

CREDIT BASED CURRICULUM

Credit based Training System: Formal Undergraduate (Full - time)

Faculty: Animal Science and Veterinary Medicine

Discipline : Veterinary Medicine

Major : Veterinary Medicine

Minimum credits : 165 Credits

Minimum GPA: 2.0

Page 3

No	Module	English subjects	Credits	Total Number	Theory	Practice	Internship	Project	Thesis	Year	SM	Prior study	Prerequisite	Concurrent
<i>II.2 Elective subject - completed 0301/accumulated at least 2 credits : 2 credits</i>														
1	204502	Farming Systems	2.0	30.0	30.0	0.0	0	0.0	0.0	3	1			
2	204534	Fundamentals of Agronomy	2.0	30.0	30.0	0.0	0	0.0	0.0	3	1			
3	208453	Basic Marketing	2.0	30.0	30.0	0.0	0	0.0	0.0	3	2			
4	208416	Principles of Management	2.0	30.0	30.0	0.0	0	0.0	0.0	4	2			
Total			8.0	120.0	120.0	0.0	0	0.0	0.0					
III. Specialized knowledge :														
<i>III.1 Required subjects</i>														
1	203313	Enveronment and Animal Health	2.0	30.0	30.0	0.0	0	0.0	0.0	3	2	203106	203516	
2	203504	Veterinary Pathology 1	2.0	30.0	30.0	0.0	0	0.0	0.0	3	2	203103	203508	
3	203517	Design and Analysis of Experiments	3.0	60.0	30.0	30.0	0	0.0	0.0	3	2	203500		
4	203523	Veterinary Pathophysiology	2.0	30.0	30.0	0.0	0	0.0	0.0	3	2	203106	203109	
5	203361	Veterinary Practice in Farm Animals	3.0	135.0	0.0	0.0	135	0.0	0.0	3	3			
6	203201	Veterinary Surgery 1	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1		203212	
7	203403	Veterinary Internal Medicine 1	3.0	60.0	30.0	30.0	0	0.0	0.0	4	1	203523		
8	203410	Veterinary Reproduction and Obstetrics	3.0	45.0	30.0	15.0	0	0.0	0.0	4	1	203106		
9	203503	Veterinary Epidemiology	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1	203500	203515	
10	203505	Veterinary Parasitology 1	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1	203404	203507	
11	203525	Veterinary Pathology 2	2.0	45.0	15.0	30.0	0	0.0	0.0	4	1	203504		
12	203202	Veterinary Surgery 2	2.0	45.0	15.0	30.0	0	0.0	0.0	4	2	203201		
13	203306	Zoonotic Diseases	2.0	30.0	30.0	0.0	0	0.0	0.0	4	2	203503	203507	
14	203362	Ruminant Infectious Diseases	1.0	15.0	15.0	0.0	0	0.0	0.0	4	2	203503	203507	
15	203402	Veterinary Internal Medicine 2	2.0	30.0	30.0	0.0	0	0.0	0.0	4	2	203403		
16	203524	Veterinary Parasitology 2	2.0	45.0	15.0	30.0	0	0.0	0.0	4	2	203505		
17	203916	Canine and Feline Medicine	2.0	45.0	15.0	30.0	0	0.0	0.0	4	2	203403		
18	203261	Veterinary Hospital practice	3.0	135.0	0.0	0.0	135	0.0	0.0	4	3		203403 203201	
19	203314	Animal Product Inspection	4.0	75.0	45.0	30.0	0	0.0	0.0	5	1		203515	

