

**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**

## **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.

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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: public health

Academic or Professional Program Name: Animal management.

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:

Ph.D. Ali Qays Jalil

Date: 6/10/2024



Signature:

Scientific Associate Name:

Proph. Dakheel Hussein Hedree

Date: 6/10/2024

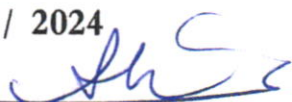
The file is checked by:

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

جامعة تكريت  
كلية الطب البيطري  
شعبة ضمان الجودة والاداء

### 1. Program Vision

Program vision is written here as stated in the university's catalogue and website.

### 2. Program Mission

Program mission is written here as stated in the university's catalogue and website.

### 3. Program Objectives

General statements describing what the program or institution intends to achieve.

### 4. Program Accreditation

Does the program have program accreditation? And from which agency?

### 5. Other external influences

Is there a sponsor for the program?

### 6. Program Structure

| Program Structure        | Number of Courses | Credit hours | Percentage | Reviews*     |
|--------------------------|-------------------|--------------|------------|--------------|
| Institution Requirements | 60                | 3            |            | Basic course |
| 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 |           |
|------------------------------|-------------|-------------------|--------------|-----------|
|                              |             |                   | theoretical  | practical |
| 2024-2025 (1 <sup>st</sup> ) | VEH1103     | Animal management |              |           |

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|--|--|--|--|--|

## 8. Expected learning outcomes of the program

### Knowledge

- 1- Cognitive objectives.
- 2- Enabling students to know animal management while making optimal use of the capabilities available to house and care for animals.
- 3- Enabling students to know and understand the science of management and methods of raising animals.

### Skills

- 1- Providing the student with skills in how to deal with different types of animals.
- 2- Providing the student with skills in how to use field and laboratory equipment and tools.
- 3- Providing the student with the appropriate skills to administer medications to animals.

### Ethics

There is a committee formed in the college to sign and urge it to implement its obligations regarding dealing with animals and the extent of adherence to the paragraphs of journalists. The committee is responsible for following up on and adhering to its integrated poverty and inspecting the companions of dignitaries in order to confirm the regulations and care of the new animal. "Iraq is a member of the OIE organization.

## 9. Teaching and Learning Strategies

- 1- Knowledge of the structure, functions, and body parts of animals (cattle, sheep, goats, camels).
- 2- Identify the most important signs of health and indications of the occurrence of diseases and associated symptoms.
- 3- Familiarity with the nutritional needs of each animal and each physiological stage.
- 4- Identifying the methods and types of administering medications.

## 10. Evaluation methods

- 1- Daily, monthly and final exams.
- 2- Practical tests.
- 3- Reports.
- 4- Student activities through the prohibition of laboratory animals and their participation in conducting experiments on them.

## 11. Faculty

### Faculty Members

| Academic Rank | Specialization | Special Requirements/Skills | Number of the teaching staff |
|---------------|----------------|-----------------------------|------------------------------|
|---------------|----------------|-----------------------------|------------------------------|

|                    |                   |                  | (if applicable) |  | Staff | Lecturer |
|--------------------|-------------------|------------------|-----------------|--|-------|----------|
|                    | General           | Special          |                 |  |       |          |
| Prof.              | Animal production | Sheep production |                 |  | staff |          |
| Assistant lecturer | Animal production |                  |                 |  | staff |          |

## Professional Development

### Mentoring new faculty members

Guiding new members of the teaching staff on the optimal method for presenting and presenting lectures, emphasizing the practical aspect in the field and applying the theoretical aspect to animals.

### Professional development of faculty members

Explaining the mechanism for arranging and sequencing lectures, as well as the assessment and evaluation methods used to fix grades for students.

## 12. Acceptance Criterion

Central admission according to the electronic form prepared for this purpose

## 13. The most important sources of information about the program

- 1- Prescribed methodological books.
- 2- External source books.
- 3- Specialized scientific websites.

Animal Management Book, written by Dr. Abdul Karim Mahmoud Abdul Karim, Dr. Walid Khader Al-Marani, Dr. Riyad Muhammad Hassan Abdel Wahab.

Sheep flock health (Neil sargison)  
 Journal of animal science  
 Journal of animal nutrition

## 14. Program Development Plan

Developing new vocabulary to be added to the course, provided that it is not less than 15% annually.





