, Newcast disease .Psittacosis Q		Lecture a explanati and ppt	Daily exan questions a discussion
7	٢ hrs. theoretic	Bacterial zoonosis ,Anthrax ,Listeriosis ,Leptospirosis ,Leprosy ,Botulism, Brucellosis, Compylobacteriosis	Bacterial zoonosis ,Anthrax ,Listeriosis ,Leptospirosis ,Leprosy ,Botulism, Brucellosis, Compylobacteriosis	Lecture a explanati	Daily exan questions a discussion
8	٢ hrs. theoritic	Tuberculosis Closterdium perfringes food poisoning,Streptococosis ,Staphylococosis		Lecture a explanati and	Daily exan questions a discussion
9	٢ hrs. theoretic	Colibacillosis,Vibriosis Salmonellosis,Shigellosis		Lecture a explanati	Daily exan questions a discussion
10	٢ hrs. theoritic	Cat scratch disease ,Rat bit fever,Plague Tetanus,Clostridial histotoxic infection Glanders & Corynbacterial infection,	Parasitic Zoonosis : Arthropod infection& tick paralysis	Lecture a explanati and	Daily exan questions a discussion
11	٢ hrs. theoretic	Parasitic Zoonosis : Arthropod infection& paralysis		Lecture a explanati	Daily exan questions a discussion
12	٢ hrs. theoritic	Cestoda infection :Coenurosis ,Taeniasis Echinococosis ,Dipphyllobothriasis		Lecture a explanati and and practice	Daily exan questions a discussion
13	٢ hrs. theoretic	Trematoda infection :Fascioliasis,Dictoceliasis Nematode infection:Ascariasis,Capillariasis,Filariasis elaziasis		Lecture a explanati	Daily exan questions a discussion
14	٢ hrs. theoritic	Protozoa infection :Toxoplasmosis,Cryptosporidiosis,Giardias Sarcocystosis Babesiosis,balantidiasis,Leshmaniasis ,Trypanosomoiasis		Lecture a explanati and and practice	Daily exan questions a discussion
15	٢ hrs. theoritic	Ring worm ,candediasis ,Histoplasmosis ,Nocardiosis Cutanous larva migration ,visceral larva migration	Ring worm ,candediasis ,Histoplasmosis ,Nocardiosis Cutanous larva migration ,visceral	Lecture a explanati and and practice	Daily exan questions a discussion

			larva migration		

11- Course Evaluation	
The distribution is as follows: 30 marks for monthly exams, 5 daily exams and quizzes, 5 reports. 60 marks for final exams	
12- Learning and Teaching Resources	
Required textbooks (curricular books, if any)	• Radostits et al (2007) Veterinary medicine. th Ed
Main references (sources)	• Animals disease and human society by Joanna Swabe 1999