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Page 2

No	Module	English subjects	Credits	Total Number	Theory	Practice	Internship	Project	Thesis	Year	SM	Prior study	Prerequisite	Concurrent
<i>I.3 Elective subject - completed 0201/accumulated at least 2 credits : 7 credits</i>														
1	213603	English 1	4.0	60.0	60.0	0.0	0	0.0	0.0	1	1			
2	213811	French 1	4.0	60.0	60.0	0.0	0	0.0	0.0	1	1			
3	213604	English 2	3.0	45.0	45.0	0.0	0	0.0	0.0	1	2	213603		
4	213812	French 2	3.0	45.0	45.0	0.0	0	0.0	0.0	1	2	213811		
Total			14.0	210.0	210.0	0.0	0	0.0	0.0					
II. Fundamental specialized knowledge :														
<i>II.1 Required subjects</i>														
1	203109	Introduction to Biochemistry	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1		202301	
2	203203	Introduction to Genetics	3.0	60.0	30.0	30.0	0	0.0	0.0	2	1			
3	203211	Veterinary Anatomy 1	3.0	60.0	30.0	30.0	0	0.0	0.0	2	1	202408		
4	203508	Veterinary Histology	2.0	45.0	15.0	30.0	0	0.0	0.0	2	1	202401		
5	203703	Introduction to Animal Sciences	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1			
6	203100	Biochemistry of Metabolism	3.0	60.0	30.0	30.0	0	0.0	0.0	2	2	203109 203508		
7	203103	Domestic Animal Physiology I	3.0	60.0	30.0	30.0	0	0.0	0.0	2	2	203211 203109		
8	203212	Veterinary Anatomy 2	2.0	45.0	15.0	30.0	0	0.0	0.0	2	2	203211		
9	203516	Introduction to Microbiology	3.0	60.0	30.0	30.0	0	0.0	0.0	2	2		202401	
10	203915	Research Methodology	2.0	30.0	30.0	0.0	0	0.0	0.0	2	2	203500		
11	211102	Molecular Biology	2.0	30.0	30.0	0.0	0	0.0	0.0	2	2	203203		
12	203106	Domestic Animal Physiology 2	3.0	45.0	45.0	0.0	0	0.0	0.0	3	1	203103		
13	203465	Animal Nutrition	3.0	45.0	45.0	0.0	0	0.0	0.0	3	1		203109	
14	203507	Veterinary Immunology	3.0	60.0	30.0	30.0	0	0.0	0.0	3	1	203516	203508	
15	203515	Veterinary Microbiology	3.0	45.0	30.0	15.0	0	0.0	0.0	3	1	203516		
16	203404	General Pharmacology	4.0	75.0	45.0	30.0	0	0.0	0.0	3	2	203106 203515		
Total			43.0	780.0	495.0	285.0	0	0.0	0.0					





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(Pursuant to the decision: 3000/QĐ-DHNL-DT, November -24-2014 of President)

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Faculty : Animal Science and Veterinary Medicine

Discipline : Veterinary Medicine

Major : Veterinary Medicine

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Minimum GPA: 2.0

No	Module	English subjects	Credits	Total Number	Theory	Practice	Internship	Project	Thesis	Year	SM	Prior study	Prerequisite	Concurrent
I. Fundamental knowledge :														
<i>I.1 Required subjects</i>														
1	202112	Advanced Mathematics B1	2.0	30.0	30.0	0.0	0	0.0	0.0	1	1			
2	202301	General Chemistry	3.0	45.0	45.0	0.0	0	0.0	0.0	1	1			
3	202401	General Biology	2.0	30.0	30.0	0.0	0	0.0	0.0	1	1			
4	202501	Physical Education 1	1.0	45.0	0.0	45.0	0	0.0	0.0	1	1			
5	214103	General Informatics	3.0	60.0	30.0	30.0	0	0.0	0.0	1	1			
6	200201	Military training (theory)	3.0	45.0	45.0	0.0	0	0.0	0.0	1	2			
7	200202	Military training (practice)	3.0	90.0	0.0	90.0	0	0.0	0.0	1	2			
8	202408	Animal Biology	3.0	60.0	30.0	30.0	0	0.0	0.0	1	2			
9	202502	Physical Education 2	1.0	45.0	0.0	45.0	0	0.0	0.0	1	2	202501		
10	202622	General Law	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			
11	203500	Statistics in Animal Science & Veterinay Medicine	3.0	45.0	45.0	0.0	0	0.0	0.0	1	2			
12	200106	Phylosophy of Marxism and Leninism	5.0	75.0	75.0	0.0	0	0.0	0.0	2	1			
13	200104	History of the Communist's Party of Vietnam	3.0	45.0	45.0	0.0	0	0.0	0.0	3	1			
14	200107	Ho Chi Minh Ideology	2.0	30.0	30.0	0.0	0	0.0	0.0	4	2			
Total			36.0	675.0	435.0	240.0	0	0.0	0.0					
<i>I.2 Elective subject - completed 0101/accumulated at least 2 credits : 2 credits</i>														
1	202304	General Chemistry Laboratory	1.0	30.0	0.0	30.0	0	0.0	0.0	1	1			
2	202402	General Biology Laboratory	1.0	30.0	0.0	30.0	0	0.0	0.0	1	1			
3	202620	Communication skills	2.0	30.0	30.0	0.0	0	0.0	0.0	1	1			
4	213813	French 3	3.0	45.0	45.0	0.0	0	0.0	0.0	1	2	213811		
5	202201	General Physics 1	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1			
6	202302	Analytical Chemistry	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1	202301		
7	204606	General Meteorology	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1			



