











Faculty structure	an	5.2		
	Deputy Dean Academic administration			
Departments OVAH	Centres	Support services		
Anatomy & Physiology	ERC	Personnel		
Companion Animal Studies	cvws	Finances		
Paraclinical Sciences		OTAU		
Production Animal Studies				
Veterinary Tropical Diseases				
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Professional Programme (BVSc)

- First year: basic and para-clinical
- Second and third years: speciesbased
- Final or fourth year: lecture-free experiential training

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Reasons for Development of new veterinary curriculum Admission and Selection process is rigid Selection only occurs late Veterinary students not initially identifiable Excessively long and costly Difficulty of allocation of bursaries Little or no control over module content and academic rules

- Little or no insight into student support systems
- General perception that the programme not locally relevant

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Programme heavily overloaded.

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Principles for development of new veterinary curriculum

- Shorter, single degree programme
- Alignment with the latest veterinary educational philosophies and approaches
 Meet national needs and expectations
- Apply a core-elective approach
- Reduce overload
- Review the education format and technologies used in training
- Review the assessment policy
- Consider the inclusion of a distributive model for experiential training
 Add life skills and leadership as an integral component of the core training
- Review the admission policy
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THEME - NATURAL SCIENCES				
FIRST SEMESTER SECOND SEMESTER				
Academic literacy	Academic literacy			
Computer literacy	Information literacy 1			
Mathematics	Biometry			
Chemistry	Chemistry			
Physics	Introductory Genetics			
Molecular and cell biology	Animal Nutrition			
Medical Terminology	Introductory Animal Science			
	Professional Life			



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Proposed new macro-o	curriculum 3rd year			
THEME: CAUSES AND	EFFECTS OF DISEASE			
FIRST SEMESTER	SECOND SEMESTER			
Veterinary Infectious Diseases				
Veterinary Parasitology				
Veterinary Toxicology				
General Veterinary Pharmacology				
General and Organ Pathology				
Applied Veterinary	General Surgery			
Physiology				
Professional Life				
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Proposed new macro-o	curriculum 4th year			
THEME: DIAGNOSTICS AND THERAPEUTICS				
Small Animal Med	dicine and Surgery			
Equine Medicine and Surgery	Poultry Health and Production			
Veterinary F	Reproduction			
Diagnost	Diagnostic Imaging			
Clinical Pathology	Anaesthesiology			
Diagnostic	c Pathology			
Professional Life				
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Proposed new macro-curriculum 5 th year			
HEALTH AND PRODUCTION	ELECTIVE DIDACTIC		
FIRST SEMESTER	SECOND SEMESTER		
Veterinary Public Health	Research Methodology and a		
Veterinary Practice	short project		
Management			
Tropical Animal Health	Proposed electives		
Veterinary Epidemiology	1. Small Animal and Exotic Practice		
Bovine Health and Production	2. Equine Practice		
Small Stock Health and	Practice		
Production	4. Veterinary Public Health and State Veterinary Practice		
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Ρ	roposed new macro-c	urriculum 6 th yea	ar
	EXPERIENTIAL T	RAINING	-
	FIRST 8 MONTHS	LAST 4 MONTHS	
	CORE CLINICS	ELECTIVE CLINICS	
A			
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Veterinary nurses programme

- Currently 2 y diploma programme consisting of 1.5 y didactic reaching and 0.5 y experiential training
- Converting to a 3 y degree programme (BVN) that will consist of 2 y didactic teaching and 1 y of experiential training
- Veterinary nurses always function clinically under the control of a veterinarian

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Current admission policy into Veterinary programme

Total of 135 students are admitted annually

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- Majority of students (n=95) are selected after completion of their 2nd year BSc (Vet Biol)
- The remaining four categories are:
 - Foreign candidates and who are completing the prescribed BSc (Vet Biol) 2nd year modules (n=10)
 - Candidates in possession of a related BSc and/or PG degree who have completed all required BSc (Vet Biol) 2nd year modules (n=20)
 - Candidates in possession of a related BSc and/or PG degree who still need to complete some BSc (Vet Biol) 2nd year modules (n=5)

- Students repeating BSc (Vet Biol) III (n=5).

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Ve Di • /	Veterinary Nursing: DipVetNurs • Admission (minimum requirements) - National Senior Certificate (NSC)						
		Languages	Mathematics	Life Orientation	Physical Science	Two other	
	APS 22	Comply with NSC minimum requirements: One of these languages must English at level 4 (50–59 %). The second language at level 3	4 (50 – 59 %)	4 (50–59 %) (Excluded when calculating the APS)	4 (50 – 59 %)	One of these must be Life Sciences at level 4 and the other subject at level 3	
	AF rec	'S is calculated cognised 20-cree	by adding th dit subjects	e scores obt	ained in 6	6	
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Degree	Programmes	Duration
BVSc (Hons)	Combination of 3-4 modules	2 – 3 y
MMedVet*	Anaesthesiology; Bovine Medicine; Cattle Herd Health; Clinical Laboratory Diagnostics; Diagnostic Imaging; Equine Medicine; Equine Surgery; Laboratory Animal Science; Ophthalmology; Pathology; Pharmacology; Pig Herd Health; Poultry Diseases; Small Animal Medicine; Small Animal Surgery; Small Stock Herd Health; Reproduction; Toxicology; Veterinary Ethology; Veterinary Public Health; Wildlife Diseases	4 – 6 y
Taught Masters ^{**}	Veterinary Industrial Pharmacology; Veterinary Tropical Diseases	1 – 2 y
Research Masters ^{***}	Anatomy and Physiology; Companion Animal Studies; Paraclinical Sciences; Production Animal Studies; Veterinary Tropical Diseases	1 – 2 y
PhD	Anatomy and Physiology; Companion Animal Studies; Paraclinical Sciences; Production Animal Studies; Veterinary Tropical Diseases	3 – 5 y
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Recommendations

- Strengthen current deans meeting
- Implementation of a core elective approach for veterinary training
- Development of Day-One competencies required for each country to represent core programme
- Consider an accreditation system for veterinary programmes within region
- Special training and research programme should be subject to external evaluation

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