



Academic Program Description Form

University Name: University of Mosul

Faculty/Institute: College of Veterinary Medicine

Scientific Department: College of Veterinary Medicine

Academic or Professional Program Name: Bachelor in Veterinary Medicine and Surgery

Final Certificate Name: Bachelor in Veterinary Medicine and Surgery

Academic System: Semesters

Description Preparation Date: 1/9/2025

File Completion Date: : 1/9/2025

Signature:

Head of Department Name: Saevan Saad Al-Mahmmod

Date: 1/9/2025

Signature:

Scientific Associate Name: Mohammad Osamah Dahl

Date: 1/9/2025

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Ammar Mahmood Ahmed Al-Aalim

Date: 1/9/2025

Signature:



Approval of the Dean

Saevan Saad Al-Mahmmod

1. Program Vision

Excellence and creativity in the field of veterinary sciences in accordance with international standards and leadership in veterinary education and scientific research to ensure animal health and livestock development with a healthy environment.

2. Program Mission

Preparing graduates of veterinarians and scientific staff specialized in medical sciences and veterinary surgery to contribute to the prevention of diseases of animals, the diagnosis and treatment of diseases, the preservation and development of livestock, as well as the fight against common diseases and environmental pollution.

3. Program Objectives

1. Teaching the students various medical sciences and veterinary surgery during five consecutive years.
2. Providing clinical services by faculty professors and with the participation of students in the diagnosis and treatment of animal diseases.
3. Providing advice to animal owners, livestock projects and poultry farming on the best ways to manage, develop and improve animal projects.
4. Maintaining human health by controlling common diseases that are transmitted from animals to humans.
5. Holding continuing education courses in various specialties of veterinary medicine for veterinarians to increase and develop their scientific and clinical information to serve the community.
6. Conducting scientific research in various fields of veterinary medicine and working to solve the problems facing livestock in the country.
7. Developing and graduating a qualified scientific cadre for teaching and scientific research in various veterinary specialties.
8. Improving the environment by controlling environmental pollution, which reflects positively on human health.

4. Program Accreditation

No

5. Other external influences

There is no external sponsor.

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	5	10	7%	Basic
College Requirements	64	266	91%	Basic
Department Requirements	-	-	-	-
Summer Training	1	15	1.4%	Basic
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
First Year First Semester Polonga Process	UOM102	English language	2	-
	UOM104	Democracy and Human Rights	2	-
	VET101	General Biology	3	2
	VET102	Skeleton Anatomy	3	3
	VET103	Animal Management	3	2
	VET104	Biorisk Management	1	-
First Year Second Semester Polonga Process	UOM101	Arabic language	2	-
	UOM103	Computer	2	2
	VET105	General Chemistry	2	2
	VET106	Muscular Anatomy	3	3
	VET107	Animal Husbandry	2	-
	VET108	Poultry Management	1	2
Second Year First Semester Polonga Process	UOM205	Ba 'ath regime crimes	2	2
	VET201	Visceral Anatomy	2	2
	VET202	Basic Histology	3	2
	VET203	General Physiology	2	3

