

SCHOOL OF HEALTH SCIENCES			
Degree: BACHELOR OF SCIENCES		CURRICULUM	
Credits: 119		Effective: January 2018	
Program: VETERINARY TECHNOLOGY			
Description: Graduates will apply knowledge and skills to the care and handling of small and large animals during clinical laboratory procedures, the management of illness, animal nutrition, pharmacology, parasitology, anesthesia and medical and surgical assistance of animals and to the prevention of diseases, hygiene, and cleanliness of the work area and to the management of a veterinary facility. Graduates of the program will be able to work as veterinary technologists with animals in veterinary hospitals, clinics, research facilities at the industry or the academy, at educational institutions, animal shelters, sanctuaries and commercial, police, and military facilities among other settings.			
Course Code	Course Title	Credits	Requisites
General Education Courses (27 crs)			
FSHS 105	Freshman Seminar	3	
BIOL 107	Biology Science for Veterinary Students	3	
SPAN 152	Fundamentals of Reading & Writing	3	
ENGL 152	Fundamentals of Reading & Writing	3	
ENGL 153	Advance Communicative English	3	ENGL 152
MATH 120	Introductory Algebra	3	
SPAN 250	Writing Techniques	3	SPAN 152
HUMA 111	Civilizations and Universal Culture	3	
SOCS 111	Introduction to Social Science	3	
Core Courses (33 crs)			
PSYC 123	Survey Course in Psychology	3	
BIOL 300	Microbiology	3	BIOL 107 Co-req. BIOL 300L
BIOL 300L	Microbiology Laboratory	1	BIOL 107 Co-req. BIOL 300
CHEM 224	Fundamentals of General Chemistry	3	Co-req. CHEM 224 L
CHEM 224 L	Fundamentals of General Chemistry Laboratory	1	Co-req. CHEM 224
CHEM 225	Fundamentals of Organic and Biological Chemistry	3	CHEM 224 Co- Req. CHEM 225 L
CHEM 225L	Laboratory of Fundamentals of Organic and Biological Chemistry	1	CHEM 224 Co- Req. CHEM 225
PHSC 101	General Physics	3	MATH 120
MATH 121	Intermediate Algebra	3	MATH 120 Co-Req. MATH 121 L
MATH 121L	Intermediate Algebra Laboratory	0	MATH 120 Co-Req. MATH 121
MATH 151	College Algebra	4	MATH 121 Co-Req. MATH 151 L
MATH 151 L	College Algebra Laboratory	0	MATH 121 Co-Req. MATH 151
MATH 152	Trigonometry and Analytical Geometry	4	MATH 151 Co-Req. MATH 152 L
MATH 152L	Trigonometry and Analytical Geometry Laboratory	0	MATH 151 Co-Req. MATH 152
MATH 221	Calculus	4	
MATH 221 L	Calculus Laboratory	0	
Concentration Courses (56 crs)			
AVET 110	Introduction to Veterinary Sciences	3	

Course Code	Course Title	Credits	Requisites
AVET 120	Anatomy and Physiology of Domestic Animals	4	AVET 110, BIOL 107 Co-req. AVET 120 L
AVET 120 L	Anatomy and Physiology of Domestic Animals Laboratory	0	AVET 110, BIOL 107 Co-req. AVET 120
AVET 130	Veterinary Nursing	3	AVET 110
AVET 221	Common Diseases and Parasitology in Domestic Animals	4	AVET 120, AVET 130
AVET 230	Techniques and Protocols of Veterinary Technology I	3	AVET 110 Co-req. AVET 230 L
AVET 230 L	Techniques and Protocols of Veterinary Technology I Laboratory	0	AVET 101, AVET 110 Co-req. AVET 230
AVET 231	Techniques and Protocols of Veterinary Technology II	3	AVET 230 Co-req. AVET 231 L
AVET 231 L	Techniques and Protocols of Veterinary Technology II Laboratory	0	AVET 230 Co-req. AVET 231
AVET 240	Animal Pharmacology and Toxicology	3	AVET 120, AVET 130
AVET 245	Basic Radiology in Domestic Animals	3	AVET 221 Co-req. AVET 245 L
AVET 245 L	Basic Radiology in Domestic Animals Laboratory	0	AVET 221 Co-req. AVET 245
AVET 260	Management, Practice and Farm Animal Disease	3	AVET 120, AVET 130
BVET 310	Veterinary Anesthesia and Surgical Assisting	3	AVET 240, AVET 245 Co-Req. BVET 310L
BVET 310L	Veterinary Anesthesia and Surgical Assisting Laboratory	0	AVET 240, AVET 245 Co-Req. BVET 310
BVET 350	Veterinary Dentistry for Veterinary Technicians	3	BVET 310 Co-Req. BVET 350L
BVET 350L	Veterinary Dentistry Laboratory for Veterinary Technicians	0	BVET 310 Co-Req. BVET 350
BVET 360	Animal Nutrition	3	AVET 130, AVET 231
BVET 370	Veterinary Office Management Fundamentals	3	
BVET 380	Critical Care and Veterinary Emergency Fundamentals	3	AVET 130, AVET 231 Co-Req. BVET 380L
BVET 380L	Critical Care and Veterinary Emergency Fundamentals Laboratory	0	AVET 130, AVET 231 Co-Req. BVET 380
BVET 385	Veterinary Nursing in Alternative Medicine	3	AVET 130
BVET 390	Integrative Seminar	3	AVET 240, AVET 245, AVET 231, and AVET 260
BVET 400	Clinical Practice I	3	AVET 120, AVET 130, AVET 230, CHEM 224
BVET 410	Clinical Practice II	3	BVET 400
Elective Courses (3 crs)			
	Elective	3	

