

**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**

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## **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 staP 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, quaJerly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T ٣/٢٩.٦ on ٣/٥/٢٠٢٣ regarding the programs that adopt the Bologna Process as the basis for their work.

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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.

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## **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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**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: Medicine, Surgery and Obs.

Academic or Professional Program Name: Surgery

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

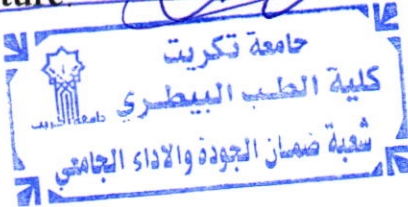
The file is checked by:

Assist. Prof. Dr Ahmed Abdullah Sultan

Quality Assurance And University Performance Manager

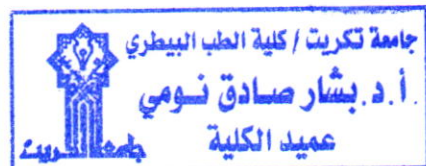
Date : 6 / 10 / 2024

Signature:



Approval of the Dean

Prof. Dr. Bashar Sadeq Numi



<b>١. Program Vision</b>	
Program vision is written here as stated in the university's catalogue and website.	
Teaching students how to deal with various infection cases that may occur or be performed on different animals, as well as teaching the subject of veterinary obstetrics and various reproductive diseases that are taught within the subjects of the First and third stages.	
<b>٢. Program Mission</b>	
Program mission is written here as stated in the university's catalogue and website.	
The courses of the microbiology department enable the student to know and understand the relationship between the department subjects and other closely related science courses, such as physiology and diseases, and their relationship to the functions of organs, and how to benefit from this knowledge in other applied sciences.	
<b>٣. Program Objectives</b>	
General statements describing what the program or institution intends to achieve.	
Providing students with integrated knowledge of microbiology sciences, veterinary obstetrics, and technologies that helps them scientifically and practically in understanding and assimilating other veterinary sciences.	
<b>٤. Program Accreditation</b>	
Does the program have program accreditation? And from which agency?	
No	
<b>٥. Other external influences</b>	
No	

6 Program Structure				
Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	0	10	7%	
College Requirements	66	270	91.7%	
Department Requirements	-	-	-	
Summer Training	1	10	1.3%	
Other				

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

v. Program Description				
Year/Level	Course Code	Course Name	Credit Hours	
Fifth	SUG٢٤٦	Vet. surgery	theoretical	practical
	SUG٢٤٦	Vet. surgery	٣٥	٣٠

#### ٨. Expected learning outcomes of the program

##### Knowledge

Learning Outcomes ١                      Learning Outcomes Statement ١

##### Skills

Learning Outcomes ٢                      Learning Outcomes Statement ٢

Learning Outcomes ٣                      Learning Outcomes Statement ٣

##### Ethics

Learning Outcomes ٤                      Learning Outcomes Statement ٤

Learning Outcomes 5                      Learning Outcomes Statement ٥

Learning Outcomes 2                      Learning Outcomes Statement 2

Learning Outcomes 3                      Learning Outcomes Statement 3

Learning Outcomes 4                      Learning Outcomes Statement 4

Learning Outcomes 5                      Learning Outcomes Statement 5

#### ٩. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the implementation of the program in general.

- ١- The method of delivery is accompanied by interrogation by asking direct questions to the students and involving them in the lecture.  
 ٢- Conducting various types of clinical examinations of the reproductive system in large and small animals in the animal field.  
 ٣- Assigning the student to write reports related to the course topics.  
 ٤- Displaying pictures and films of obstetric maneuvers through the data show device

#### ١٠. Evaluation methods

Implemented at all stages of the program in general.



١١. Faculty					
Faculty Members					
Academic Rank	Specialization		Special Requirements/Skills (if applicable)	Number of the teaching staff	
	General	Special		Staff	Lecturer
Ass.prof.dr.saddam khalid Ass.prof.dr.Montaser mohammed Dr.Ali gazi Dr.Hiba Abdulaziz Shekho	Veterinarian medicine	Surgery			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

Briefly describe the academic and professional development plan and arrangements for faculty such as teaching and learning strategies, assessment of learning outcomes, professional development, etc.

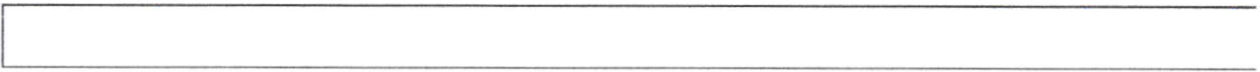
**١٢. Acceptance Criterion**

(Setting regulations related to enrollment in the college or institute, whether central admission or others)

**١٣. The most important sources of information about the program**

State briefly the sources of information about the program.