	VET204	Basic Biochemistry	4	2
	VET205	Animal Nutrition	2	-
	UOM1032	Computer	2	2
Second Year Second Semester Polonga Process	VET206	Neural and vascular Anatomy	2	2
	VET207	Biochemistry	2	2
	VET208	Systemic Histology and Embryology	3	2
	VET209	Systemic Physiology	2	3
	VET210	Applied Statistics	4	2
	UOM1012	Arabic language	2	-
	UOM1022	English language	2	-
Third Year First Semester	VEM3104	General Microbiology	3	2
	VED3100	General Pathology	3	3
	VEM3102	Helminthology	3	2
	VEM3115	Immunology	2	2
	VEP3101	Pharmacology - 1	3	2
	VEH3116	Toxicology	2	-
Third Year Second Semester	VEM3122	Protozoa and Arthropod	3	2
	VEM3124	Special Microbiology	3	2
	VED3120	Systemic Pathology	3	3
	VEP3121	Pharmacology - 2	3	2
	VEM3126	Virology	2	2
	VEC3127	Veterinary Clinic	-	2
Fourth Year First Semester	VED4119	Clinical Pathology - 1	1	2
	VED4113	Female Fertility	2	2
	VED4117	Infectious Diseases - 1	3	-
	VED4110	Internal Medicine - 1	3	-
	VED4111	Morbid Anatomy - 1	1	2
	VED4114	Poultry Diseases - 1	2	2
	VED4115	Surgery - 1	3	2
	VEC4112	Veterinary Clinic - 1	-	4
Fourth Year Second Semester	VED4127	Clinical Pathology - 2	1	2
	VED4126	Infectious Diseases - 2	3	-
	VED4128	Internal Medicine - 2	3	-
	VED4121	Morbid Anatomy - 2	1	2
	VED4124	Poultry Diseases - 2	2	2
	VED4125	Surgery - 2	3	2
	VEC4123	Veterinary Clinic - 2	-	4
	VED4122	Veterinary Obstetrics	2	2

	VED4107	Zoonotic Diseases	2	-
Fifth Year First Semester	VED5110	Fish Diseases	2	2
	VED5113	Internal Medicine - 1	3	-
	VEC5111	Male Fertility	1	2
	VEH5114	Meat Hygiene	2	2
	VEC5115	Surgery - 1	2	2
	VEC5112	Veterinary Clinic - 1	-	14
	Fifth Year Second Semester	VED5120	Internal Medicine - 2	3
VEH5121		Milk Hygiene	2	2
VEC5117		Reproductive Biotechnology	1	2
VEC5123		Surgery - 2	2	2
VEC5118		Veterinary Clinic - 2	-	12
VEC5119		Veterinary Ethics	1	-
VED5122		Veterinary Forensic Medicine	1	-
VEC5125		Research Projects	1	1
	VEC5109	Summer Clinic	-	15

8. Expected learning outcomes of the program

Knowledge	
A1.	Knowledge of the basic anatomy of animals.
A2.	Knowledge of animal production and animal husbandry.
A3.	Knowledge of animal diseases and their causes.
A4.	Knowledge of animal treatment and preventing diseases.
Skills	
B1.	Find out the methods of administration of the medication in various animals; orally and intramuscular, subcutaneous or intravenous injection.
B2.	Knowledge of surgical operation techniques.
B3.	Examining the dead animals, conducting a pathological autopsy and taking
B4.	Knowledge of pregnancy diagnosis and obstetrics in farm animals.
Ethics	
C1.	Deal sincerely with animal breeders, professional colleagues and competent authorities.

C2.	Work professionally with respect to the professional and legal responsibilities of the veterinarian and understand and apply the laws on the ethics of the veterinary profession.
C3.	Not to be affected by economic and emotional pressures when making decisions.
C4.	Provide emergency care for all kinds of animals.

9. Teaching and Learning Strategies

- Theoretical lectures.
- Practical work in laboratory.
- Practical classes utilizing live animals.
- Practice in the University Veterinary Clinic.

10. Evaluation methods

- Written Examination.
- Practical Examination.
- Objective Structured Practical Veterinary examination (OSPVE).

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Professor	Vet. Med. Surgery	Vet. Microbiology			4	
	Vet. Med. Surgery	Vet. Pharmacology			4	
	Vet. Med. Surgery	Vet. Pathology			3	
	Vet. Med. Surgery	Vet. Obstetrics			2	

