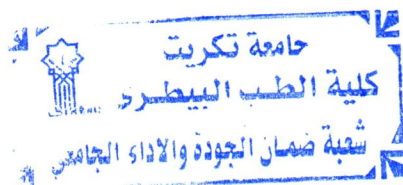


Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department



Academic Program and Course Description Guide

2026-2025



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 annually through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a 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 essential 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 academic programs and course descriptions 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: Anatomy and histology

Academic or Professional Program Name: veterinary medicine

Final Certificate Name: BSc degree in Veterinary Medicine

Academic System: courses

Description Preparation Date: 5/10/2025

File Completion Date: 6 /11/2025



Signature:

Head of Department Name:

Asst. Prof. Dr. Bader Khatlan

Head of the Department of
Date: 6/11/2025 Anatomy

Signature:

Scientific Associate Name:

**Asst. Prof. Dr.
Montaser M. Helal**

Date: 6 /11/2025

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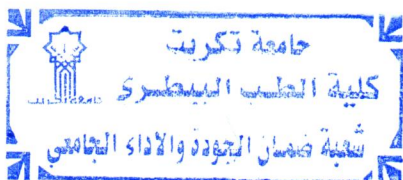
Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date: 6/11/2025 **Asst. Prof. Dr. Ahmed Abdullah Sultan**

Signature:

Approval of the Dean
Tikrit University
College of Veterinary Medicine
Prof. Dr. Bashir Sadiq Noon
Dean of the College





وزارة التعليم العالي والبحث العلمي – العراق
جامعة تكريت
كلية الطب البيطري



نموذج وصف المادة الدراسية

Module Information

Module Title	Skeletal Anatomy	Module Delivery	
Module Type	Core Basic	Theory√ Lecture√	
Module Code	VET102	Practical √ Seminar√	
ECTS Credits	8		
SWL (hr/sem)	200		
Module Level	1	Semester of Delivery	1
Administering Department		College	Veterinary Medicine
Module Leader	Bader khatlan Hameed	e-mail	Baderkatlan74@tu.edu.iq
Module Leader's Acad. Title	Assi. Prof.	Module Leader's Qualificatio	Ph.D
Module Tutor	Oday Alawi Jassim	e-mail	oday_jassim@tu.edu.iq
Peer Reviewer Name		e-mail	
Scientific Committee Approval Date		Version Number	
Relationship with other subjects			
Prerequisite module	None	Semester	-
Co-requisites module	None	Semester	-

Learning and Teaching Strategies

Strategies

The ability to:

- identify problems, make predictions, develop hypotheses and devise means of conducting investigations to test hypotheses;
- plan and carry out experimental procedures and operations in an appropriate sequence;
- use experimental controls when appropriate;
- modify an original plan or sequence of operations as a result of difficulties encountered in conducting experiments or obtaining unexpected results;
- consider possible sources of errors and risks in the design of an experiment;
- select and use appropriate equipment and techniques

Module Aims, Learning Outcomes and Indicative Contents

Module Aims	<p>1- Increase the student's knowledge and understanding in the field of veterinary medicine and prepare him scientifically to be familiar with the anatomical and histological structures of the animal's body so that he can know the changes that occur in the various organs and tissues of the body when infection occurs with various pathogens.</p> <p>2 -Increase the student's cognitive awareness regarding the various embryonic stages from the beginning of embryonic formation to the time of birth and benefit from distinguishing between normal and abnormal embryos that suffer from congenital malformations.</p> <p>3 -Work to meet the needs of society in this field by developing various plans that keep pace with scientific and practical developments in the field of veterinary medicine.</p> <p>4 -Increase the student's skills in the field of use and self-development to enable competition with others in the labor market</p>
Module Learning Outcomes	<p>Upon successful completion of this course, the student will be able to do the following: -</p> <p>1- Enable students to know anatomy and teach it to students and the relationship of anatomy to other sciences</p>
Indicative Contents	<p>The guiding content includes the following: -</p> <p>1- Explain the scope of osteology. (1)</p> <p>2- Describe life activities from a structural point of view(3)</p> <p>3- Explain the scope of bones and cartilage (6)</p> <p>4- Understand the basic concepts of anatomy (8)</p>

Student \ Workload (SWL)				
Structured (SSWL) (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل		93	(SSWL) (h/w) الحمل الدراسي المنتظم للطالب اسبوعيا	5
Unstructured (USSWL) (h/sem) الحمل الدراسي غير منتظم للطالب خلال الفصل	107	(USSWL) (h/w) الحمل الدراسي غير منتظم للطالب اسبوعيا	8	
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	200			

Module Evaluation تقييم المادة الدراسية					
		الوقت/الرقم Time/ Number	الوزن Weight بالعلامات (Marks)	الاسبوع المستحق Week Due	نتائج التعلم ذات الصلة Relevant Learning Outcome
Formative assessment	Quizzes	2	10% (10)	5,10	LO #1,2, 10 and II
	Practical	2	10% (10)	6,12	LO # 3, 4,6 and 7
	Lab.	1	10% (10)	Continuous	
	Report	1	10% (10)	13	LO # 5,8 and 10

Summative assessment التقييم التلخيصي	Midterm Exam	2hr	10% (10)	7	LO # 1-7
	الامتحان النهائي Final Exam	3hr	50% (50)	16	الكل All
Total assessment التقييم الاجمالي			100% (100M)		

Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي الجزء النظري	
Week I الاسبوع الاول	Skeleton: Introduction, Methods of study, topographical and descriptive terms.
Week 2	General osteology: Skeleton, bones; types, structures, development,
Week 3	chemical and physical properties.
Week 4	The vertebral column, ribs, sternum,
Week 5	bones of thoracic and pelvic limbs
Week 6	General syndesmology (Arthrology) Joints, classifications, structures of synovial joint, fibrous joint, cartilaginous joint The joints of thoracic limb, the joints of pelvic limb
Week 7 to 16	Common integument Foot of horse, hoof, claw, stay apparatus (thoracic and pelvic limb)

Delivery Plan (Weekly Lab. SyUabus)
المنهاج الأسبوعي للمختبر

Week I الاسبوع الاول	Skull Anatomy
Week 2	Cervical Vertebrae Anatomy
Week 3	Lumbar and Sacral Vertebrae Anatomy
Week 4	Forelimb Anatomy
Week 5	Hindlimb Anatomy
Week 6 -14	Hoof Anatomy

Learning and Teaching Resources مصادر التعلم والتدريس

	النص Text	المتوفر بالمكتبة Available in the Library?
Required Texts النصوص المطلوبة		Yes
Recommended Texts النصوص الموصى بها		NO
Websites المواقع الالكترونية		

Grading Scheme

مخطط الدرجات

Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A - Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C - Good	جيد	70 - 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 - 49)	FX - Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F - Fail	راسب	(0-44)	Considerable amount of work required

Note: Marks with decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54). The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.