## Course Description Form

|  |
|--|
| 1. Course Name:  |
| Animal management  |
| 2. Course Code:  |
| VEH1103  |
| 3. Semester / Year:  |
| Quarterly  |
| 4. Description Preparation Date:   |
| 20 / 1 / 2025  |
| 5. Available Attendance Forms:   |
| My presence  |
| 6. Number of Credit Hours (Total) / Number of Units (Total)  |
| 60 / 3   |
| 7. Course administrator's name (mention all, if more than one name)  |
| Name: prof. dr. Ziyad Tariq Aldoori .<br>Email: <a href="mailto:ziyad1976tariq@tu.edu.iq">ziyad1976tariq@tu.edu.iq</a> .<br>Name: Saif Khalil Ibrahim.<br>Email: <a href="mailto:saif_k@tu.edu.iq">saif_k@tu.edu.iq</a> .<br>Name: Amer I. Ali<br>Email: <a href="mailto:ameribr@tu.edu.iq">ameribr@tu.edu.iq</a>  |
| 8. Course Objectives   |
| 1- Cognitive objectives.<br>2- Enabling students to know animal management while making optimal use of the capabilities available to house and care for animals.<br>3- Enabling students to know and understand the science of management and methods of raising animals.  |
| 9. Teaching and Learning Strategies  |
| 1- Knowledge of the structure, functions, and body parts of animals (cattle, sheep, goats, camels).<br>2- Identify the most important signs of health and indications of the occurrence of diseases and associated symptoms.<br>3- Familiarity with the nutritional needs of each animal and each physiological stage.<br>4- Identifying the methods and types of administering medications. |

## 10. Course Structure

16 - Course level: first year

Course Name: Animal management / 2 hours

Semester: first and Second

| الأسبوع | الساعات | مخرجات التعلم المطلوبة  | اسم الوحدة / المساق أو الموضوع   | طريقة التعليم | طريقة التقييم              |
|---------|---------|---|--|---------------|----------------------------|
| 1       | نظري 2  | تمييز وتوصيف الحيوانات الحقلية  | Description and identification of farm animals   | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 2       | نظري 2  | مصطلحات خاصة بالمادة  | Terminology  | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 3       | نظري 2  | التسنين وتقدير العمر  | Dentition and aging  | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 4       | نظري 2  | الاجترار  | Rumination   | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 5       | نظري 2  | التغذية   | nutrition  | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 6       | نظري 2  | ادارة الاغنام والماعز   | Management of sheep and goat   | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 7       | نظري 2  | ادارة الماشية ( الابقار والجاموس )  | Management of cattle   | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 8       | نظري 2  | التناسل في الاغنام والماعز  | Reproductive in sheep and goat   | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 9       | نظري 2  | التناسل في الخيول   | Reproductive in equine   | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 10      | نظري 2  | الامراض   | Diseases   | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 11      | عملي 2  | اجزاء الجسم الخارجية لحيوانات المزرعة   | External features of farm animal   | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 12      | عملي 2  | طرق الاقتراب والسيطرة على الخيول  | Methods of approaching , restraint and casting of horses   | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 13      | عملي 2  | طرق الاقتراب والسيطرة على الماشية وقيادة الجمال   | Methods of approaching , restraint and casting of cattle, camel leading  | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 14      | عملي 2  | طرق الاقتراب والسيطرة على الاغنام   | Methods of approaching , restraint and casting of sheep for different purposes                                       | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 15      | عملي 2  | العادات السيئة في الخيول والماشية   | Bad vices of horses and cow  | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 16      | عملي 2  | علامات الصحة في حيوانات المزرعة : قياس النبض و التنفس ، قياس درجة الحرارة ، حالة الاغشية المخاطية . | Mouth ages for different animals, signs of heath: pulse and respiration, body temperature mucous membranes condition | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |
| 17      | عملي 2  | رعاية حيوانات المزرعة : التضمير ، تدفئة الحيوان ، غسل الحيوان ، تجفيف الحيوان                       | Care of farm animals, grooming, washing, heating, clipping, drying   | محاضرة و شرح  | اسئلة ومناقشة وامتحان يومي |

|                               |              | of wet horses     |                     |        |    |
|-------------------------------|--------------|-------------------|---------------------|--------|----|
| اسئلة ومناقشة<br>وامتحان يومي | محاضرة و شرح | Sheep dipping     | تغطيس الاغنام       | عملي 2 | 18 |
| اسئلة ومناقشة<br>وامتحان يومي | محاضرة و شرح | Shoeing of horses | التتعيل : وضع الحدى | عملي 2 | 19 |

### 11.Course Evaluation

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

### 12.Learning and Teaching Resources

1- Prescribed methodological books.

2- External source books.

3- Specialized scientific websites.

Animal Management Book, written by Dr. Abdul Karim Mahmoud Abdul Karim, Dr. Walid Khader Al-Marani, Dr. Riyadh Muhammad Hassan Abdel Wahab.

Sheep flock health (Neil sargison)

Journal of animal science

Dr. Ali Q. Jalil  
Head of public health branch  
20 – 1 – 2025