

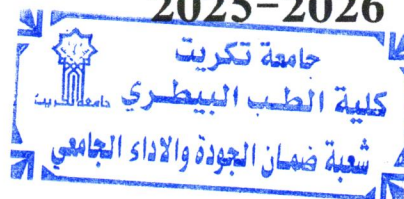
المرجع

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: Veterinary Medicine

Scientific Department: Pathology and Poultry diseases

Academic or Professional Program Name: Professional conduct II
Forensic medicine II

Final Certificate Name: Bachelor of Veterinary Medicine and Surgery

Academic System: Course

Description Preparation Date: 5/10/2025

File Completion Date: 6 / 11/2025

Signature:

Head of Department Name:

Prof.
N.Hadi Khorshed
Head of Department of Pathology
and Poultry disease

Date:

2025/11/6

Signature:

Scientific Associate Name:

Date: Asst. Prof. Dr.

Montaser M. Helal

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

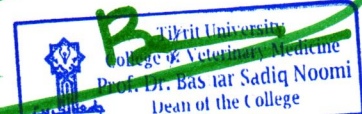
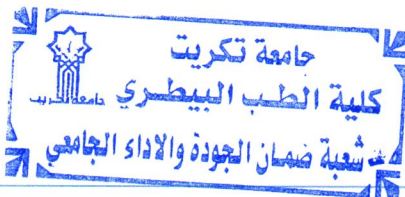
Date:

6/11/2025

Signature:

Ahmed Abdullah Sultan

Asist. Prof. Dr.
Ahmed Abdullah Sultan



Approval of the Dean

1. Program Vision

The College of Veterinary Medicine/Tikrit University seeks to be one of the leading higher education institutions at Tikrit University in the field of higher education and scientific research through its scientific, academic, research and administrative activities. It also works to provide an integrated path for its students and professors so that they can be creative and effective in serving the community and the labor market in the field of Forensic medicine and the professional behavior of the veterinarian in line with the requirements of the labor market

2. Program Mission

Working to prepare and graduate leading scientific and leadership competencies in the field of forensic medicine and the discipline of professional behavior for veterinarians, as well as developing the knowledge and information stock of students in a way that will reflect positively on the labor market and provide the best service to society by providing knowledge and valuable scientific information in a way that refines students' perceptions and increases their skills in the field of management. Animal health and diseases

3. Program Objectives

- 1- Graduating veterinarians capable of performing their work in the field of community service with high efficiency.
- 2- Examination and treatment of various field animals, poultry, and fish ponds, under supervision and treatment.
- 3- Preventing infectious and non-communicable diseases through media campaigns to educate those concerned and interested in this sector of work, in addition to carrying out vaccination campaigns against diseases.
- 4- Providing consultations in the field of care and nutrition of animals, poultry and fish.

- 5- Using modern equipment in laboratories to raise performance efficiency in order to advance scientific and applied research in the service of society.
- 6- Obtaining a safe food product of healthy animal origin and free of diseases.
- 8. Spreading environmental and cultural awareness of the importance of veterinary medicine in serving society and developing the environment in the field of veterinary medicine.
- 9- Working to uncover the causes leading to the death of animals in order to avoid infectious ones

4. Program Accreditation

National institutional accreditation standards for higher education institutions in Iraq

5. Other external influences

Iraqi universities, Ministry of Agriculture, General Veterinary Authority

6. Program Structure

| Program Structure | Number of Courses | Credit hours | Percentage | Reviews* |
|--------------------------|-------------------|--------------|------------|--------------|
| Institution Requirements | 30 | | | Basic course |
| College Requirements | yes | | | |
| Department Requirements | yes | | | |
| Summer Training | Not found | | | |
| Other | Not found | | | |

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

7. Program Description

| Year/Level | Course Code | Course Name | Credit Hours |
|----------------------------|--------------------|---|--------------|
| 5 th /2025-2026 | VED5122 VED5119 | Forensic medicine II Professional conduct II | Theoretical |

8. Expected learning outcomes of the program

Knowledge

- 1- Enabling students to obtain knowledge and understanding of the intellectual framework and skills related to forensic medicine and professional behavior
- 2- Enabling students to obtain knowledge and understanding of anatomy, tissues, and the changes that occur during injury and death of animals, in addition to the most important behavioral etiquettes when dealing with sick cases of animals.
- 3- Increasing the knowledge and skills of graduate students in how to deal with and diagnose the causes of mortality in animals

Skills

- 1-Differentiating between normal and pathological mortality
- 2- Increasing students' awareness of pathological changes after the death of an animal
- 3- Increasing the ability to recognize histological changes in affected organs
- 4- Increasing the student's knowledge of methods of dissecting animals, poultry and fish for the purpose of diagnosing disease

Ethics

- 1- Identify diseases in detail
- 2- Knowing the most important symptoms and signs to make predictions and questions to reach an accurate diagnosis of the disease
- 3- Increasing the student's ability to link events to reach an accurate diagnosis
- 4- Expanding the student's mind in the field of general and special pathology, poultry and fish diseases, and pathological anatomy after death.

9. Teaching and Learning Strategies

- Providing students with the basics and additional topics related to the previous educational outcomes of fish diseases
- Applying the topics studied theoretically in the practical aspect within the specialty of fish diseases
- Visiting practical laboratories by academic staff.

10. Evaluation methods

Daily and monthly exams.

-Semester and final exams.

Participation marks for competition questions for academic subjects.

| Academic Rank | Specialization | | Number of the teaching staff | |
|---------------|---------------------------------|---|------------------------------|----------|
| | General | Special | Staff | Lecturer |
| Lecturer | Veterinary Medicine and surgery | Forensic medicine II Professional conduct II | Staff | |

Professional Development

Mentoring new faculty members

Professional development of faculty members

Teaching development of students' abilities in research and investigation through field visits to animal fields, fish ponds, and projects related to veterinary medicine, encouraging weekly visits to the library, and reviewing sources, books, and magazines as a source of information.

