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

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.....
Faculty/Institute: ...Veterinary Medicine.....
Scientific Department: ..Microbiology.....
Academic or Professional Program Name: ..Parasitology.....
Final Certificate Name: .....
Academic System: …Bachelor in Veterinary Medicine and Surgery……
Description Preparation Date: 5/10/2023
File Completion Date: 20/2/2024

Signature:
Head of Department Name:
Assisst.Prof. Dr. Sanaa Saued Ahmed
Date: 20\2\2024

Signature:
Scientific Associate Name:
Assisst. Proff.Dakheel Hussein Hadri
Date: 20\2\2024

جامعة تكريت
كلية الطب البيطري
شعبة ضمان الجودة والاداء الجامعي

The file is checked by:
Department of Quality Assurance and University Performance
Director of the Quality Assurance and University Performance Department:
Date: ٢٠ - ٢ - ٢٠٢٤
Signature:

م.م سيف خليل ابراهيم

Approval of the Dean

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

1. **Program Vision**
Teaching parasitology seeks to provide students with sufficient knowledge of pathogenic species morphology , methods of treating them and diagnosis

2. **Program Mission**
Providing students with knowledge and skills in diagnosing and treating parasitic diseases

3. **Program Objectives**
1- Knowledge and understanding of veterinary medicine and related local, regional and international standards 2- Scientific skills that enable diagnosing veterinary diseases and dealing with various pathological conditions in animals and treating them 3- Thinking and analytical skills that enable solving emerging problems in the field of livestock, common diseases and basic sciences, in accordance with local, regional and international standards. 4- Use and self-development skills that enable competition with others in the labor market

4. **Program Accreditation**
-

5. **Other external influences**
-

6. **Program Structure**

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	2	90		
College Requirements	yes			
Department Requirements	yes			
Summer Training	no			
Other				

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

7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
2024		Parasite		practical

8. Expected learning outcomes of the program

Knowledge	
forming students about the most important types of parasites, their life cycle, and the diseases they cause	
Skills	
Diagnosis	
Treatment	
Ethics	

9. Teaching and Learning Strategies

1-The lecture
2- Discussion
3- Holding discussion circles
4- Holding training courses in the field of applications and practicality
5- Providing students with the basics and additional topics related to the previous learning outcomes of skills, to solve practical problems.

10. Evaluation methods

Weekly, monthly and daily exams and the end of the course exam.

11.Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
professor	Veterinary medicine and general surgery	parasitology			staff	

Professional Development
Mentoring new faculty members
Conducting seminars, training courses and workshops to provide them with skills and experience
Professional development of faculty members

12. Acceptance Criterion

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

13. The most important sources of information about the program

Soulsby, E. J. L., (1982). Helminthes, Arthropods and protozoa of domesticated animals, 7th ed. Bailliere □□Tindall, East Sussex, UK.

□□Roberts, L. S. & Janovy, J. (1996). Foundations of Parasitology. 5th end., wmc. Brown publ. Chicago, USA.

□□Schmidt, G. D. (1986). Hand book of Tapeworm Identification. CRC Press, Inc. Boca Raton, Florida. pp. 675.

□□Gibsion, I. (2010). Hand book of Diagnostic parasitology.

14. Program Development Plan

Following up on common diseases and their epidemiology, modern diagnostic methods, and knowing the most important newly invented treatments and vaccines

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
third		Parasitology	basic												

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

Course Description Form

1. Course Name:

parasitology

2. Course Code:

3. Semester / Year:

Semester

4. Description Preparation Date:

2024

5. Available Attendance Forms:

Attendance only

6. Number of Credit Hours (Total) / Number of Units (Total)

30 hrs. / 2 hrs weekly

7. Course administrator's name (mention all, if more than one name)

Name: Asst.lecturer Sura I. Ibrahim
Email: Sura.ismail@ut.edu.iq

8. Course Objectives

Course Objectives	• **This course aims to give the student a complete idea about parasitic diseases fro the period of ancient times to the present, through his study of a number of parasitic diseases and methods of detection using modern technologies.** • **2- Providing the student with practical and theoretical information on how study and culture microscopic organisms and follow modern molecular meth in diagnosing some parasitic diseases that affect humans and animals.....** • ..... • .....

9. Teaching and Learning Strategies

Strategy	1-Giving lectures (explanation and clarification). 2- Using technological educational means as teaching aids (educational films, electronic lectures). 3- Self-learning method by supporting a learner-centered learning environmen 4- Urging students to use the library as a learning method 5- Developing students' ability on the subject of microorganisms, their dange methods of transmission between humans and animals, and how to treat th with antibiotics.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

1-1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 3-14 Mid	 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Learning and study morpphological features and diagnosis methods	Protozoa general information *Entamoeba sp., Giardia Babeisia sp., Theileria sp. Leishmania sp., Trypanosoma sp Trichomonas sp., Toxoplasma sp. Sarcocystes sp., Eimeria sp Plasmodium sp.* Arthropoda general information : Flea; *Ctenocephalus sp.* Lice; *Pediculus sp., Haematopinus sp.* Insects; *Anopheles sp., Culex sp.* Myiasis: *Oestrus sp., Hypoderma bovis* Ticks: *Boophilus sp., Amblyomma sp., Rhpicephulus sp.* Ticks: *Argas sp., Hyalomma sp.,* Mites: *Sarcoptes sp.,* Crustacea: *Cyclops*	Explaining With PPT	questions

11.Course Evaluation	
12.Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	Soulsby, E. J. L., (1982). Helminthes, Arthropods and protozoa of domesticated animals, 7th ed. Bailliere □□Tindall, East Sussex, UK. □□Roberts, L. S. & Janovy, J. (1996). Foundations of Parasitology. 5th end., wmc. Brown publ. Chicago, USA. □□Schmidt, G. D. (1986). Hand book of Tapeworm Identification. CRC Press, Inc. Boca Raton, Florida. pp. 675. □□Gibsion, I. (2010). Hand book of Diagnostic parasitology.
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	