	Vet. Med. Surgery	Vet. Surgery			2	
	Vet. Med. Surgery	Vet. Public Health			3	
	Vet. Med. Surgery	Vet. Medicine			3	
	Vet. Med. Surgery	Vet. Parasitology			4	
	Vet. Med. Surgery	Vet. Physiology			2	
	Vet. Med. Surgery	Vet. Biochemistry			1	
	Sciences	Microbiology			1	
	Agriculture	Animal Breeding			1	
Assistant Professor	Vet. Med. Surgery	Vet. Microbiology			5	
	Vet. Med. Surgery	Vet. Anatomy			4	
	Vet. Med. Surgery	Vet. Pharmacology			2	
	Vet. Med. Surgery	Vet. Toxicology			2	
	Vet. Med. Surgery	Vet. Pathology			5	
	Vet. Med. Surgery	Vet. Obstetrics			5	
	Vet. Med. Surgery	Vet. Surgery			8	
	Vet. Med. Surgery	Vet. Public Health			3	
	Vet. Med. Surgery	Vet. Medicine			8	
	Vet. Med. Surgery	Vet. Parasitology			4	
	Vet. Med. Surgery	Vet. Physiology			5	
	Vet. Med. Surgery	Vet. Biochemistry			1	
	Sciences	Microbiology			1	
	Sciences	Parasitology			1	
	Sciences	Biochemistry			1	
Lecturer	Vet. Med. Surgery	Vet. Microbiology			3	

	Vet. Med. Surgery	Vet. Anatomy			2	
	Vet. Med. Surgery	Vet. Pharmacology			7	
	Vet. Med. Surgery	Poultry Diseases			4	
	Vet. Med. Surgery	Vet. Clinical Pathol.			4	
	Vet. Med. Surgery	Vet. Immunology			1	
	Vet. Med. Surgery	Vet. Pathology			5	
	Vet. Med. Surgery	Vet. Obstetrics			1	
	Vet. Med. Surgery	Vet. Surgery			3	
	Vet. Med. Surgery	Vet. Public Health			2	
	Vet. Med. Surgery	Vet. Medicine			1	
	Vet. Med. Surgery	Vet. Parasitology			1	
	Vet. Med. Surgery	Vet. Physiology			5	
	Vet. Med. Surgery	Vet. Biochemistry			3	
	Sciences	Genetic			1	
	Sciences	Chemistry			1	
	Agriculture	Animal Nutrition			1	
	Agriculture	Animal Physiology			1	
Assistant Lecturer	Vet. Med. Surgery	Vet. Microbiology			1	
	Vet. Med. Surgery	Vet. Anatomy			3	
	Vet. Med. Surgery	Vet. Pharmacology			1	
	Vet. Med. Surgery	Vet. Pathology			3	
	Vet. Med. Surgery	Vet. Surgery			1	
	Vet. Med. Surgery	Vet. Public Health			1	
	Vet. Med. Surgery	Vet. Medicine			1	
	Vet. Med. Surgery	Vet. Parasitology			3	
	Vet. Med. Surgery	Vet. Clinical Pathol.			2	

	Sciences	Chemistry			1	
	Agriculture	Animal Nutrition			1	

Professional Development

Mentoring new faculty members

New faculty members must do the following:

1. Completing teaching methods courses and passing related exams.
2. Passing the teaching suitability test.

Professional development of faculty members

Faculty members are developed through the following:

1. Training courses in the field of computers and its applications.
2. Training courses in the field of English.

11. Acceptance Criterion

Students are admitted to college through the central admission

12. The most important sources of information about the program

1. Instructions for approving curricula issued by the Ministry of Higher Education and Scientific Research.
2. Curriculum requirements approved by program accreditation committees for colleges of veterinary medicine

13. Program Development Plan

1. Forming a higher committee to match the approved curricula with the approved curricula in scientific universities.
2. Choose reputable universities and view the curricula approved therein.
3. Approving the recommendations issued by the Supreme Committee for Curriculum Conformity.