Mínimum graduation GPA 2.00

SCHOOL OF HEALTH SCIENCES			
Degree: BACHELOR OF SCIENCES		PLAN OF STUDY	
Credits: 120		Effective: January 2018	
Program: VETERINARY TECHNOLOGY			
Course Code	Course Title	Credits	Requisites
FIRST YEAR- FIRST SEMESTER			
FSHS 105	Freshman Seminar	3	
BIOL 107	Biology Science for Veterinary Students	3	
AVET 110	Introduction to Veterinary Sciences	3	
ENGL 152	Fundamentals of Reading and Writing	3	
MATH 120	Introductory Algebra	3	
		15	
FIRST YEAR- SECOND SEMESTER			
SPAN 152	Fundamentals of Reading and Writing	3	
AVET 120	Anatomy and Physiology of Domestic Animals	4	AVET 110, BIOL 107
AVET 120 L	Anatomy and Physiology of Domestic Animals Laboratory	0	AVET 110, BIOL 107 Co-req. AVET 120
AVET 130	Veterinary Nursing	3	AVET 110
AVET 230	Techniques and Protocols of Veterinary Technology I	3	AVET 110 Co-req. AVET 230 L
AVET 230 L	Techniques and Protocols of Veterinary Technology I Laboratory	0	AVET 101, AVET 110 Co-req. AVET 230
CHEM 224	Fundamentals of General Chemistry	3	MATH 120 Co-req. CHEM 224L
CHEM 224L	Fundamentals of General Chemistry Laboratory	1	MATH 120
		17	
SECOND YEAR- FIRST SEMESTER			
AVET 221	Common Diseases and Parasitology in Domestic Animals	4	AVET 120, AVET 130
AVET 231	Techniques and Protocols of Veterinary Technology II	3	AVET 230 Co-req. AVET 231 L
AVET 231 L	Techniques and Protocols of Veterinary Technology II Laboratory	0	AVET 230 Co-req. AVET 231
AVET 260	Management, Practice and Farm Animal Disease	3	AVET 120, AVET 130
SPAN 250	Writing Techniques	3	SPAN 152
BIOL 300	Microbiology	3	BIOL 107
BIOL 300L	Microbiology Laboratory	1	Co-req. BIOL 300
		17	
SECOND YEAR- SECOND SEMESTER			
PSYC 123	Survey Course in Psychology	3	
AVET 245	Basic Radiology in Domestic Animals	3	AVET 221
AVET 240	Animal Pharmacology and Toxicology	3	AVET 130, AVET 120
HUMA 111	Civilizations and Universal Culture	3	
BVET 390	Integrative Seminar	3	AVET 240, AVET 245, AVET 231, and AVET 260
		15	

THIRD YEAR- FIRST SEMESTER			
Course Code	Course Title	Credits	Requisites
PHSC 101	General Physics	3	MATH 120
MATH 121	Intermediate Algebra	4	MATH 120 Co-Req. MATH 121 L
MATH 121L	Intermediate Algebra Laboratory	0	MATH 120 Co-Req. MATH 121
BVET 380	Critical Care and Veterinary Emergency Fundamentals	3	AVET 130, AVET 231 Co-Req. BVET 380L
BVET 380L	Critical Care and Veterinary Emergency Fundamentals Laboratory	0	AVET 130, AVET 231 Co-Req. BVET 380
BVET 310	Veterinary Anesthesia and Surgical Assisting	3	AVET 240, AVET 245 Co-Req. BVET 310L
BVET 310L	Veterinary Anesthesia and Surgical Assisting Laboratory	0	AVET 240, AVET 245 Co-Req. BVET 310
		13	
THIRD YEAR- SECOND SEMESTER			
CHEM 225	Fundamentals of Organic and Biological Chemistry	3	CHEM 224 Co- Req. CHEM 225 L
CHEM 225L	Laboratory of Fundamentals of Organic and Biological Chemistry	1	CHEM 224 Co- Req. CHEM 225
MATH 151	College Algebra	4	MATH 121 Co-Req. MATH 151 L
MATH 151 L	College Algebra Laboratory	0	MATH 121 Co-Req. MATH 151
BVET 360	Animal Nutrition	3	AVET 130, AVET 231
BVET 350	Veterinary Dentistry for Veterinary Technicians	3	BVET 310 Co-Req. BVET 350L
BVET 350L	Veterinary Dentistry Laboratory for Veterinary Technicians	0	BVET 310 Co-Req. BVET 350
		14	
FOURTH YEAR- FIRST SEMESTER			
ENGL 153	Advance Communicative English	3	ENGL 152
MATH 152	Trigonometry and Analytical Geometry	4	MATH 151 Co-Req. MATH 152 L
MATH 152L	Trigonometry and Analytical Geometry Laboratory	0	MATH 151 Co-Req. MATH 152
BVET 370	Veterinary Office Management Fundamentals	3	
BVET 385	Veterinary Nursing in Alternative Medicine	3	AVET 130
BVET 400	Clinical Practice I	3	AVET 120, AVET 130, AVET 230, CHEM 224
		16	
FOURTH YEAR- SECOND SEMESTER			
SOCS 111	Introduction to Social Science	3	
Elective	Elective	3	
MATH 221	Calculus	3	
MATH 221 L	Calculus Laboratory	0	
BVET 410	Clinical Practice II	3	BVET 400
		12	