



Degree and Study Plan

College: Agricultural & Marine Sciences
Department: Animal and Veterinary Sciences
Cohorts: 2008 - 2009
Degree: Bachelor of Science
Major: Veterinary Technology

Summary of Credits:

University Requirements (UR)	12
English Requirements	6
Arabic	3
Contemporary Omani Society	1
Oman & Islamic Civilization or Islamic Culture	2
University Electives (UE)	6
See List A	
College Requirements (CR)	31
See list B	
College Electives (CE)	6
See list C	
Departmental Requirements (DR)	
See list D	
Departmental Electives	
See list E	
Major Requirements (AR)	65
See list F	
Major Electives (AE)	9
See list G	
Specialization Requirements (SR)	
See list H	
Specialization Electives (SE)	
See list I	
Minor Requirements (IR)	
See list J	
Minor Electives (IE)	
See list K	
TOTAL	129

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HoD: **Dr. Isam Kadim**
Dean's Office: **Dr. S. A. Prathapar**
Admission and Registration:

Date:
Date:
Date:

DEPARTMENT OF ANIMAL & VETERINARY SCIENCES

VETERINARY TECHNOLOGY

Study Plan: for Cohort 2006-2007

Sem.	Course	Course Title	Cr.	Pre-req./Co-req.*	Cat.
ONE FALL		Intensive English	0		UR
	TOTAL		0		

TWO SPRING	ARAB1001	Arabic	3		UR
	LANC2040	English for Agriculture I	3	=LANC2140	UR
	CAMS2000	Intro. CAMS	1		CR
	CAMS2101	Computer Applications I	3		CR
	MATH1106	Pre-Calculus	4		CR
		University Elective	2		UE
TOTAL		16			

THREE FALL	HIST1010	Oman & Islamic Civilization	2		UR
	LANC2041	English for Agriculture II	3	LANC2040 or LANC2042 /=LANC2141	UR
	BIOL2101	General Biology I	4		CR
	NREC2003	Introduction to Natural Resource Economics	3	LANC2040 or LANC2140 /=CAMS2003	CR
		University Elective	2		UE
		University Elective	2		UE
TOTAL		16			

FOUR SPRING	SOCI3320	Contemporary Omani Society	1	=SOCY1001	UR
	CAMS3001	Biometry & Exp. Design in AMS	3	CAMS2001, LANC2041, MATH1106	CR
	CAMS4002	Seminar & Presentation Skills	2	CAMS2001, LANC2041 / =CAMS3000	CR
	CHEM2101	General Chemistry I	4	MATH1106	CR
	ANVS2001	Introduction to Animal Sciences	3	BIOL2101 or CHEM2101 or PHYS2101	CE
	ANVS2002	Introduction to Veterinary Technology	3	BIOL2101 or CHEM2101 or PHYS2101	CE
TOTAL		16			

FIVE FALL	PHYS2101	General Physics I	4	MATH1106	CR
	ANVS2008	Veterinary Immunology	3	ANVS2001 or ANVS2002	AR
	ANVS3004	Anatomy & Histology	3	ANVS2001	AR
	ANVS3007	Animal Reproductive Physiology	3	ANVS2001	AR
	ANVS3011	Veterinary Nematology	3	ANVS2001 or ANVS2002/ =ANVS2005	AR
	TOTAL		16		

SIX SPRING	ANVS2004	Veterinary Parasitology	3	ANVS2001 or ANVS2002	AR
	ANVS2006	Veterinary Microbiology	3	ANVS2001 or ANVS2002	AR
	ANVS2007	Veterinary Pharmacology & Pharmacy	3	ANVS2001 or ANVS2002	AR
	ANVS3006	Systemic Physiology	3	BIOL2101 or ANVS 2001	AR
	ANVS3012	Clinical Chemistry, Cytology & Urology	3	BIOL2101 & ANVS3011/ = ANVS3009	AR
	TOTAL		15		

SEVEN FALL	ANVS3008	Farm San., Disease Cont. & Prev. Med.	3	ANVS2001 or ANVS2002	AR
	ANVS4010	Vet. Pathology & Necropsy Technique	3	ANVS3004	AR
	ANVS4012	Diseases of Large Animals	3	ANVS3006	AR
	ANVS4013	Diagnostic Microbiology	3	ANVS2006	AR
	ANVS4021	Diseases of Small & Laboratory Animals	3	ANVS3006	AR
	TOTAL		15		

EIGHT SPRING	ANVS3013	Veterinary Imaging & Anthesiology	3	ANVS3004/ =ANVS3010	AR
	ANVS4002	Poultry production	3	ANVS2001	AR
	ANVS4008	Meat Science	3	BIOL2101	AR
	ANVS4015	Clinical Lab. Diag. & Path. Rotation	1	ANVS2005, ANVS4010	AR
	ANVS4016	Small Animal Clinical Procedure	1	ANVS4021	AR
	ANVS4017	Large Animal Health Rotation I	1	ANVS4012	AR
TOTAL			12		

SUMMER	ANVS4801	Veterinary Technology Internship	3	After 80 Credits, CAMS4002/ =ANVS4014	AR
	TOTAL			3	

NINE FALL	CAMS4001	Management & Business Skills	3	BIOL2101, CHEM2101, CAMS3001, CAMS4002, PHYS2101	CR
	ANVS4007	Animal Nutrition	3	ANVS3005	AR
	ANVS4019	Laboratory Animal Health Rotation	1	ANVS4021	AR
	ANVS4020	Large Animal Health Rotation II	1	ANVS4017	AR
	ANVS4022	Veterinary Public Health	3	ANVS4010/ = ANVS4018	AR
TOTAL			11		