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
First Year First Semester Polonga Process	UOM102	English language	Basic		X				X						
	UOM104	Democracy and Human Rights	Basic											X	
	VET101	General Biology	Basic			X				X			X		
	VET102	Skeleton Anatomy	Basic	X											
	VET103	Animal Management	Basic		X			X				X			
	VET104	Biorisk Management	Basic			X				X		X			
First Year Second Semester Polonga Process	UOM101	Arabic language	Basic											X	
	UOM103	Computer	Basic		X					X					
	VET105	General Chemistry	Basic						X						
	VET106	Muscular Anatomy	Basic	X											
	VET107	Animal Husbandry	Basic		X			X				X			

	VET108	Poultry Management	Basic		X			X				X			
Second Year First Semester Polonga Process	UOM205	Ba 'ath regime crimes	Basic												X
	VET201	Visceral Anatomy	Basic	X											
	VET202	Basic Histology	Basic	X											
	VET203	General Physiology	Basic		X			X		X					
	VET204	Basic Biochemistry	Basic					X		X					
	VET205	Animal Nutrition	Basic		X			X							
	UOM1032	Computer	Basic		X						X				
Second Year Second Semester Polonga Process	VET206	Neural and vascular Anatomy	Basic	X											
	VET207	Biochemistry	Basic					X		X					
	VET208	Systemic Histology and Embryology	Basic	X											
	VET209	Systemic Physiology	Basic		X			X		X					
	VET210	Applied Statistics	Basic		X										

	VEC3127	Veterinary Clinic	Basic		X				X			X		
Fourth Year First Semester	VED4119	Clinical Pathology - 1	Basic		X				X				X	
	VED4113	Female Fertility	Basic	X	X	X	X	X			X	X	X	X
	VED4117	Infectious Diseases - 1	Basic		X				X				X	
	VED4110	Internal Medicine - 1	Basic		X				X				X	
	VED4111	Morbid Anatomy - 1	Basic	X		X	X			X				X
	VED4114	Poultry Diseases - 1	Basic	X	X	X	X			X		X	X	
	VED4115	Surgery - 1	Basic	X				X	X					
	VEC4112	Veterinary Clinic - 1	Basic		X				X				X	
	Fourth Year Second Semester	VED4127	Clinical Pathology - 2	Basic		X				X				X
VED4126		Infectious Diseases - 2	Basic		X				X				X	
VED4128		Internal Medicine - 2	Basic		X				X				X	
VED4121		Morbid Anatomy - 2	Basic	X		X	X			X				X

	VED4124	Poultry Diseases - 2	Basic	X	X	X	X			X		X	X		
	VED4125	Surgery - 2	Basic	X				X	X						
	VEC4123	Veterinary Clinic - 2	Basic		X				X				X		
Fifth Year First Semester	VED4122	Veterinary Obstetrics	Basic	X	X	X	X	X	X		X	X	X	X	X
	VED4107	Zoonotic Diseases	Basic			X				X			X		
	VED5110	Fish Diseases	Basic	X	X	X	X			X		X	X		
	VED5113	Internal Medicine - 1	Basic	X					X				X		
	VEC5111	Male Fertility	Basic	X	X	X	X	X			X	X	X	X	X
	VEH5114	Meat Hygiene	Basic	X				X							
	VEC5115	Surgery - 1	Basic	X				X	X						
	VEC5112	Veterinary Clinic - 1	Basic	X					X				X		
	VED5120	Internal Medicine - 2	Basic	X					X				X		
	VEH5121	Milk Hygiene	Basic	X				X							

Fifth Year Second Semester	VEC5117	Reproductive Biotechnology	Basic	X				X	X		X	X	X	X	X
	VEC5123	Surgery - 2	Basic	X				X	X						
	VEC5118	Veterinary Clinic - 2	Basic	X					X				X		
	VEC5119	Veterinary Ethics	Basic		X							X	X	X	X
	VED5122	Veterinary Forensic Medicine	Basic	X	X	X	X			X	X	X	X	X	
	VEC5125	Research Projects	Basic		X				X				X		
	VEC5109	Summer Clinic	Basic	X					X				X		

- Please tick the boxes corresponding to the individual program learning outcomes