

## Degree and Study Plan

<b>College</b>	Applied and Health Sciences
<b>Department</b>	Veterinary Medicine
<b>Program</b>	Bachelor of Veterinary Medicine
<b>Degree Level</b>	Bachelor of Veterinary Medicine
<b>Total Credit Hours</b>	158
<b>Cohort</b>	

Summary of Credits	
<b>University Requirements (UR)</b>	12
<b>University Electives (UE)</b>	-
<b>College Requirements (CR)</b>	12
<b>Program Requirements (PR)</b>	128
<b>Program Electives (PE)</b>	6
<b>Total</b>	158

**For more information contact:**

**HoD: Dr. Qais Al Rawahi**

**Dean: Dr. Said Al Ghenaimi**

**Date: 18/09/2024**

Year One	Semester 1 (Fall)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request	Category
	Biol101	Biology-1	3	-	CR
	BIOL181	Biology-1 Lab	1	-	CR
	CHEM101	Chemistry-1	3	-	CR
	CHEM181	Chemistry-1Lab	1	-	CR
	Phys101	Physics-1	3	-	CR
	Phys181	Physics-1 Lab	1	-	CR
	ENGL101	English-1	3	-	UR
	<b>Total Credits</b>		<b>15</b>		
Year One	Semester 2 (Spring)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	VTMD102	Biochemistry	3	CHEM101	PR
	VTMD182	Biochemistry Lab	1	CHEM181 / VTMD102	PR
	VTMD101	Veterinary Anatomy-1	3	BIOL101	PR
	VTMD181	Veterinary Anatomy-1 Lab	1	BIOL181 / VTMD101	PR
	VTMD112	Veterinary Physiology-1	3	BIOL101	PR
	VTMD192	Veterinary Physiology-1 Lab	1	BIOL181 / VTMD112	PR
	ARAB101	Arabic	3		UR
	<b>Total Credits</b>		<b>15</b>		

Year Two	Semester 3 (Fall)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request	Category
	VTMD211	Veterinary Anatomy-2	3	VTMD101	PR
	VTMD281	Veterinary Anatomy-2 Lab	1	VTMD181 / VTMD211	PR
	VTMD212	Veterinary Physiology-2	3	VTMD112	PR
	VTMD282	Veterinary Physiology-2 Lab	1	VTMD192 / VTMD212	PR
	VTMD213	Animal Husbandry	3	BIOL101	PR
	VTMD283	Animal Husbandry Lab	1	BIOL 181 / VTMD213	PR
	MNGT313	Entrepreneurship	3		UR
	<b>Total Credits</b>		<b>15</b>		
Year Two	Semester 4 (Spring)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request	Category
	BIOL201	Microbiology	3	BIOL101	PR
	BIOL281	Microbiology Lab	1	BIOL181 / VTMD201	PR
	VTMD222	Veterinary Histology &Embryology	2	VTMD101	PR
	VTMD292	Veterinary Histology &Embryology Lab	1	VTMD181 / VTMD222	PR
	VTMD223	Animal Genetics &Breeding	2	VTMD102	PR
	-	Elective-1	3	-	PE
	ENGL102	English-2	3	ENGL101	UR

<b>Total Credits</b>	<b>15</b>
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<b>Year Three</b>	<b>Semester 5 (Fall)</b>				
	<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-Request/ Co-Request</b>	<b>Category</b>
	VTMD311	General Veterinary Pathology	3	VTMD101 VTMD222	PR
	VTMD381	General Veterinary Pathology Lab	1	VTMD181 VTMD292 / VTMD311	PR
	VTMD322	Veterinary Microbiology	3	BIOL201	PR
	VTMD392	Veterinary Microbiology Lab	1	BIOL281 / VTMD322	PR
	VTMD312	Veterinary Parasitology	3	BIOL101	PR
	VTMD382	Veterinary Parasitology-Lab	1	BIOL181 / VTMD312	PR
	VTMD313	Veterinary Pharmacology	3	VTMD102 VTMD112	PR
	<b>Total Credits</b>			<b>15</b>	
	<b>Semester 6 (Spring)</b>				
	<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-Request/ Co-Request</b>	<b>Category</b>
	VTMD321	Systemic Veterinary Pathology	3	VTMD311	PR
	VTMD391	Systemic Veterinary Pathology Lab	1	VTMD381 / VTMD321	PR
	VTMD421	Avian Management	2	VTMD213	PR
	VTMD323	Veterinary Immunology	3	BIOL201	PR
	VTMD324	General Veterinary Medicine & Surgery	2	VTMD311	PR
	VTMD393	General Veterinary Medicine & Surgery- Lab	1	VTMD381 / VTMD324	PR
	VTMD325	Animal Nutrition	3	VTMD213	PR
	<b>Total Credits</b>			<b>15</b>	
<b>Summer</b>					
<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-Request/ Co-Request</b>	<b>Category</b>	
VTMD333	Veterinary Forensic Pathology	3	VTMD321	PR	
VTMD334	Veterinary Toxicology	2	VTMD313	PR	
<b>Total Credits</b>			<b>5</b>		