TEN SPRING	ANVSXXXX	Major Elective	3	Check pre-requisites	AE
	ANVSXXXX	Major Elective	3	Check pre-requisites	AE
	ANVSXXXX	Major Elective	3	Check pre-requisites	AE
	TOTAL			9	

DEPARTMENT OF ANIMAL & VETERINARY SCIENCES

VETERINARY TECHNOLOGY

LIST B: College Requirements (31 Credits)

Course Code	Course Title	Cr.	Pre-Requisite / Comments	Equivalents
BIOL2101	General Biology I	4		
CAMS2000	Introduction to Agricultural and Marine Sciences	1		
CAMS2001	Computer Applications I	3		
CAMS3001	Biometry and Experimental Design in AMS	3	CAMS2001, LANC2041, MATH1106	CROP3001
CAMS4001	Managements and Business Skills	3	BIOL2101, CHEM2101, CAMS3001, CAMS4002, PHYS2101	
CAMS4002	Seminar and Presentation Skills	2	CAMS2001, LANC2041	CAMS3000
CHEM2101	General Chemistry I	4	MATH1106	
MATH1106	Pre-calculus Math	4		
NREC2003	Introduction to Natural Resource Economics	3	LANC2040	CAMS2003
PHYS2101	General Physics I	4	MATH1106	

LIST C: College Electives (6 Credits)

Course Code	Course Title	Cr.	Pre-Requisite	Equivalents
ANVS2001	Principles of Animal Science	3	BIOL2101 or CHEM2101 or PHYS2101 or PHYS2107	
ANVS2002	Introduction to Veterinary Technology	3		
CROP2510	Introduction to Crop Production	3		
FSHN2071	Principles of Food Science	3		
FSHN2301	Introduction to Human Diet	3		
MASF2001	Introduction to Fisheries	3		MASF2003
MASF2002	Introduction to Marine Science	3		MASF2003
SWAE2001	Introduction to Agricultural Engineering	3		
SWAE2201	Introduction to Soils and Water	3		

DEPARTMENT OF ANIMAL & VETERINARY SCIENCES

VETERINARY TECHNOLOGY

LIST F: Major Requirements (65 Credits)

Course Code	Course Title	Cr.	Pre-Requisite	Equivalents
ANVS2004	Veterinary Parasitology	3	BIOL2101	
ANVS2006	Veterinary Microbiology	3	BIOL2101	
ANVS2007	Veterinary Pharmacology & Pharmacy	3	ANVS2002, BIOL2101	
ANVS2008	Veterinary Immunology	3	ANVS2001 or ANVS2002	
ANVS3004	Anatomy and Histology	3	BIOL2101	
ANVS3006	Systemic Physiology	3	BIOL2101	
ANVS3007	Animal Reproductive Physiology	3	BIOL2101	
ANVS3008	Farm Sanitation, Disease Control & Preventive Medicine	3	BIOL2101	
ANVS3011	Veterinary Hematology	3	BIOL2101, ANVS2002	ANVS2005
ANVS3012	Clinical Chemistry, Cytology & Urology	3	ANVS2002, ANVS3011	ANVS3009
ANVS3013	Veterinary Imaging & Anesthesiology	3	ANVS3004	ANVS3010
ANVS4002	Poultry Production	3	BIOL2101	
ANVS4007	Animal Nutrition	3	ANVS3005	
ANVS4008	Meat Science	3	BIOL2101	
ANVS4010	Veterinary Pathology & Necropsy Techniques	3	ANVS3004	
ANVS4012	Diseases of Large Animals	3	ANVS3006	
ANVS4013	Diagnostic Microbiology	3	ANVS2006	
ANVS4015	Clinical Laboratory Diagnostics & Pathology Rotation	1	After 80 credits, ANVS2005, ANVS4010	
ANVS4016	Small Animal Clinical Procedures	1	After 80 credits, ANVS4021	
ANVS4017	Large Animal Health Rotation I	1	After 80 credits, ANVS4012	
ANVS4019	Laboratory Animal Health Rotation	1	After 80 credits, ANVS4021	
ANVS4020	Large Animal Health Rotation II	1	After 80 credits, ANVS4012	
ANVS4021	Diseases of Small And Laboratory Animals	3	ANVS3006	
ANVS4022	Veterinary Public Health	3	ANVS4010	ANVS4018
ANVS4801	Veterinary Technology Internship	3	After 80 credits, CAMS3000	

LIST G: Major Electives (9 Credits)*

Course Code	Course Title	Cr.	Pre-Requisite	Equivalents
ANVS3001	Genetics and Animal Breeding	3	BIOL2101	
ANVS3005	Fundamentals of Nutrition	3	BIOL2101	
ANVS4001	Dairy and Beef Production	3	BIOL2101	
ANVS4004	Camel Physiology and Husbandry	3	BIOL2101	
ANVS4006	Sheep and Goat Production	3	BIOL2101	
ANVS4011	Horse Management and Care	3	BIOL2101	
ANVS4900	Animal & Veterinary Sciences Special Problems	3	Manual Registration, GPA>2.0, CAMS3001, CAMS4002	
FSHN4074	Fish and Fish Products	3	FSHN2072, BIOL3441	

* Courses from any Department (preferably related to a Minor) of the College of Agricultural and Marine Sciences or another College, may be selected with the approval of Academic Advisor, Head of Department and Assistant Dean of Undergraduate Studies. **No course will be approved without filling the substitution form and getting all necessary approvals prior registering any course not listed in the above degree plan.**