

Study Plan  
 Doctor of Veterinary Medicine Program  
 (Revised Curriculum 2009)

First Year

**First Semester**

Course	Code		Credits
001101	ENGL 101	Listening and Speaking in English	3
751100	ECON 100	Economics for Everyday Life	3
		Humanities and Social Sciences or Science and Mathematics	8
		Free Elective	3
		<b>Total</b>	<b>17</b>

**Second Semester**

Course	Code		Credits
001102	ENGL 102	Reading and Writing in English	3
203154	CHEM 154	Basic Chemistry for Health Science Students	2
203159	CHEM 159	Basic Chemistry Laboratory for Health Science Students	1
207125	PHYS 125	Physics for Veterinary Students	1
207195	PHYS 195	Physics Laboratory for Veterinary Students	1
651108	VM 108	Veterinary Embryology	2
		Humanities and Social Sciences or Science and Mathematics	5
		Free Elective	3
		<b>Total</b>	<b>18</b>

## Second Year

### First Semester

Course	Code		Credits	
001201	ENGL	201	Critical Reading and Effective Writing	3
303261	BCHM	261	Biochemistry for Veterinary Students	6
356202	ANS	202	Principles of Feed and Animal Nutrition	3
356231	ANS	231	Animal Breeding	3
356242	ANS	242	Principles of Monogastric Animal Production	3
651231	VM	231	Principle of Aquatic Animal Production	2
651292	VM	292	Animal Behaviors and Restraints	2
		<b>Total</b>		<b>22</b>

### Second Semester

Course	Code		Credits	
001202	ENGL	202	English in Professional Contexts	3
321361	PHSO	361	Physiology for Veterinary Students	5
356243	ANS	243	Principles of Ruminant Production	3
651201	VM	201	Body Structure and Function I	4
651203	VM	203	Agents of Diseases I	3
651232	VM	232	Basic Horse Riding and Horse Care	2
651291	VM	291	Veterinary Integrative Problem Solving I	2
		<b>Total</b>		<b>22</b>

### Third Year

#### First Semester

Course	Code			Credits
320361	PHCO	361	Pharmacology for Veterinary Students	4
351211	AEC	211	Agricultural Business Management	3
651202	VM	202	Body Structure and Function II	5
651301	VM	301	Body Structure and Function III	3
651302	VM	302	Body Structure and Function IV	3
651390	VM	390	Veterinary Field Practice I	1
651391	VM	391	Veterinary Integrative Problem Solving II	2
			<b>Total</b>	<b>21</b>

#### Second Semester

Course	Code			Credits
318341	PATH	341	General Pathology for Veterinary Students	3
324321	RADI	321	Radiology for Veterinary Students	2
651304	VM	304	Agents of Diseases II	5
651305	VM	305	Veterinary Pharmacology and Toxicology	4
651322	VM	322	Animal Theriogenology	3
651392	VM	392	Veterinary Integrative Problem Solving III	2
			<b>Total</b>	<b>19</b>

### Fourth Year

#### Year Course

Course	Code		Credits
651107	VM 107	Student Quality Development through Activities	2
356261	ANS 261	Statistical Method and Inference in Animal Husbandry	3
651414	VM 414	Veterinary Pathobiology II	3
651415	VM 415	Veterinary Pathobiology III	5
651416	VM 416	Food Safety in Veterinary Medicine I	4
651417	VM 417	Food Safety in Veterinary Medicine II	4
651418	VM 418	Veterinary Environmental Health	1
651419	VM 419	Veterinary Laws	1
651424	VM 424	Zoonoses	2
651425	VM 425	Veterinary Epidemiology	3
651426	VM 426	Principle and Diagnostic Techniques of Veterinary Medicine	5
651427	VM 427	Veterinary Surgery	5
651433	VM 433	Laboratory Animal Science	3
651491	VM 491	Veterinary Field Practice II	1
651492	VM 492	Veterinary Integrative Problem Solving IV	2
		<b>Total</b>	<b>44</b>

### Fifth Year

#### Year Course

Course	Code		Credits
651432	VM 432	Diseases of Aquatic Animal, Amphibians and Reptiles	2
651520	VM 520	Principle of Production Medicine	2
651531	VM 531	Diseases of Dogs and Cats	5
651533	VM 533	Diseases of Zoo and Exotic Animal	2
651534	VM 534	Diseases of Poultry	4
651536	VM 536	Diseases of Swine	5
651537	VM 537	Diseases of Horse	3
651538	VM 538	Diseases of Ruminants	5
651541	VM 541	Clinical Rotation in Small Animal	3
651542	VM 542	Clinical Rotation in Veterinary Public Health	1
651543	VM 543	Clinical Rotation in Elephant and Wildlife	1
651544	VM 544	Clinical Rotation in Equine	1
651545	VM 545	Clinical Rotation in Poultry	1
651546	VM 546	Clinical Rotation in Swine	1
651547	VM 547	Clinical Rotation in Ruminant	2
651548	VM 548	Clinical Rotation in Aquatic Animal	1
651594	VM 594	Veterinary Integrative Problem Solving V	2
		<b>Total</b>	<b>41</b>

### Sixth Year

#### Year Course

<b>Course</b>	<b>Code</b>		<b>Credits</b>
651495	VM 495	Veterinary Perspectives	2
651630	VM 630	Aquatic Animal Practice – Clerkship	3
651631	VM 631	Elephant and Wildlife Practice – Clerkship	3
651641	VM 641	Abattoirs and Veterinary Public Health – Clerkship	3
651643	VM 643	Companion Animal Practice – Clerkship	3
651644	VM 644	Equine Practice – Clerkship	3
651646	VM 646	Swine Practice – Clerkship	3
651647	VM 647	Ruminant Practice – Clerkship I	3
651649	VM 649	Avian Practice – Clerkship	3
651664	VM 664	Veterinary Preceptorship	3
651699	VM 699	Research in Veterinary Medicine	6
		Major Elective	9
		<b>Total</b>	<b>44</b>