

# University of Mosul جامعة الموصل



*First Cycle – Bachelor's Degree (B.Sc.) – Veterinary Medicine and Surgery*  
بكالوريوس – طب وجراحة بيطرية



## Table of Contents

## جدول المحتويات

1. Mission & Vision Statement	١. بيان المهمة والرؤية
2. Program Specification	٢. مواصفات البرنامج
3. Program (Objectives) Goals	٣. أهداف البرنامج
4. Program Student learning outcomes	٤. مخرجات تعلم الطالب
5. Academic Staff	٥. الهيئة التدريسية
6. Credits, Grading and GPA	٦. الاعتمادات والدرجات والمعدل التراكمي
7. Modules	٧. المواد الدراسية
8. Contact	٨. اتصال

## 1. Mission & Vision Statement

### *Vision Statement*

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.

### *Mission Statement*

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.

## 2. Program Specification

Programme code:	BSc-VMS	ECTS	300
Duration:	5 levels, 10 Semesters	Method of Attendance:	Full Time

The duration of the study at the College of Veterinary Medicine is five years, after which the student is awarded a Bachelor degree in Veterinary Medicine and Surgery. The student at the College of Veterinary Medicine receives theoretical, practical, and clinical lectures in the various fields of

veterinary medicine to be qualified to contribute to the development, protection and treatment of livestock from diseases, control of zoonotic diseases, and provide healthy animal products. The college has seven scientific departments and a typical educational veterinary hospital.

### **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. Student Learning Outcomes**

#### **Outcome 1**

##### *Knowledge*

1. Knowledge of the basic anatomy of animals.
2. Knowledge of animal production, animal husbandry.
3. Knowledge of animal diseases and their causes.
4. Knowledge of animal treatment and preventing diseases.

#### **Outcome 2**

##### *Skills*

1. Find out the methods of administration of the medication in various animals; orally and intramuscular, subcutaneous or intravenous injection.
2. Knowledge of surgical operation techniques.
3. Examining the dead animals, conducting a pathological autopsy and taking
4. Knowledge of pregnancy diagnosis and obstetrics in farm animals.

#### **Outcome 2**

##### *Ethics*

1. Deal sincerely with animal breeders, professional colleagues and competent authorities.

2. 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.
3. Not to be affected by economic and emotional pressures when making decisions.
4. Provide emergency care for all kinds of animals.

## 5. Academic Staff

Muntaha Ghazi Hasan | Ph.D. in Veterinary Public Health | Professor

Email: [mghassan99@uomosul.edu.iq](mailto:mghassan99@uomosul.edu.iq)

Mobile no.: 07701888560

---

Yaareb Jaafar Mousa | Ph.D. in Veterinary Pharmacology | Professor

Email: [yarub204@uomosul.edu.iq](mailto:yarub204@uomosul.edu.iq)

Mobile no.: 07701609754

---

Safwan Yousif Mahmood | Ph.D. in Veterinary Microbiology | Professor

Email: [safwanyousif@uomosul.edu.iq](mailto:safwanyousif@uomosul.edu.iq)

Mobile no.: 07709981631

---

Ammar Ghanim Mohammad Al Haaik | Ph.D. in Veterinary Anatomy | Assistant Professor

Email: [alhaaik\\_ag@uomosul.edu.iq](mailto:alhaaik_ag@uomosul.edu.iq)

Mobile no.: 07705989369

---

## 6. Credits, Grading and GPA

### **Credits**

College of Veterinary Medicine at University of Mosul is following the Bologna Process with the European Credit Transfer System (ECTS) credit system. The total degree program number of ECTS is 300, 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
<b>Success Group (50 - 100)</b>	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
<b>Fail Group (0 - 49)</b>	FX – Fail	راسب - قيد المعالجة	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required
<b>Note:</b>				
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)

- 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 5-year B.Sc. degree:

$$CGPA = [ (1st\ Module\ score \times ECTS) + (2nd\ Module\ score \times ECTS) + \dots ] / 300$$

## 7. Curriculum/Modules

Semester 1 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
UOM102	English language	33	17	2.00	B	
UOM104	Democracy and Human rights	33	17	2.00	B	
VET101	General Biology	78	122	8.00	B	
VET102	Skeleton Anatomy	93	107	8.00	C	
VET103	Animal Management	78	97	7.00	C	
VET104	Biorisk Management	18	57	3.00	C	

**Semester 2 | 30 ECTS | 1 ECTS = 25 hrs**

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
UOM101	Arabic language	33	17	2.00	B	
UOM103	Computer	63	12	3.00	B	
VET105	General Chemistry	63	87	6.00	B	
VET106	Muscular Anatomy	93	132	9.00	C	
VET107	Animal Husbandry	33	92	5.00	C	
VET108	Poultry Management	48	77	5.00	C	