**١٤. Program Development Plan**



### Program Skills Outline

				Required program Learning outcomes												
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics				
				A <sup>1</sup>	A <sup>2</sup>	A <sup>3</sup>	A <sup>4</sup>	B <sup>1</sup>	B <sup>2</sup>	B <sup>3</sup>	B <sup>4</sup>	C <sup>1</sup>	C <sup>2</sup>	C <sup>3</sup>	C <sup>4</sup>	
Fifth	SUG246	Vet. Surgery		√	√	√	√	√	√	√	√	√	√	√	√	√
	SUG246	Vet.Surgery		√	√	√	√	√	√	√	√	√	√	√	√	√

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

## Course Description Form

<b>1. Course Name:</b>	
Vet. Surgery	
<b>2. Course Code:</b>	
SUG٢٤٦	
<b>3. Semester / Year:</b>	
First semester ٢٠٢٣-٢٠٢٤	
<b>4. Description Preparation Date:</b>	
٢٠٢٤	
<b>٥. Available Attendance Forms:</b>	
Mandatory attendance	
<b>٦. Number of Credit Hours (Total) / Number of Units (Total)</b>	
Total Credit hours ٧٥ (Theory +Practical) :Total Units ٤٥	
<b>٧. Course administrator's name (mention all, if more than one name)</b>	
Name: dr.Montaser Mohammed Helal Email: <a href="mailto:montaser.helal@tu.edu.iq">montaser.helal@tu.edu.iq</a>	
<b>8. Course Objectives</b>	
<b>Course Objectives</b>	١-Identify the most important surgical techniques in the field of veterinary medicine ٢ -Teaching the student for methods of surgical technique for various system in different animals
<b>9. Teaching and Learning Strategies</b>	
<b>Strategy</b>	١- The method of delivery is accompanied by interrogation by asking direct questions to the students and involving them in the lecture. 2- Conducting various types of clinical examinations and surgical technique system in large and small animals. 3- Assigning the student to write reports related to the course topics. 4- Displaying pictures and films of surgical methods

## 10. Course Structure

Week	Hours	Required Learning	Unit or subject name	Learning method	Evaluation method
1	3	Introduction & classification of surgery : (definition, history , principle of Halsted , indication of surgery )	surgery	Theoretical	Exam
	2	Introduction to surgical theater	surgery	Practical	Exam
2	3	Sterilization : (physical ,chemical , modern technique for sterilization )	Surgery	Theoretical	Exam
	3	Sterilization	Surgery	Practical	Exam
3	2	Shock & fluid therapy	Surgery	Theoretical	Exam
	2	Surgical instruments	Surgery	Practical	Exam
4	3	Wounds	Surgery	Theoretical	Exam
	2	Pre-operative preparation	Surgery	Practical	Exam
5	3	Hemorrhage & hemostasis	Surgery	Theoretical	Exam
	2	Suture & ligature : (suture materials	Surgery	Practical	Exam
6	3	Abscess ,hematoma , cysts	Surgery	Theoretical	Exam
	2	Suture & ligature : (suture patterns )	Surgery	Practical	Exam
7	3	Fistula ,sinus , ulcer , gangrene	Surgery	Theoretical	Exam
	2	x-ray	Surgery	Practical	Exam
8	3	Tumor , Burn	Surgery	Theoretical	Exam
	2	Fractures	Surgery	Practical	Exam
9	3	Radiology: (definition, principles, of x-ray, properties of x-ray ,types of x-ray machine, factors affect s effect on x-ray production )	Surgery	Theoretical	Exam
10	3	Contrast radiology	Surgery	Theoretical	Exam

11	3	Protection of x-ray & hazards	Surgery	Theoretical	Exam
12	3	Modern diagnostic aids : (CT. Scan , MRI , U/S , digital x-ray , Gamma camera )	Surgery	Theoretical	Exam
13	6	Fractures : (definition , etiology , classification , treatment , fractures healing , complications )	Surgery	Theoretical	Exam

<b>11. Course Evaluation</b>					
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports.....etc					
<b>12. Learning and Teaching Resources</b>					
Required textbooks (curricular books, if any)			- Small animal sur Large animal surgery by Ohem.)		
Main references (sources)					
Recommended books and references (scientific journals, reports...)			<b>Large and small animal surgery</b>		
Electronic References, Websites			<b>Veterinary medical journals issued by Iraqi - .veterinary medical collegesArab and international medical journals</b>		