



CREDIT BASED CURRICULUM

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

Credit based Training System: Formal Undergraduate (Full - time)
Faculty : Faculty of Agronomy
Discipline : Plant Protection Major : Plant Protection
Minimum credits : 132 Credits
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	202304	General Chemistry Laboratory	1.0	30.0	0.0	30.0	0	0.0	0.0	1	1			202301
4	202401	General Biology	2.0	30.0	30.0	0.0	0	0.0	0.0	1	1			
5	202402	General Biology Laboratory	1.0	30.0	0.0	30.0	0	0.0	0.0	1	1			202401
6	214103	General Informatics	3.0	60.0	30.0	30.0	0	0.0	0.0	1	1			
7	200106	Phylosophy of Marxism and Leninism	5.0	75.0	75.0	0.0	0	0.0	0.0	1	2			
8	200201	Military training (theory)	3.0	45.0	45.0	0.0	0	0.0	0.0	1	2			
9	200202	Military training (practice)	3.0	90.0	0.0	90.0	0	0.0	0.0	1	2			
10	202113	Advanced Mathematics B2	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2	202112		
11	202501	Physical Education 1	1.0	45.0	0.0	45.0	0	0.0	0.0	1	2			
12	202620	Communication skills	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			
13	202622	General Law	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			
14	202502	Physical Education 2	1.0	45.0	0.0	45.0	0	0.0	0.0	2	1	202501		
15	213603	English 1	4.0	60.0	60.0	0.0	0	0.0	0.0	3	1			
16	200104	History of the Communist's Party of Vietnam	3.0	45.0	45.0	0.0	0	0.0	0.0	3	2			
17	213604	English 2	3.0	45.0	45.0	0.0	0	0.0	0.0	3	2	213603		
18	200107	Ho Chi Minh Ideology	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1			
Total			43.0	795.0	525.0	270.0	0	0.0	0.0					

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No	Module	English subjects	Credits	Total Number	Theory	Practice	Internship	Project	Thesis	Year	SM	Prior study	Prerequisite	Concurrent
<i>I.2 Elective subject - completed 0101/accumulated at least 2 credits : 2 credits</i>														
1	202621	Introduction to sociology	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			204618
2	208104	Basic Agricultural and Forestry Economics	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			204618
3	208414	Farm Management	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			204618
Total			6.0	90.0	90.0	0.0	0	0.0	0.0					
<i>I.3 Elective subject - completed 0201/accumulated at least 2 credits : 2 credits</i>														
1	204920	Public Relations - PR	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			204618
2	204921	Agro - Marketing	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			204618
3	208531	Project Building and Management	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			204618
Total			6.0	90.0	90.0	0.0	0	0.0	0.0					
II. Fundamental specialized knowledge :														
<i>II.1 Required subjects</i>														
1	204618	Scientific Approach	1.0	15.0	15.0	0.0	0	0.0	0.0	1	2	202112		
2	202121	Probability and Statistics	3.0	45.0	45.0	0.0	0	0.0	0.0	2	1	202113		
3	204303	Fundamentals of Soil Science	3.0	60.0	30.0	30.0	0	0.0	0.0	2	1	204534		
4	204615	Agro-meteorology	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1	204534		
5	204103	Plant Physiology	3.0	60.0	30.0	30.0	0	0.0	0.0	2	2	202401		
6	204204	Plant Genetics	2.0	45.0	15.0	30.0	0	0.0	0.0	2	2	202401		
7	204301	Soil Fertility and Fertilizers	3.0	60.0	30.0	30.0	0	0.0	0.0	2	2	204303		
8	204616	Experiment Methodology	3.0	60.0	30.0	30.0	0	0.0	0.0	2	2	202121		
9	204617	Water Management	2.0	30.0	30.0	0.0	0	0.0	0.0	2	2	204303		
10	204205	Plant Breeding	2.0	45.0	15.0	30.0	0	0.0	0.0	3	2	204204		
Total			24.0	450.0	270.0	180.0	0	0.0	0.0					

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<i>II.2 Elective subject - completed 0301/accumulated at least 2 credits : 2 credits</i>														
1	202416	Plants and Plant Classification	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1	202401		
2	204109	Agro-Microorganisms	2.0	45.0	15.0	30.0	0	0.0	0.0	2	1	202401		
3	204729	Plant Biodiversity	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1	202401		
Total			6.0	105.0	75.0	30.0	0	0.0	0.0					
<i>II.3 Elective subject - completed 0401/accumulated at least 2 credits : 2 credits</i>														
1	204107	Plant Biochemistry	2.0	45.0	15.0	30.0	0	0.0	0.0	2	1	202401		
2	204110	Molecular Biology	2.0	45.0	15.0	30.0	0	0.0	0.0	2	1	202401		
3	204723	Biotechnology in Plant Protection	2.0	45.0	15.0	30.0	0	0.0	0.0	2	1	202401		
Total			6.0	135.0	45.0	90.0	0	0.0	0.0					
<i>II.4 Elective subject - completed 0501/accumulated at least 2 credits : 2 credits</i>														
1	204311	GAP and Organic Agriculture	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1	204741		
2	204423	Agriculture Extension	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1	204741		
3	204502	Farming Systems	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1	204741		
Total			6.0	90.0	90.0	0.0	0	0.0	0.0					
III. Specialized knowledge :														
<i>III.1 Required subjects</i>														
1	204534	Fundamentals of Agronomy	2.0	30.0	30.0	0.0	0	0.0	0.0	1	1			
2	204741	Plant Protection Internship 1	2.0	90.0	0.0	0.0	90	0.0	0.0	1	2			
3	204739	On- farm Plant Protection Practice 1	1.0	45.0	0.0	0.0	45	0.0	0.0	2	1	204741		
4	204742	Plant Protection Internship 2	2.0	90.0	0.0	0.0	90	0.0	0.0	2	2	204741		
5	204750	On-farm Plant Protection Practice 2	2.0	90.0	0.0	0.0	90	0.0	0.0	2	2	204739		
6	204722	Weed Science	2.0	30.0	30.0	0.0	0	0.0	0.0	3	1	204742		