**Semester 3 | 30 ECTS | 1 ECTS = 25 hrs**

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
UOM205	Ba 'ath regime crimes	33	17	2.00	B	
VET201	Visceral Anatomy	78	72	6.00	C	
VET202	Basic Histology	63	62	5.00	C	
VET203	General Physiology	78	72	6.00	C	
VET204	Basic Biochemistry	63	62	5.00	C	
VET205	Animal Nutrition	78	72	6.00	C	

**Semester 4 | 30 ECTS | 1 ECTS = 25 hrs**

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
VET206	Neural and vascular Anatomy	78	72	6.00	C	
VET207	Biochemistry	63	62	5.00	C	
VET208	Systemic Histology and Embryology	93	82	7.00	C	
VET209	Systemic Physiology	78	72	6.00	C	
VET210	Applied Statistics	48	27	3.00	C	
VET211	Genetics	33	42	3.00	C	

**Semester 5 | 30 ECTS | 1 ECTS = 25 hrs**

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
VET301	Helminthology	63	62	5.00	C	
VET302	General Pharmacology	63	62	5.00	C	
VET303	Veterinary Virology	63	62	5.00	C	
VET304	General Microbiology	63	62	5.00	C	
VET305	General Pathology	63	62	5.00	C	
VET306	Veterinary Immunology	63	62	5.00	C	

**Semester 6 | 30 ECTS | 1 ECTS = 25 hrs**

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
VET307	Protozoa and Arthropod	63	62	5.00	C	
VET308	Clinical Pharmacology and Toxicology	78	72	6.00	C	
VET309	Systematic Bacteriology and Mycology	63	62	5.00	C	
VET310	Systemic Veterinary Pathology	78	72	6.00	C	
VET311	Clinical Pathology	78	72	6.00	C	
VET312	Animal Physical examination	33	17	2.00	C	

**Semester 7 | 30 ECTS | 1 ECTS = 25 hrs**

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
VET401	Gastroenterology Medicine	48	77	5.00	C	
VET402	Ruminant Infectious Diseases	48	77	5.00	C	
VET403	Infectious Poultry Diseases	63	62	5.00	C	
VET404	General Veterinary Surgery	78	72	6.00	C	
VET405	Female and Male Fertility and Gentile Diseases	78	72	6.00	C	
VET406	Basic Veterinary Clinic	63	12	3.00	C	

**Semester 8 | 30 ECTS | 1 ECTS = 25 hrs**

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
VET407	Respiratory and Neural Medicine	48	77	5.00	C	
VET408	Veterinary Orthopedic Surgery and Diagnostic Image	78	72	6.00	C	
VET409	Non-infectious Poultry Diseases	63	62	5.00	C	
VET410	Veterinary Obstetrics	63	62	5.00	C	
VET411	Monogastric Infectious diseases	48	77	5.00	C	
VET412	Veterinary Clinic	63	37	4.00	C	

**Semester 9 | 30 ECTS | 1 ECTS = 25 hrs**

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
VET501	Large animal surgery	63	62	5.00	C	
VET502	Metabolic and Nutrition Disorder	33	67	4.00	C	
VET503	Meat Hygiene	63	37	4.00	C	
VET504	Reproductive Biotechnology and Artificial Insemination	63	37	4.00	C	
VET505	Morbid anatomy and Forensic Medicine	78	47	5.00	C	
VET506	Primary Veterinary Rotation Clinic	168	32	8.00	C	

**Semester 10 | 30 ECTS | 1 ECTS = 25 hrs**

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
VET507	Small animal surgery	63	62	5.00	C	
VET508	Animals Systematic medicine	48	77	5.00	C	
VET509	Veterinary Ethics	18	7	1.00	C	
VET510	Milk hygiene	63	62	5.00	C	
VET511	Fish diseases	63	62	5.00	C	
VET512	Specialized Veterinary Rotation Clinic	183	42	9.00	C	

## 8. Contact

Program Manager:

Saevan Saad Fathel Al-Mahmmod | Ph.D. Veterinary Pathology | Professor

E.mail: [saevan981@uomosul.edu.iq](mailto:saevan981@uomosul.edu.iq)

Mobile no.: 07701667944

Program Manager:

Mohammad Osamah Dahl | Ph.D Internal and Preventive Medicine | Assistant Professor

E.mail: [mdahl@uomosul.edu.iq](mailto:mdahl@uomosul.edu.iq)

Mobile no.: 077110404737

---