

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

2025-2026



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.

Academic Program Description Form



University Name: Tikrit university

Faculty/Institute: College of Veterinary Medicine

Scientific Department: Veterinary medicine, surgery and obstetrics

Academic or Professional Program Name: Veterinary Surgery

Final Certificate Name: BSc degree in Veterinary Medicine

Academic System: Course

Description Preparation Date: 6\10\2025

File Completion Date: 6\11\2025

Signature:

Head of Department Name:

Ass.Prof. Dr.

Date: 2025-11-6

Pro.Asst.
Dr.Nawaf Nooraldeen Dhafer
Head of Department of Medicine
Surgery & Obstetric
The file is checked by:

Signature:

Scientific Associate Name:

Ass. Prof. Asst. Prof. Dr

Date: Montaser M. Helal

6/11/2025

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Asist. Prof. Dr.

Ahmed Abdullah Sultan

Date: 6/11/2025

Signature:

Tikrit University
College of Veterinary Medicine
Approval of the Dean
Dean of the College



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	Institution requirements: 30 hours (theoretical) + 30 hours (practical), first semester 30 hours (theoretical) + 30 hours (practical), second semester	3 first semester units + 3 second semester units		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	
2025-2026 /fourth stage	VEC4115	Surgery	2	2 practical
	VEC4125		theoretical	

8. Expected learning outcomes of the program	
Knowledge	
	Teaching the student to know the most important the surgical operation in the large and small animals.
Skills	
	Students learned laboratory skills in how to deal with the large and small animals and the controls and anesthesia
Ethics	
	Developing students' abilities to share ideas
	1- Enabling the student to know how to diagnose the disease and the pathology of the disease 2- Enabling the student to deals with the animals and how can control. 3- Enabling students to anesthatized the animals 4- Enabling students to begin and finish the surgical operation

9. Teaching and Learning Strategies

- 1- Theoretical/through scientific lectures and new explanatory methods – to know the sit of the operations and the best entry to the body
- 2- Practical/through practical lectures in the laboratory and make the surgical operation directly in defferant models

10. Evaluation methods
1-Theoretical exams (daily, monthly, end of semester)
2- Practical exams (daily, monthly, end of semester)

11. Faculty			
Faculty Members			
Academic Rank	Specialization	Special Requirements/Skills (if applicable)	Number of the teaching staff

	General	Special		Staff	Lecturer
Lecturer	Veterinary medicine and surgery	Veterinary Surgery		staff	

Professional Development

Mentoring new faculty members

Briefly describe 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

Small Animal SURGERY Fourth Edition
 V E T E R I N A R Y SURGERY SMALL ANIMAL
 Large animal surgery
 Horse surgery

14. Program Development Plan

In order to link the theoretical information that the student receives to clinical reality, several things must be done, the most important of which are the following: -

- 1- Increasing field visits to government and private projects
- 2- Encouragement to visit the college library and the central library at the university
- 3- Urging students to benefit from summer training in veterinary centers and the teaching hospital
- 4- Improving research projects and graduation projects.

Course Description Form

1. Course Name:	2.
Surgery	
3. Course Code:	4.
VEC4115 VEC4125	
5. Semester / Year:	6.
2025-2026/ fourth year	
7. Description Preparation Date:	8.
2024-2025	
9. Available Attendance Forms:	10.
Attendance	
11. Number of Credit Hours (Total) / Number of Units (Total)	12.
60 theoretical hours + 60 practical hours 2 theoretical unit + 1 practical unit	
13. Course administrator's name (mention all, if more than one name)	14.
Name: Lecturer Assist. Prof. Dr. Ali Ghazizadeh Atiyah Email: alighazivet@tu.edu.iq	
15. Course Objectives	16.
1-Teaching the student to know the methods and techniques of veterinary sutures on all types of animals 2- Teaching the student how to deal with local and general anesthesia for the purpose of performing the operation correctly. 3- Teaching the student about radiography technology and how to read X-ray reports	
17. Teaching and Learning Strategies	18.
Strategy - Educational strategy collaborative concept planning 2- Brainstorming educational strategy. 3- Education Strategy Network Series (ESNS). 4- Distance learning strategy preparing electronic reports	
10. Course structure	

**15 - Course level : fourth year
Course Name: veterinary surgery
Semester: First & second.**

Evaluation methods	Learning methods	Subjects name	Learning methods outcomes	Hours	weeks
Questions, discussion and daily exam	Lecture and explanation	Introduction and classification of surgery	Learn the surgery and its classification	3	1-
=	=	Sterilization	Determining the methods of sterilization	3	2
=	=	Shock and fluid therapy	Clarify the shock and the types of fluid therapy	3	3
=	=	Wounds	Definition, classification, and types	3	4
=	=	Wound healing	Learn how the student can deal with wounds and wound infections	3	5
=	=	Hemorrhage and heamostasis	General information about these cases	3	6
=	=	Abscess, hematoma, cyst	Learn the differential diagnosis between these cases and how they can treated surgically.	3	7
=	=	Fistula, sinuses, ulcer, gangrene	Learn the differential diagnosis between these cases and how they can treated surgically.	3	8
=	=	Tumor, burn	Learn the differential diagnosis between these cases and how they can treated surgically.	3	9
=	Lecture and explanation with preview of samples	Radiology	Learn the principle of X-ray and how to obtain radiographic images	3	10
=	Lecture and explanation with preview of samples	Protection of X-rays and hazard	Learn the methods of radiographic protection	3	11
=	=	Modern diagnostic aids	Learn the modern method of diagnostic images used in surgery	3	12
=	=	fractures	Learn the definition of fracture, the classification of fracture, and the method of reduction and types of fixation devices	6	13

15 - Coures level :fourth year

Course Name : Practical surgery / 2 hours

1. Semester: First

15 - Coures level :fourth year

Course Name :Practical surgery / 2 hours

Semester: First

Evaluation methods	Learning methods	Subject name	Learning method outcome	Hours	Weeks
Daily exam questions and discussion	Lecture and explanation with ppt presentation	Introduction to surgical theater	Introduction to surgical operating rooms	4	1
=	=	Sterilization	Determining the methods of sterilization	4	2
=	=	Surgical instruments	Learn the general surgical instruments, orthopedic instruments, and management instruments	4	3
=	=	Pre-operative preparation	Learn the techniques of pre-surgical preparation	4	4
=	=	Suture and ligature	Learn external and internal suture techniques and its ligature	4	5
=	=	x-ray	Learn the principle of X-ray and how to obtain radiographic images	4	6
=	=	Fractures	Learn the definition of fracture, the classification of fracture, and the method of reduction and types of fixation devices	4	7

1. Course Evaluation	
The distribution is as follows: 40 marks for the annual pursuit and 60 marks for the final exams	
2. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Veterinary Surgery
Main references (sources)	Veterinary Surgery large and small animals
Recommended books and references (scientific journals, reports...)	Small animal surgery fourth edition V e t e r i n a r y surgery small animal Large animal surgery Horse surgery
Electronic References, Websites	