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7	204734	Plant Pathology	3.0	60.0	30.0	30.0	0	0.0	0.0	3	1	204742		
8	204735	Entomology	3.0	60.0	30.0	30.0	0	0.0	0.0	3	1	204742		
9	204709	Plant Protection Products	2.0	30.0	30.0	0.0	0	0.0	0.0	3	2	204734		
10	204736	Advanced Plant Pathology	3.0	60.0	30.0	30.0	0	0.0	0.0	3	2	204734		
11	204737	Harmful insects and animals in Agriculture	3.0	60.0	30.0	30.0	0	0.0	0.0	3	2	204735		
12	204743	Field trip on Plant Protection 1	2.0	90.0	0.0	0.0	90	0.0	0.0	3	2	204742		
13	204738	Agro - Environment Protection	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1	204709		
14	204744	Field trip on Plant Protection 2	2.0	90.0	0.0	0.0	90	0.0	0.0	4	1	204743		
Total			31.0	855.0	240.0	120.0	495	0.0	0.0					
<i>III.2 Elective subject - completed 0601/accumulated at least 2 credits : 4 credits</i>														
1	204417	Flowers and Ornamental Plants	2.0	45.0	15.0	30.0	0	0.0	0.0	3	1	204742		
2	204418	Vegetable	2.0	45.0	15.0	30.0	0	0.0	0.0	3	1	204742		
3	204421	Fruit Crops	2.0	45.0	15.0	30.0	0	0.0	0.0	3	1	204742		
4	204518	Medicinal Plants	2.0	30.0	30.0	0.0	0	0.0	0.0	3	1	204742		
Total			8.0	165.0	75.0	90.0	0	0.0	0.0					
<i>III.3 Elective subject - completed 0701/accumulated at least 2 credits : 2 credits</i>														
1	204724	Useful Insect	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1	204737		
2	204725	Insect disease and Utilization	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1	204737		
3	204731	Pest in Storage	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1	204737		
Total			6.0	90.0	90.0	0.0	0	0.0	0.0					

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<i>III.4 Elective subject - completed 0801/accumulated at least 2 credits : 4 credits</i>														
1	204422	Food Crops	2.0	45.0	15.0	30.0	0	0.0	0.0	4	1	204743		
2	204532	Perennial Industry Crops	3.0	60.0	30.0	30.0	0	0.0	0.0	4	1	204743		
3	204533	Annual Industry Crops	2.0	45.0	15.0	30.0	0	0.0	0.0	4	1	204743		
4	210303	Postharvest Preservation	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1	204743		
Total			9.0	180.0	90.0	90.0	0	0.0	0.0					
<i>III.5 Elective subject - completed 0901/accumulated at least 2 credits : 4 credits</i>														
1	204909	Profession Seminar 1	1.0	15.0	15.0	0.0	0	0.0	0.0	1	1			
2	204911	Profession Seminar 2	1.0	15.0	15.0	0.0	0	0.0	0.0	1	2			
3	204912	Profession Seminar 3	1.0	15.0	15.0	0.0	0	0.0	0.0	2	1			
4	204913	Profession Seminar 4	1.0	15.0	15.0	0.0	0	0.0	0.0	2	2			
5	204914	Profession Seminar 5	1.0	15.0	15.0	0.0	0	0.0	0.0	3	1			
6	204915	Profession Seminar 6	1.0	15.0	15.0	0.0	0	0.0	0.0	3	2			
7	204916	Profession Seminar 7	1.0	15.0	15.0	0.0	0	0.0	0.0	4	1			
Total			7.0	105.0	105.0	0.0	0	0.0	0.0					
<i>III.6 Elective subject - completed 1001/accumulated at least 2 credits : 10 credits</i>														
1	204112	Topic on Applied Plant Physiology in Agriculture	2.0	45.0	0.0	0.0	0	45.0	0.0	4	2	204744		
2	204215	Topic on Plant Breeding in Sustainable Crop Production adapted to Climate Change	2.0	60.0	15.0	0.0	0	45.0	0.0	4	2	204744		
3	204315	Topic on Plant Nutrient in Sustainable Crop Production	2.0	60.0	15.0	0.0	0	45.0	0.0	4	2	204744		
4	204540	Topic on Sustainable Crop Production adapted to Climate Change	3.0	60.0	30.0	30.0	0	0.0	0.0	4	2	204744		
5	204751	Topic on Plant Protection in sustainable and safety Agriculture	2.0	60.0	15.0	0.0	0	45.0	0.0	4	2	204744		
6	204924	Essay	5.0	150.0	0.0	0.0	0	0.0	150.0	4	2	204744		

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7	204925	Thesis	10.0	150.0	0.0	0.0	0	0.0	150.0	4	2	204744		
Total			26.0	585.0	75.0	30.0	0	180.0	300.0					

Total credits of required subjects : 98 credits

Total credits of elective subjects : 34 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.6
- 3.The subjects can replace thesis (completion of 10 credits of elective subjects III.6)

President of Nong Lam University - Ho Chi Minh City



Assoc.Prof.Dr.Nguyen Hay

Head of Academic Affairs Department

Dr.Tran Dinh Ly

Ho Chi Minh city, November 24-2014
 Dean of Faculty of Agronomy

Dr.Vo Thai Dan