11. Acceptance Criterion

Central/according to the requirements of the Ministry of Higher Scientific Education

12. The most important sources of information about the program

.General pathology
Forensic medicine and professional conduct
- Forensic medicine. Juner *et al* 2014, 14 edition

13. Program Development Plan

The program development plan includes relying on modern sources related to forensic medicine and professional behavior, knowledge of the latest scientific findings in this field, and the use of modern technologies and methods in diagnosing the causes of death in medical cases, in addition to conducting scientific research and studies that will enhance the students' cognitive values and their constant orientation to the necessity of linking The theoretical knowledge you gain from the practical aspect

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 | |
| 3 rd level | VED3120 | Pathology I | Basic | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| | VED3110 | Pathology II | Basic | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 4 th level | VED4114 | Poultry Diseases I | Basic | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| | VED4124 | Poultry Diseases II | Basic | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| | VED4111 | Pathological anatomy I | Basic | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| | VED4121 | Pathological anatomy II | Basic | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| Fifth level | VED5110 | Fish diseases I | Basic | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| | VED5122 | Forensic medicine II | Basic | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| | VED5119 | Professional conduct II | Basic | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |

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

Course Description Form

| | |
|--|--|
| 1. Course Name: | |
| Forensic medicine II Professional conduct II | |
| 2. Course Code: | |
| VED5122 VED5119 | |
| 3. Semester / Year: | |
| Semester | |
| 4. Description Preparation Date: | |
| 2025/11/6 | |
| 5. Available Attendance Forms: | |
| Attendance only | |
| 6. Number of Credit Hours (Total) / Number of Units (Total) | |
| 30 hours annually. 2 hours per week / 2 units | |
| 7. Course administrator's name (mention all, if more than one name) | |
| Name: Assist. Prof. Qusai Saleh Jumma Email: qusaisaleh@tu.edu.iq | |
| 8. Course Objectives | |
| 1-- Identify the concept of forensic medicine 2- The condition of the animal after death, signs of illness 3- The changes that occur to the animal after the disease appears and the causes of its death 4- Identify the most important proper methods used in dealing with disease cases and ways to treat them while minimizing their harm to the animal. | |
| 9. Teaching and Learning Strategies | |
| Strategy | <ul style="list-style-type: none"> 1- Direct education strategy. 2- Brainstorming education strategy. 3- Interactive and active education strategy 4- Self-education |

10. Course Structure

Course Structure:- Five year

Course Name :Theoretical Forensic medicine , Professional conduct / One hours

Semester: Second

| Week | Hours | ILOs | Unit/Module or Topic Title | Teaching Method | Assessment Method |
|----------------|-----------------|--|----------------------------|-------------------------|-------------------------------------|
| 1 | One theoretical | Getting to know forensic medicine, the names of forensic medicine, and the duties of the forensic veterinarian | Forensic medicine | Lecture and explanation | Questions and discussion daily exam |
| 2 | One theoretical | The scientific importance of forensic medicine | Forensic medicine | Lecture and explanation | Questions and discussion daily exam |
| 3 | One theoretical | How to write a forensic report | Forensic medicine | Lecture and explanation | Questions and discussion daily exam |
| 4 | One theoretical | Signs of death and animal death and their causes | Forensic medicine | Lecture and explanation | Questions and discussion daily exam |
| 5 | One theoretical | Signs of cardiac arrest and sudden death | Forensic medicine | Lecture and explanation | Questions and discussion daily exam |
| 6 | One theoretical | Death from starvation, starvation, cold, heat, electric current, shocks, burns and its symptoms | Forensic medicine | Lecture and explanation | Questions and discussion daily exam |
| 7 | One theoretical | Wounds and their types | Forensic medicine | Lecture and explanation | Questions and discussion daily exam |
| 8 | One theoretical | Veterinarian duties | Forensic medicine | Lecture and explanation | Questions and discussion daily exam |
| 9 | One theoretical | Veterinarian ethics | Professional conduct | Lecture and explanation | Questions and discussion daily exam |
| 10 | One theoretical | Instructions regulating the practice of veterinary medicine | Professional conduct | Lecture and explanation | Questions and discussion daily exam |
| 11 | One theoretical | The veterinarian's relationship with other professions and other community institutions | Professional conduct | Lecture and explanation | Questions and discussion daily exam |
| 12 | One theoretical | The veterinarian's relationship with the Veterinarians Syndicate | Professional conduct | Lecture and explanation | Questions and discussion daily exam |
| 13 | One theoretical | The principles upon which the veterinarian relies in dealing with employers | Professional conduct | Lecture and explanation | Questions and discussion daily exam |
| 14 | One theoretical | Getting to know forensic medicine, the names of forensic medicine, and the duties of the forensic veterinarian | Professional conduct | Lecture and explanation | Questions and discussion daily exam |
| 15 | One theoretical | The scientific importance of forensic medicine | Professional conduct | Lecture and explanation | Questions and discussion daily exam |
| Examine | | | | | |

11. Course Evaluation

The distribution is as follows: 40 marks for the monthly exams, and the the final exam is 60.

12. Learning and Teaching Resources

| | |
|--|---|
| Required textbooks (curricular books, if any) | . Forensic medicine and professional conduct - Forensic medicine. Juner <i>et al</i> 2014, 14 edition |
| Main references (sources) | |
| Recommended books and references (scientific journals, reports...) | |
| Electronic References, Websites | |