



Degree and Study Plan

College: Agricultural & Marine Sciences
Department: Animal and Veterinary Sciences
Cohorts: 2006 - 2007
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)	34
See list B	
College Electives (CE)	6
See list C	
Departmental Requirements (DR)	
See list D	
Departmental Electives	
See list E	
Major Requirements (AR)	62
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	3	LANC2040 or LANC2140 /=CAMS2003	CR
		University Elective	2		UE
		University Elective	2		UE
TOTAL		16			

FOUR SPRING	SOCI3320	Contemporary Omani Society	1		UR
	CAMS4002	Seminar & Presentation Skills	2	CAMS2001, LANC2041 /=CAMS3000	CR
	CHEM2101	General Chemistry I	4	MATH1106	CR
	CROP3001	Statistical Methods in Agriculture	3	CAMS2001, LANC2041, 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	CAMS3002	Computer Applications II	3	Defunct – Consult your advisor	CR
	PHYS2101	General Physics I	4	MATH1106	CR
	ANVS2005	Hematology and Urology	3	BIOL2101, ANVS2002/ =ANVS3011	AR
	ANVS2008	Veterinary Immunology	3	ANVS2001 or ANVS2002	AR
	ANVS3004	Anatomy & Histology	3	ANVS2001	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
	ANVS3009	Clinical Chemistry, Cytology & Urology	3	ANVS2002, ANVS3011/ =ANVS3012	AR
TOTAL		15			

SEVEN FALL	ANVS3007	Animal Reproductive Physiology	3	ANVS2001	AR
	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
	ANVS4021	Diseases of Small & Laboratory Animals	3	ANVS3006	AR
TOTAL		15			

EIGHT SPRING	ANVS3010	Diagnostic Imaging & Anesthesiology	2	ANVS3004/ =ANVS3013	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			11		

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

NINE FALL	CAMS4001	Management & Business Skills	3	BIOL2101, CHEM2101, CAMS4002, CROP3001, PHYS2101	CR
	ANVS4007	Animal Nutrition	3	ANVS3005	AR
	ANVS4013	Diagnostic Microbiology	3	ANVS2006	AR
	ANVS4018	Meat Hygiene & Abattoir Practice	1	ANVS4010/ = ANVS4022	AR
	ANVS4019	Laboratory Animal Health Rotation	1	ANVS4021	AR
	ANVS4020	Large Animal Health Rotation II	1	ANVS4017	AR
TOTAL			12		

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 (34 Credits)

Course Code	Course Title	Cr.	Pre-Requisite / Comments	Equivalents
BIOL2101	General Biology I	4		
CAMS2000	Introduction to Agricultural and Marine Science	1		
CAMS2001	Computer Applications I	3		
CAMS3002	Computer Applications II	3	Defunct - replaced with a departmental elective	
CAMS4001	Managements and Business Skills	3	BIOL2101, CHEM2101, CAMS4002, CROP3001, PHYS2101	
CAMS4002	Seminar and Presentation Skills	2	CAMS2001, LANC2041	CAMS3000
CHEM2101	General Chemistry I	4	MATH1106	
CROP3001	Statistical Methods in Agriculture	3	CAMS2001, LANC2041, MATH1106	CAMS3001
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			
CROP2201	Introduction to Agricultural Biotechnology	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			
SWAE2002	Introduction to Agricultural Machinery	3			
SWAE2201	Introduction to Soils and Water	3			

DEPARTMENT OF ANIMAL & VETERINARY SCIENCES

VETERINARY TECHNOLOGY

LIST F: Major Requirements (62 Credits)

Course Code	Course Title	Cr.	Pre-Requisite	Equivalents
ANVS2004	Veterinary Parasitology	3	BIOL2101	
ANVS2005	Hematology and Urology	3	BIOL2101, ANVS2002	ANVS3011
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	
ANVS3009	Clinical Chemistry, Cytology & Urology	3	ANVS2002, ANVS3011	ANVS3012
ANVS3010	Diagnostic Imaging & Anesthesiology	2	ANVS3004	ANVS3013
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	
ANVS4014	Veterinary Technology Externship	3	After 80 credits, CAMS4002	ANVS4801
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	
ANVS4018	Meat Hygiene & Abattoir Practice	1	ANVS4010	ANVS4022
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	

LIST G: Major Electives (9 Credits) *

Course Code	Course Title	Cr.	Pre-Requisite	Equivalents
ANVS3001	Genetics and Animal Breeding	3	ANVS2001, BIOL2101	
ANVS4004	Camel Physiology and Husbandry	3	ANVS2001, BIOL2101	
ANVS4011	Horse Management and Care	3	ANVS2001, BIOL2101	
ANVS4900	Animal & Veterinary Sciences Special Problems	3	Manual Registration, GPA>2.0, CAMS4002, CROP3001	
BIOL3441	Microbiology	3	BIOL2101	
CROP4523	Medical and Veterinary Entomology	3	BIOL2101	
FSHN3073	Food Microbiology	3		
FSHN4074	Fish and Fish Products	3	BIOL3441, FSHN2001	

* 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.**