

# University of Fallujah

## جامعة الفلوجة



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

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## 1. Overview

This catalogue is about the courses (modules) given by the program of Veterinary Medicine to gain the Bachelor of Veterinary Medicine and Surgery. The program delivers (60) Modules with (7500) total student workload hours and 300 total ECTS. The module delivery is based on the Bologna Process.

### 1. نظرة عامة

يتناول هذا الدليل المواد الدراسية التي يقدمها برنامج الطب البيطري للحصول على درجة بكالوريوس في الطب والجراحة البيطرية. يقدم البرنامج (60) مادة دراسية، مع (7500) إجمالي ساعات حمل الطالب و 300 إجمالي وحدات أوروبية. يعتمد تقديم المواد الدراسية على عملية بولونيا.

## 2. Undergraduate Courses 2024-2025

### Module 1

Code	Course/Module Title		ECTS	Semester
UFall111	English language		2	1
Class (hr/w)	Lab./	Prac./	SSWL (hr/sem)	USWL (hr/w)
2			33	17
Description				

### Module 2

Code	Course/Module Title		ECTS	Semester
UFall113	Democracy and Human rights		2	1
Class (hr/w)	Lab./	Prac./	SSWL (hr/sem)	USWL (hr/w)
2			33	17
Description				

**Module 3**

Code	Course/Module Title		ECTS	Semester
VET101	General Biology		8	1
Class (hr/w)	Lab./	Prac./	SSWL (hr/sem)	USWL (hr/w)
3	2		78	122
Description				
<p>Understand and study the fine structure of animal cells, their components, shapes and different functions, and study the different cell organelles, their structures and functions.</p> <p>Link scientific concepts to diseases caused by dysfunction of cell organelles inside living cells and study them extensively to highlight the role of organelles in the life and vitality of cells.</p> <p>Identify the general characteristics of protozoa, tapeworms and nematodes, in addition to insects and chordates.</p> <p>Study of comparative anatomy of vertebrate animals</p>				

**Module 4**

Code	Course/Module Title		ECTS	Semester
VET102	Skeleton Anatomy		8	1
Class (hr/w)	Lab./	Prac./	SSWL (hr/sem)	USWL (hr/w)
3	3		96	104
Description				
<p>Modules aimed: to equip veterinary students with a comprehensive understanding of the animal skeletal system, its structure, function., understand anatomical terminology related to the skeletal system., describe the anatomic structure of bones and the different types of bones. And explain the process of bone formation and development.</p>				

**Module 5**

Code	Course/Module Title		ECTS	Semester
VET103	Animal Management and Behavior		7	1
Class (hr/w)	Lab./	Prac./	SSWL (hr/sem)	USWL (hr/w)
3	2		80	95
Description				
<p>The Course cover topics related to animal health, nutrition, and veterinary care and module aimed to develop skills and understanding of Animal Behavior and Welfare, Develop skills of Animal Management, Learning the Legal and Ethical Consideration. Students learn about animal behavior, psychology, and welfare. Learning about the proper handling, housing, and breeding of animals, as well as understanding the importance of environmental enrichment. Students are typically educated about relevant laws and regulations governing animal care and management, as well as ethical considerations related to the treatment of animals. Develop management and leadership skills necessary for supervising staff, managing facilities, and overseeing animal-related programs.</p>				

**Module 6**

Code	Course/Module Title		ECTS	Semester
VET104	Biorisk Management		3	1
Class (hr/w)	Lab./	Prac./	SSWL (hr/sem)	USWL (hr/w)
1			18	57
Description				
<p>Understand Biorisk Management Fundamentals: Provide a comprehensive understanding of the principles and practices involved in managing biological risks. Apply Risk Management Techniques: Equip students with the skills to apply risk assessment and management techniques specifically tailored to biological hazards. Promote Safe Laboratory Practices: Encourage the adoption of best practices for ensuring safety and compliance in laboratory environments. Develop Emergency Response Strategies: Prepare students to develop and implement effective emergency response strategies for biological incidents.</p>				

**Module 7**

Code	Course/Module Title		ECTS	Semester
UFall120	Arabic language		2	2
Class (hr/w)	Lab./	Prac./	SSWL (hr/sem)	USWL (hr/w)
2			33	17
Description				

**Module 8**

Code	Course/Module Title		ECTS	Semester
UFall122	Computer		3	2
Class (hr/w)	Lab./	Prac./	SSWL (hr/sem)	USWL (hr/w)
1	2		51	24
Description				

**Module 9**

Code	Course/Module Title		ECTS	Semester
VET105	General Chemistry		6	2
Class (hr/w)	Lab./	Prac./	SSWL (hr/sem)	USWL (hr/w)
2	2		66	84
Description				

**Module 10**

Code	Course/Module Title		ECTS	Semester
VET106	Muscular Anatomy		8	2
Class (hr/w)	Lab./	Prac./	SSWL (hr/sem)	USWL (hr/w)
3	3		96	104
Description				
<p>The primary aim of this module is to provide students with a comprehensive understanding of the structure, function, and relationships of the muscular system in domestic animals. This knowledge will serve as a foundation for further studies in veterinary medicine, particularly in areas such as animal physiology, pathology, and surgery.</p>				

**Module 11**

Code	Course/Module Title		ECTS	Semester
VET107	Animal Husbandry		5	2
Class (hr/w)	Lab./	Prac./	SSWL (hr/sem)	USWL (hr/w)
2		2	81	69
Description				
<p>This module will provide students with knowledge of animal husbandry and behaviour, and the skills to handle and restrain animals safely and humanely. Students will be exposed to a range of species commonly encountered in veterinary practice to gain confidence in the practical animal handling skills required for physical examination and clinical procedures.</p>				

**Module 12**

Code	Course/Module Title		ECTS	Semester
VET108	Poultry Management		5	2
Class (hr/w)	Lab./	Prac./	SSWL (hr/sem)	USWL (hr/w)
1	2		51	74
Description				
<p>Module provide comprehensive knowledge on the principle and practices of poultry management. Develop practical skill in managing poultry for optimal health, productivity, and profitability. Understand the economic, environmental, and ethical aspects of poultry production. Explain the biological and physiological aspects of poultry species</p>				

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