



University of Misan
Faculty of Agriculture – Department of
Animal Production

جامعة ميسان
كلية الزراعة – قسم الإنتاج الحيواني

First Cycle – bachelor's degree (B.Sc.) – Agricultural Sciences

بكالوريوس- علوم زراعية



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1. **Mission & Vision Statement**

Vision Statement

Preparing and qualifying trained technical cadres capable of providing the private sector and relevant government institutions (faculties of agriculture - Ministry of Agriculture and its affiliated departments - specialized institutions and research centers) with scientific competencies and distinguished technical expertise in animal production that help improve and increase the domestic product of the food basket to achieve an economic return and make a qualitative leap in performance commensurate with the population increase and the requirements of the labor market and keep pace with development and global development.

The Department of Animal Production, through the College of Agriculture, aspires to be a high-level scientific center, which enhances the march of scientific and technical progress and provides scientific and practical advice for investment projects, and contributes to economic development through the development and development of livestock in Iraq.

Mission Statement

Encouraging young graduates of preparatory schools and agricultural institutes to engage in agricultural academic training for Iraqi colleges of agriculture to ensure that they obtain future job opportunities that serve the labor market and develop the foundations of sustainable development in Iraq to enhance food security.

Commitment to prepare agricultural engineers who keep pace with the needs of the labor market capable of competing and contributing to the development of the fields of animal production and following the latest advanced educational systems and applying systems to preserve the environment and serve the community.

2. Program Specification

Programme code:	BSc-BIO	ECTS	240
Duration:	4 levels, 8 Semesters	Method of Attendance:	Full Time

The Department of Animal Production is one of the main scientific departments in the structure of the College of Agriculture at the University of Misan . The department seeks to graduate trained professional technical cadres specialized in the management and development of animal production projects according to modern scientific methods to advance the reality of animal production in Iraq and contribute to providing food security for the country. The performance of the scientific department is consistent with the strategy of the college and the university to advance the agricultural reality in the province of Misan and in the southern region of Iraq in general and contribute to finding solutions to the problems of poverty and hunger in the world and adopting the concept of sustainable development of livestock resources at the level of humanitarian goals. The activities of the department in achieving its objectives face many obstacles that limit development and achievement, foremost of which is the absence of legal legislation that enhances the protection of livestock, codifies the investment of available resources and the development of their management, as well as the lack of effective workshops to link academic institutions with the community to generalize the benefit of scientific achievement of research and training in public and private sector projects.

The department aims to graduate students specialized in livestock sciences in its various subjects, which contributes to filling the shortage in this specialization as well as contributing to the development of animal projects in Iraq.

Misan Governorate in southern Iraq is famous for its fresh water bodies, many practice the activities of raising buffaloes, cows, sheep and poultry of various kinds in different areas of the province and the southern region in particular and throughout Iraq in general, so the need for good training for the workforce and the preparation of a specialized cadre of youth energies possessing the scientific and practical background in this field is one of the necessities. On this basis, the Department of Animal Production was established in recognition of these needs, and the development of the livestock sector in the province and the country can only be achieved through wise planning and exploitation of resources based on modern scientific techniques. Thus, the department aims to prepare qualified human cadres in several main areas: teaching, scientific research and animal husbandry.

The role of the department in this field can be summarized by the following points

Graduating scientifically distinguished cadres who hold a bachelor's degree and higher degrees of master's and doctorate to support state institutions and the private sector.

Preparing researchers with the ability to develop the reality of scientific research and introduce modern technologies in the field of animal production.

3. Program Objectives

1- Investing the energy of the youth in the government agricultural program and withdrawing them from focusing on some of the bloated specializations.

- 2- The use of modern scientific techniques in achieving the highest economic returns in light of the increasing production cost changes as a result of the pressure of climate change and competition with major global producers, and the development of work methods through electronic governance.
- 3- Increasing the domestic product of food by local hands and efficiency and reducing dependence on foreign imports.
- 4- Supporting investment and research funding for applied pioneering projects in the field of animal production sciences for the public and private sectors.
- 5- Qualifying and developing scientific cadres of teachers, technicians and distinguished students through training courses and workshops that simulate the labor market and sustainable development and supporting fellowships and scholarships to achieve leadership and excellence in animal production sciences.
- 6- Supporting and marketing applied research in the field of animal production.
- 7- Activating relations with universities, research centers and advanced international scientific institutions in the field of animal production.
- 8- Developing a culture of voluntary community service and cooperation with the private sector in the field of animal production to contribute to raising awareness, applying modern experiences and stabilizing the market.
- 9- Effective contribution to enhancing the university's position and classification internationally through distinguished studies and research in animal production and publishing in sober scientific journals.
- 10- Periodic review of the curricula of the Department of Animal Production / Colleges of Agriculture in Iraq in preliminary and postgraduate studies in accordance with the standards of changes, development and global competition, and the use of the sectorial committee meeting in the periodic review.
- 11- The academic program in the Department of Animal Production is concerned with the development of human cadres and the scientific qualification of graduate students in the management of agricultural animals, domestic birds and fish according to the following sciences and disciplines: (animal management - animal nutrition - animal physiology - animal breeding and improvement - various animal products).

