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

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: **Al–Qasim Green University**
Faculty/Institute: **Faculty of Agriculture**
Scientific Department: **Animal Production Department**
Academic or Professional Program Name: **Bachelor of Animal Production**
Final Certificate Name: **Bachelor of Agricultural Sciences/Animal Production**
Academic System: **annual**
Description Preparation Date: **16/8/2026**
File Completion Date: **16/8/2026**

Signature:
Head of Department Name:
Prof. Dr. Nihad Abdel Latif Ali
Date:

Signature:
Scientific Associate Name:
Asst. Prof. Dr. Mohammed Jaber Hussein
Date:

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

Approval of the Dean

1. Program Vision

Leadership in education, scientific research, and community service in the fields of animal production, by qualifying distinguished scientific and practical cadres who contribute to the development of the livestock sector and the achievement of food security and environmental sustainability, at the local and regional levels.

2. Program Mission

Preparing qualified scientific cadres in the field of animal production by offering advanced educational and research programs that keep pace with scientific and technological progress, contribute to the development of sustainable animal production systems, achieve food security, and meet the needs of the labor market, while adhering to professional ethics and serving the community.

3. Program Objectives

General Objectives:

1. Increase animal productivity of meat, milk, eggs, wool, and hides, while improving quality.
2. Improve the efficient use of agricultural resources (feed, water, and land) to achieve economic and sustainable production.
3. Develop local and improved breeds that are adaptable to local environmental conditions.
4. Improve animal farm management in terms of nutrition, breeding, healthcare, and reproduction.
5. Apply modern technologies in the fields of nutrition, genetics, reproduction, and artificial intelligence to improve production.

4. **Program Accreditation**
There is

5. **Other external influences**
Nothing

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institutional requirements	**28**			
College requirements	**Yes**			
Department requirements	**Yes**			
Summer training	**There is**			
Other				

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

7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
2026	UNI113	**English**	2	
2026	UNI112	**Democracy and human rights**	2	
2026	ANP1101	**Principles of animal production**	2	
2026	AGR111	**Organic Chemistry**	2	**3**
2026	AGR114	**mathematics**	3	
2026	ANP1102	**Public animal**	2	3

2026	UNI121	**Arabic**	2	
2026	UNI124	**computer**	1	2
2026	ANP1203	**Principles of domestic birds**	2	
2026	ANP1204	**Plant protection**		
2026	ANP1205	**Analytical Chemistry**	2	3
2026	ANP1206	**count**	2	
2026	UNI211	**Arabic 2**	**2**	
2026	UNI212	**Computer 2**	2	
2026	ANP2101	**Principles of Microbiology**	2	3
2026	ANP2102	**Baath regime crimes**	2	
2026	ANP2103	**Fish principles**	2	3
2026	ANP2104	**Mechanized animal production**	2	3
2026	ANP2105	**Animal product health**	2	3
2026	UNI222	**Forage crops and pasture management**	2	3
2026	ANP2206	**Genetics**	2	3
2026	ANP2207	**Principles of Dairy Science**	2	3
2026	AGR221	**biochemistry**	2	3
2026	UNI221	**English 2**	2	
2026	ANP2205	**Fish farming and production**	2	3
2026		**Animal physiology**	2	3
2026		**Hatching and hatchery management**	2	3
2026		**animal feed**	2	3

2026		**Animal production economics**	2	
2026		**Animal environment and behavior**	2	
2026		**Design and analysis of experiments**	2	3
2026		**Animal diseases**	2	3
2026		**English**	1	
2026		**poultry feeding**	2	3
2026		**Raising and improving poultry**	2	3
2026		**Sheep and goat production**	2	3
2026		**Beef cattle production**	2	3
2026		**Poultry management and production**	2	3
2026		**Pasture Management**	2	3
2026		**Graduation research project**	2	

8. Expected learning outcomes of the program

Knowledge	
Keeping pace with the development of the livestock industry Part 2 - Keeping up with everything new or useful and adapting it	
Skills	
The ability to understand the basics of working in livestock	

production companies and fields. B2- Dealing with crises and economic problems related to providing food security.	
B3- Building scientific foundations based on scientific research and practical reality in the fields and production companies.	
Ethics	
Developing students' ability to share ideas	

9. Teaching and Learning Strategies

Explain the scientific material to students in detail.

2- Involve students in presenting opinions and discussing scientific questions.

3- Discuss and engage in dialogue about vocabulary related to the topic.

10. Evaluation methods

Weekly, monthly, daily and end of year exams.

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	Number of the teaching staff	
	General	Special		Staff	Lecturer

Ali Amin Saeed	Animal production	animal feed			**Staff**	
Fadhel Rasool Abbas	Animal production	Poultry physiology			**Staff**	
Nihad Abdel Latif Ali	Animal production	Poultry physiology			**Staff**	
Muhammad Baqir Sahib	Biology	molecular genetics			**Staff**	
Tahreer Mohamed Natah	Biology	Animal physiology			**Staff**	
Imad Abdul Jabbar Ali	Animal production	Poultry physiology			**Staff**	
Ali Ahmed Alou	Animal production	animal feed			**Staff**	
Fadel Abbas Radhi	Biology	Animal classification			**Staff**	
Haider Mohammed Hassan	Animal production	Physiology of reproduction and artificial insemination			**Staff**	
Oras Salman as Eid	Arabic language	Arabic language			**Staff**	
Rahman Hussein Hamza	Animal production	Sheep and goat production			**Staff**	
Najih Jabir THuban	Animal production	Poultry technology			**Staff**	
Israa Ali Fadel	Animal production	Biotechnology			**Staff**	