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Page 4

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													203525	
20	203360	Practice of Infectious Diseases	1.0	30.0	0.0	30.0	0	0.0	0.0	5	1		203503 203507	
21	203363	Infectious Diseases of Poultry	2.0	30.0	30.0	0.0	0	0.0	0.0	5	1		203503 203507	
22	203406	Veterinary Toxicology	2.0	30.0	30.0	0.0	0	0.0	0.0	5	1		203404 203523	
23	203519	Infectious Diseases of Swine	2.0	30.0	30.0	0.0	0	0.0	0.0	5	1		203503 203525	
24	203522	Veterinary Legislation	2.0	30.0	30.0	0.0	0	0.0	0.0	5	1	203306	203503	
Total			53.0	1095.0	570.0	255.0	270	0.0	0.0					
<i>III.2 Elective subject - completed 0401/accumulated at least 2 credits : 12 credits</i>														
1	203912	English for Animal Sciences & Veterinary Medicine	3.0	45.0	45.0	0.0	0	0.0	0.0	3	1			
2	203114	Animal Behavior	2.0	30.0	30.0	0.0	0	0.0	0.0	3	2	203106		
3	203158	Presentation Skills	2.0	30.0	30.0	0.0	0	0.0	0.0	3	2			
4	203558	Animal Breeding 1	3.0	45.0	30.0	15.0	0	0.0	0.0	3	2	203203		
5	203909	Veterinary Practice	2.0	90.0	0.0	0.0	90	0.0	0.0	3	3			
6	203108	Applied Biotechnology in Veterinary Husbandry	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1	203100		
7	203209	Artificial Insemination and Embryo Transfer	2.0	45.0	15.0	30.0	0	0.0	0.0	4	1	203558 203106		
8	203311	Waste Treatment Technology	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1		202301 203516	
9	203506	Applied Microbiology in Animal Husbandry	3.0	60.0	30.0	30.0	0	0.0	0.0	4	1	203516	202401	
10	203721	Animal Farm Management	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1			
11	203304	Animal Products Processing and Preservation	2.0	30.0	30.0	0.0	0	0.0	0.0	4	2		203100	
12	203420	Laboratory Diagnosis	2.0	45.0	15.0	30.0	0	0.0	0.0	4	2		203100 203106	
13	203509	Bee Science	2.0	30.0	30.0	0.0	0	0.0	0.0	4	2	203516		
14	203720	Laboratory Animal Science	2.0	30.0	30.0	0.0	0	0.0	0.0	4	2		203465 203106	

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15	206306	General fish diseases	3.0	60.0	30.0	30.0	0	0.0	0.0	4	2			
16	206307	Shrimp disease	3.0	60.0	30.0	30.0	0	0.0	0.0	4	2			
17	208414	Farm Management	2.0	30.0	30.0	0.0	0	0.0	0.0	4	2			
18	203260	Veterinary Laboratory practice	2.0	60.0	0.0	60.0	0	0.0	0.0	4	3			
19	203408	Veterinary Diagnostic Imaging	2.0	45.0	15.0	30.0	0	0.0	0.0	5	1		203212	
20	203616	Wild Animal	2.0	30.0	30.0	0.0	0	0.0	0.0	5	1		203106	
21	203705	Introduction to Poultry Production	2.0	30.0	30.0	0.0	0	0.0	0.0	5	1		203465 203558	
22	203707	Introduction to Swine Production	2.0	30.0	30.0	0.0	0	0.0	0.0	5	1		203465 203558	
23	203709	Introduction to Ruminant Production	2.0	30.0	30.0	0.0	0	0.0	0.0	5	1		203465 203558	
Total			51.0	945.0	600.0	255.0	90	0.0	0.0					
<i>III.3 Elective subject - completed 0501/accumulated at least 2 credits : 10 credits</i>														
1	203903	Minimum Undergraduate Report	5.0	75.0	0.0	0.0	0	0.0	75.0	5	2			
2	203907	Undergraduate Report	10.0	150.0	0.0	0.0	0	0.0	150.0	5	2			
Total			15.0	225.0	0.0	0.0	0	0.0	225.0					

Total credits of required subjects : 132 credits

Total credits of elective subjects : 33 credits

(*) Conditional Study Program, Certificates will be issued upon completion

Graduation Methods:

1. Thesis (10 credits)
2. Essay (5 credits) + completion of 5 credits of elective subjects III.2
3. The subjects can replace thesis (Faculty of Animal Science and Veterinary Medicine not applicable)

President of Nong Lam University - Ho Chi Minh City

Head of Academic Affairs Department

Ho Chi Minh city, November 24-2014
Dean of Faculty of Animal Science and Veterinary Medicine

Assoc.Prof.Dr.Nguyen Hay

Dr.Tran Dinh Ly

Assoc.Prof.Dr.Nguyen Tat Toan