The department is keen to integrate as much as possible between practical and theoretical lessons and seeks to provide laboratories and fields that help refine students' skills and turn them into practical experiences, as well as focusing on field practice and summer training courses.

4. Student Learning Outcomes

- 1: Knowing the most important animals that can contribute to increasing a certain type of animal production.
- 2: Knowing the most important types of animals prevalent in the region and thus finding a program to breed them and increase their production.
- 3: Finding a balance between growing crops to feed humans and fodder crops used in feeding animals.

- 4: Identifying the most important compounds and elements needed by animals.
- 5: Harvesting plants at appropriate times that can benefit the producer and then the animal.
- 6: Trying to raise the product from field crops and animal production alike.

Outcome 1

Identification of Complex Relationships

Identify and learn about different animals and the most important world-famous breeds.

Know the requirements for any type of production and the ideal conditions that suit these animals.

Field operations necessary for farm animals.

Enabling students to solve problems related to diseases.

Outcome 2

Oral and Written Communication

Ask questions and answers in the classroom.

Raise environmental and scientific problems and transform to find solutions.

Outcome 3

Laboratory and Field Studies

Graduates will be able to perform laboratory experiments and field studies, by using scientific equipment and computer technology while observing appropriate safety protocols.

Outcome 4

Scientific Knowledge

Enable the student to communicate with modern sciences related to his specialization and other agricultural specializations.

Lectures, seminars and seminars

Field Practice and Scientific Laboratories

Outcome 5

Data Analyses

Graduates will be able to demonstrate scientific quantitative skills, such as the ability to conduct simple data analyses.

Outcome 6

Critical Thinking

Graduates will be able to use critical-thinking and problem-solving skills to develop a research project and/or paper.

5. Academic Staff

Teaching Name	Scientific title	Certification	Specialization		E-mail Address	Phone Number
			General	Exact		
Assist. Prof. Qusai Hattab Madhi	Assist. Prof.	Ph. D.	Plant production	Plant disease	qusay.hattab@uomisan.edu.iq	07707361441
Mohammed Hatoo Mohammed	Assist. Prof.	Master	Fish and marine wealth	Fish and marine wealth	bigland.station@yahoo.com	07727079321
Dr. Yahya Ajib Oudah	Lecturer	Ph. D.	Soil Sciences and Water Resources	soil physics	Yahya.alajeb@gmail.com	07700062088
Noor falah mahde	Lecturer	Master	Animal production	Animal production	Noor.falah@uomisan.edu.iq	07740720335
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Dunya Mohi Mohsin	Assistant lecturer	Master	Horticulture	Horticulture	dunya.m.moysin@uomisan.edu.iq	07730218956
Ali Adnan Hassoun	Assistant lecturer	Master	Field crops	Field crops	ali.adnan@uomisan.edu.iq	07705572490
Ayat Jawdat Kathem	Assistant lecturer	Master	Chemistry	Physical Chemistry	ayat.jawdat@uobasrah.edu.iq	07719867662
Abbas Luaibi Obaid	Assistant lecturer	Master	Computer Engineering	information Technology	abbas.alrajhe@uomisan.edu.iq	07705598308

6. Credits, Grading and GPA

Credits

Misan University is following the Bologna Process with the European Credit Transfer System (ECTS) credit system. The total degree program number of ECTS is 240, 30 ECTS per semester. 1 ECTS is equivalent to 25 hrs student workload, including structured and unstructured workload.

Grading

Before the evaluation, the results are divided into two subgroups: pass and fail. Therefore, the results are independent of the students who failed a course. The grading system is defined as follows:

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:				
Number 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.				

Calculation of the Cumulative Grade Point Average (CGPA)

1. The CGPA is calculated by the summation of each module score multiplied by its ECTS, all are divided by the program total ECTS.

CGPA of a 4-year B.Sc. degree:

$$\text{CGPA} = [(1^{\text{st}} \text{ module score} \times \text{ECTS}) + (2^{\text{nd}} \text{ module score} \times \text{ECTS}) + \dots] / 240$$

7. Curriculum/Modules

Semester 1 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
UM102	English language	32	12	2	B	
UM104	Democracy and Human rights	32	18	2	B	
ANPR123	Animal Production	78	97	7	C	
ANCH121	Analytical chemistry	78	97	7	B	
MATH111	Mathematics	93	57	5	B	
ZOOL126	Zoology	78	97	7	B	

Semester 2 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
UM101	Arabic language	32	18	2	B	
UM103	Computer	48	27	3	B	
DOBR112	Domestic Bird	78	72	6	C	
PLPR122	Plant Protection	78	72	6	B	
ORCH125	Organic Chemistry	78	72	6	B	
FICR115	Field Crops	78	97	7	B	

Semester 3 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

Semester 4 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

Semester 5 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

Semester 6 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

Semester 7 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

Semester 8 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

8. **Contact**

Program Manager:

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