



CREDIT BASED CURRICULUM

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

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

Faculty : Faculty of Agronomy

Discipline : Agronomy

Major : Agronomy

Minimum credits : 135 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			202304
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			202402
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			204618
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			
15	200104	History of the Communist's Party of Vietnam	3.0	45.0	45.0	0.0	0	0.0	0.0	2	2			
16	213603	English 1	4.0	60.0	60.0	0.0	0	0.0	0.0	3	1			
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	204107	Plant Biochemistry	2.0	45.0	15.0	30.0	0	0.0	0.0	2	1	202301		
4	204303	Fundamentals of Soil Science	3.0	60.0	30.0	30.0	0	0.0	0.0	2	1	204534		
5	204615	Agro-meteorology	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1	204534		
6	204103	Plant Physiology	3.0	60.0	30.0	30.0	0	0.0	0.0	2	2	202401		
7	204204	Plant Genetics	2.0	45.0	15.0	30.0	0	0.0	0.0	2	2	202401		
8	204616	Experiment Methodology	3.0	60.0	30.0	30.0	0	0.0	0.0	3	1	202121		
Total			19.0	360.0	210.0	150.0	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>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		204107
2	204110	Molecular Biology	2.0	45.0	15.0	30.0	0	0.0	0.0	2	1	202401		204107
3	204208	Biotechnology in Agriculture	2.0	45.0	15.0	30.0	0	0.0	0.0	2	1	202401		204107
Total			6.0	120.0	60.0	60.0	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	204424	Internship 1	2.0	90.0	0.0	0.0	90	0.0	0.0	1	2	204534		
3	204423	Agriculture Extension	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1	204424		
4	204535	On-farm Practice 1	1.0	45.0	0.0	45.0	0	0.0	0.0	2	1	204424		
5	204301	Soil Fertility and Fertilizers	3.0	60.0	30.0	30.0	0	0.0	0.0	2	2	204303		
6	204425	Internship 2	2.0	90.0	0.0	0.0	90	0.0	0.0	2	2	204535		
7	204536	On-farm Practice 2	2.0	90.0	0.0	90.0	0	0.0	0.0	2	2	204535		
8	204734	Plant Pathology	3.0	60.0	30.0	30.0	0	0.0	0.0	2	2	204107		
9	204205	Plant Breeding	2.0	45.0	15.0	30.0	0	0.0	0.0	3	1	204204		
10	204735	Entomology	3.0	60.0	30.0	30.0	0	0.0	0.0	3	1	204734		
11	204418	Vegetable	2.0	45.0	15.0	30.0	0	0.0	0.0	3	2	204205		
12	204421	Fruit Crops	2.0	45.0	15.0	30.0	0	0.0	0.0	3	2	204205		
13	204422	Food Crops	2.0	45.0	15.0	30.0	0	0.0	0.0	3	2	204205		
14	204537	Field trip 1	2.0	90.0	0.0	0.0	90	0.0	0.0	3	2	204425		
15	204709	Plant Protection Products	2.0	30.0	30.0	0.0	0	0.0	0.0	3	2	204735		
16	204417	Flowers and Ornamental Plants	2.0	45.0	15.0	30.0	0	0.0	0.0	4	1	204537		
17	204532	Perennial Industry Crops	3.0	60.0	30.0	30.0	0	0.0	0.0	4	1	204537		
18	204533	Annual Industry Crops	2.0	45.0	15.0	30.0	0	0.0	0.0	4	1	204537		

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19	204538	Field trip 2	2.0	90.0	0.0	0.0	90	0.0	0.0	4	1	204537		
20	204617	Water Management	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1	204303		
Total			43.0	1125.0	330.0	435.0	360	0.0	0.0					
<i>III.2 Elective subject - completed 0401/accumulated at least 2 credits : 2 credits</i>														
1	203703	Introduction to Animal Sciences	2.0	30.0	30.0	0.0	0	0.0	0.0	3	1	204425		
2	205425	Agroforestry systems	2.0	30.0	30.0	0.0	0	0.0	0.0	3	1	204425		
3	211315	Introduction to Aquaculture	1.0	15.0	15.0	0.0	0	0.0	0.0	3	1	204425		
Total			5.0	75.0	75.0	0.0	0	0.0	0.0					
<i>III.3 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	3	1	204425		
2	204502	Farming Systems	2.0	30.0	30.0	0.0	0	0.0	0.0	3	1	204425		
3	204729	Plant Biodiversity	2.0	30.0	30.0	0.0	0	0.0	0.0	3	1	204425		
Total			6.0	90.0	90.0	0.0	0	0.0	0.0					
<i>III.4 Elective subject - completed 0601/accumulated at least 2 credits : 2 credits</i>														
1	204210	Advanced Plant Breeding	2.0	45.0	15.0	30.0	0	0.0	0.0	3	2	204205		
2	204211	Plant Propagation Technology	2.0	45.0	15.0	30.0	0	0.0	0.0	3	2	204205		
3	210303	Postharvest Preservation	2.0	30.0	30.0	0.0	0	0.0	0.0	3	2	204205		
Total			6.0	120.0	60.0	60.0	0	0.0	0.0					

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<i>III.5 Elective subject - completed 0701/accumulated at least 2 credits : 2 credits</i>														
1	204313	Soil and Water Conservation	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1	204709		
2	204722	Weed Science	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1	204709		
3	204738	Agro - Environment Protection	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1	204709		
Total			6.0	90.0	90.0	0.0	0	0.0	0.0					
<i>III.6 Elective subject - completed 0801/accumulated at least 2 credits : 2 credits</i>														
1	204109	Agro-Microorganisms	2.0	45.0	15.0	30.0	0	0.0	0.0	4	1	204537		
2	204111	Mushroom Production	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1	204537		
3	204518	Medicinal Plants	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1	204537		
Total			6.0	105.0	75.0	30.0	0	0.0	0.0					
<i>III.7 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					

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<i>III.8 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	204538		
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	204538		
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	204538		
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	204538		
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	204538		
6	204924	Essay	5.0	150.0	0.0	0.0	0	0.0	150.0	4	2	204538		
7	204925	Thesis	10.0	150.0	0.0	0.0	0	0.0	150.0	4	2	204538		
Total			26.0	585.0	75.0	30.0	0	180.0	300.0					

Total credits of required subjects : 105 credits

Total credits of elective subjects : 30 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.8
3. The subjects can replace thesis (completion of 10 credits of elective subjects III.8)

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