Thamer Radhi Sahib	Animal production	Sheep and goat production			**Staff**	
Majeed Hamid Abboud	Veterinary medicine	poultry feed			**Staff**	
Walid Hamid Hassoun	agricultural mechanization	mechanization			**Staff**	
Hashem Hadi Dakhil	Animal production	Poultry management			**Staff**	
Rawida Adnan Ali	Animal production	Animal reproductive physiology			**Staff**	
Haitham Mohammed Hussein	Animal production	animal feed			**Staff**	
Ali Salim Abdul Karim	Animal production	poultry feed			**Staff**	
Tamador Hani Hussein	Biology	Animal physiology			**Staff**	
Israa Luay Al-Jaryan	Biology	Poultry breeding and improvement			**Staff**	
Haider Kazim Alwan	Veterinary medicine	Animal diseases			**Staff**	
Salah Mahdi Hadi	Animal production	poultry feed			**Staff**	
Aeid Bagey Hassan	Veterinary medicine	Microscopic biology			**Staff**	
Walid Ahmed Mohammed	Animal production	Milk diamond			**Staff**	
Mohammed Khadir Abbas	Veterinary medicine	Veterinary parasites			**Staff**	

Amal Faisal Lafta	Biology	Animal reproductive physiology			**Staff**	
Wissam Salem Rashid	Animal production	animal feed			**Staff**	
Bashar Ahmed Mohammed	Animal production	Poultry physiology			**Staff**	
Safa Mahdi Imran	Animal production	Fish diseases			**Staff**	
Firas Mahdi Abdul Redha	Animal production	Fish farming			**Staff**	
Alaa Hassan Kazim	Animal production	**Poultry management**			**Staff**	
Laith Hamza Marza	Animal production	Poultry physiology			**Staff**	
Sabreen Salam Abd	Animal production	Poultry physiology			**Staff**	
Zahraa Hadi Musaibah	Plant production techniques	Plant production techniques			**Lecturer**	
Heba Hamza Obaes	Animal production	Animal physiology			**Lecturer**	
Jawad Abdul-Kazem Hamza	Animal production	poultry			**Staff**	

Professional Development
Mentoring new faculty members
Professional development of faculty members

12. **Acceptance Criterion**
Student GPA and Direct Admission

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

14. Program Development Plan
1- Using new concepts in the field of animal production and automation of artificial intelligence.

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
2026-2027	UNI113	English	Basic	√	√			√		√		√			
	UNI112	Democracy and human rights			√										
2026-2027	ANP1101	Principles of animal production		√	√			√	√	√		√			
	AGR111	Organic Chemistry		√	√					√		√			
2026-2027	AGR114	mathematics			√					√		√			
	ANP1102	Public animal		√	√			√	√	√		√			
2026-2027	UNI121	Arabic			√							√			
	UNI124	computer		√	√			√	√	√		√			

2026-2027	ANP1203	**Principles of domestic birds**		√	√			√	√	√		√			
2026-2027	ANP1204	**Plant protection**										√			
2026-2027	ANP1205	**Analytical Chemistry**		√	√			√	√	√		√			
2026-2027	ANP1206	**count**		√	√			√	√	√		√			
2026-2027	UNI211	**Arabic Language 2**		√	√							√			
2026-2027	UNI212	**Computer 2**		√	√			√	√	√		√			
2026-2027	ANP2101	**Principles of Microbiology**		√				√	√	√		√			
2026-2027	ANP2102	**Baath regime crimes**		√	√							√			
2026-2027	ANP2103	**Fish principles**		√	√			√	√	√		√			

2026-2027	ANP2104	**Mechanized animal production**		√	√			√	√			√			
2026-2027	ANP2105	**Animal product health**		√	√			√	√	√		√			
2026-2027	UNI222	**Forage crops and pasture management**		√	√			√	√			√			
2026-2027	ANP2206	**Genetics**		√	√			√	√	√		√			
2026-2027	ANP2207	**Principles of Dairy Science**		√	√			√	√			√			
2026-2027	AGR221	**biochemistry**		√				√	√	√		√			
2026-2027	UNI221	**English 2**		√	√			√				√			
2026-2027	ANP2205	**Fish farming and production**		√	√			√	√	√		√			

2026-2027		**Animal physiology**		√	√			√	√	√		√			
2026-2027		**Hatching and hatchery management**		√	√			√	√	√		√			
2026-2027		**animal feed**		√	√			√	√	√		√			
2026-2027		**Animal production economics**		√	√			√	√			√			
2026-2027		**Animal environment and behavior**		√	√			√	√	√		√			
2026-2027		**Design and analysis of experiments**		√	√			√	√	√		√			
2026-2027		**Animal diseases**		√	√					√		√			

2026-2027		**English**		√	√			√	√	√		√			
2026-2027		**poultry feeding**		√	√			√		√		√			
2026-2027		**Raising and improving poultry**		√	√			√	√	√		√			
2026-2027		**Sheep and goat production**		√	√			√	√	√		√			
2026-2027		**Beef cattle production**		√	√			√	√	√		√			
2026-2027		**Poultry management and production**		√	√			√	√	√		√			
2026-2027		**Pasture Management**		√	√			√	√	√		√			
2026-2027		**Graduation research project**		√	√			√		√		√			

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

Course Description Form

1. Course Name:
2. Course Code:
3. Semester / Year:
4. Description Preparation Date:
5. Available Attendance Forms:
6. Number of Credit Hours (Total) / Number of Units (Total)
7. Course administrator's name (mention all, if more than one name)
Name: Email:
8. Course Objectives

Course Objectives	• ..... • ..... • .....

9. Teaching and Learning Strategies

Strategy	

10. Course Structure

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

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

Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, reports…)	
Electronic References, Websites	