

<b>SCHOOL OF HEALTH SCIENCES</b>			
<b>Degree: BACHELOR OF SCIENCES</b> <b>Credits: 120</b>		<b>CURRICULUM</b> <b>Since: January 2018</b>	
<b>Program: VETERINARY TECHNOLOGY</b>			
<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Requisites</b>
<b>GENERAL EDUCATION COURSES (33 CRS)</b>			
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
ENGL 231	Research and Writing	3	ENGL 152, ENGL 153
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	
PSYC 123	Survey Course in Psychology	3	
<b>CORE COURSES (31 CRS)</b>			
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	4	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	
<b>CONCENTRATION COURSES (56 CRS)</b>			
AVET 110	Introduction to Veterinary Sciences	3	
AVET 120	Anatomy and Physiology of Domestic Animals	4	AVET 110, BIOL 107 Co-req. AVET 120 L

Course Code	Course Title	Credits	Requisites
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 110, AVET 240, AVET 245, AVET 231, and AVET 260
BVET 400	Clinical Practice I	3	AVET 120, AVET 130, AVET 230
BVET 410	Clinical Practice II	3	BVET 400

**Mínimum graduation GPA 2.00**

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<b>SCHOOL OF HEALTH SCIENCES</b>			
<b>Degree: BACHELOR OF SCIENCES</b>		<b>PLAN OF STUDY</b>	
<b>Credits: 120</b>		<b>Since: January 2018</b>	
<b>Program: VETERINARY TECHNOLOGY</b>			
<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Requisites</b>
<b>FIRST YEAR- FIRST SEMESTER</b>			
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	
		<b>15</b>	
<b>FIRST YEAR- SECOND SEMESTER</b>			
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
		<b>17</b>	
<b>SECOND YEAR- FIRST SEMESTER</b>			
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
		<b>17</b>	
<b>SECOND YEAR- SECOND SEMESTER</b>			
PSYC 123	Survey Course in Psychology	3	

Course Code	Course Title	Credits	Requisites
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 240	Animal Pharmacology and Toxicology	3	AVET 130, AVET 120
HUMA 111	Civilizations and Universal Culture	3	
BVET 390	Integrative Seminar	3	AVET 110, AVET 240, AVET 245, AVET 231 and AVET 260
		<b>15</b>	
<b>THIRD YEAR- FIRST SEMESTER</b>			
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
		<b>13</b>	
<b>THIRD YEAR- SECOND SEMESTER</b>			
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
		<b>14</b>	
<b>FOURTH YEAR- FIRST SEMESTER</b>			
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

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Requisites</b>
BVET 400	Clinical Practice I	3	AVET 120, AVET 130, AVET 230
		<b>16</b>	
<b><i>FOURTH YEAR- SECOND SEMESTER</i></b>			
SOCS 111	Introduction to Social Science	3	
ENGL 231	Research and Writing	3	ENGL 152, ENGL 153
MATH 221	Calculus	4	
MATH 221 L	Calculus Laboratory	0	
BVET 410	Clinical Practice II	3	BVET 400
		<b>13</b>	

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