<b>Year Four</b>	<b>Semester 7 (Fall)</b>				
	<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-Request/ Co-Request</b>	<b>Category</b>
	VTMD411	Veterinary Internal Medicine-1	3	VTMD324	PR
	VTMD412	Veterinary Surgery-1	3	VTMD324	PR
VTMD413	Veterinary Infectious & Zoonotic Diseases	3	VTMD322	PR	

	VTMD414	Veterinary Obstetrics & Theriogenology	3	VTMD324	PR
	VTMD415	Veterinary Clinical Pathology	2	VTMD322 VTMD312	PR
	VTMD485	Veterinary Clinical Pathology Lab	1	VTMD392 VTMD382 / VTMD415	PR
	<b>Total Credits</b>		<b>15</b>		
	<b>Semester 8 (Spring)</b>				
	<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-Request/ Co-Request</b>	<b>Category</b>
	VTMD 511	Avian Diseases	3		PR
	VTMD422	Veterinary Artificial Insemination & Embryo Transfer	2		PR
	VTMD423	Veterinary Diagnostic Imaging	2		PR
	VTMD424	Veterinary Surgery-2	3		PR
	VTMD512	Veterinary Anesthesiology	2		PR
	VTMD425	Veterinary Clinic-1	3		PR
	<b>Total Credits</b>		<b>15</b>		
	<b>Summer</b>				
	<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-Request/ Co-Request</b>	<b>Category</b>
VTMD444	Veterinary Internship	3	VTMD311	PR	

Year Five	<b>Semester 9 (Fall)</b>				
	<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-Request/ Co-Request</b>	<b>Category</b>
	MSAF421	Fish Diseases	3	VTMD324	PR
	VTMD513	Veterinary Epidemiology & Biostatistics	3	VTMD413	PR
	VTMD514	Milk & Meat Hygiene	2	VTMD321	PR
	VTMD584	Milk & Meat Hygiene Lab	1	VTMD391 / VTMD514	PR
	VTMD515	Veterinary Clinic-2	6	VTMD425	PR
	<b>Total Credits</b>		<b>15</b>		
	<b>Semester 10 (Spring)</b>				
	<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-Request/ Co-Request</b>	<b>Category</b>
	-	Elective-2	3	-	PE
	VTMD522	Veterinary Internal Medicine-2	3	VTMD411	PR
	VTMD524	Case-Report Seminar	1	VTMD425	PR
	VTMD525	Animal Welfare & Ethics	2	VTMD425	PR
	VTMD526	Veterinary Clinic-3	6	VTMD515	PR

	<b>Total Credits</b>	<b>15</b>		

### List of Program Elective Courses:

A student must register in 2 courses with total of 9 credits hours following the program study plan:			
Course Code	Course Title	Credits	Pre-Request/ Co-Request
FSHNF313	Food Microbiology	3	
MSAF302	Fisheries Management	3	
FSHN F416	Meat & Poultry Technology	3	
VTMD 521	Toxicology	3	
FSHN F211	Food Sanitation	3	
FSHN F415	Dairy Technology	3	

### University Electives:

Choose 2 courses from this list:			
Course Code	Course Title	Credits	Pre-Request/ Co-Request
ARAB102	الأدب العربي	3	
ISLM101	Islamic Civilizations	3	
PHIL101	Introduction to Logic (Philosophy)	3	
SOCI101	Sociology	3	
PSYC100	مدخل إلى علم النفس	3	
FINA202A	التمويل الشخصي	3	
ECON101	الاقتصاد الجزئي	3	
FAID101	First Aid	3	
PUHE211	Introduction to Public Health	3	
LAWC101	القانون في حياتنا	3	
LAWC102	التشريعات الوظيفية	3	
LAWC103	نظام الأسرة	3	