Nong Lam University
Academic Affairs Department

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 Environment and Natural Resources
Discipline : Landscaping and Environmental Horticulture Major:Landscaping and Environmental Horticulture
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.1 Required subjects														
1	200106	Phylosophy of Marxism and Leninism	5.0	75.0	75.0	0.0	0	0.0	0.0	1	1			
2	202112	Advanced Mathematics B1	2.0	30.0	30.0	0.0	0	0.0	0.0	1	1			
3	202301	General Chemistry	3.0	45.0	45.0	0.0	0	0.0	0.0	1	1			
4	202304	General Chemistry Laboratory	1.0	30.0	0.0	30.0	0	0.0	0.0	1	1			
5	202501	Physical Education 1	1.0	45.0	0.0	45.0	0	0.0	0.0	1	1			
6	213603	English 1	4.0	60.0	60.0	0.0	0	0.0	0.0	1	1			
7	200201	Military training (theory)	3.0	45.0	45.0	0.0	0	0.0	0.0	1	2			
8	200202	Military training (practice)	3.0	90.0	0.0	90.0	0	0.0	0.0	1	2			
9	202113	Advanced Mathematics B2	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2	202112		
10	202401	General Biology	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			
11	202402	General Biology Laboratory	1.0	30.0	0.0	30.0	0	0.0	0.0	1	2			
12	202416	Plants and Plant Classification	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			
13	202502	Physical Education 2	1.0	45.0	0.0	45.0	0	0.0	0.0	1	2			
14	213604	English 2	3.0	45.0	45.0	0.0	0	0.0	0.0	1	2	213603		
15	214103	General Informatics	3.0	60.0	30.0	30.0	0	0.0	0.0	1	2			
16	202121	Probability and Statistics	3.0	45.0	45.0	0.0	0	0.0	0.0	2	1	202113		
17	202404	Plant Biology Laboratory	1.0	30.0	0.0	30.0	0	0.0	0.0	2	1	202402		
18	200104	History of the Communist's Party of Vietnam	3.0	45.0	45.0	0.0	0	0.0	0.0	2	2			
19	200107	Ho Chi Minh Ideology	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1			
Total			**45.0**	**840.0**	**540.0**	**300.0**	**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.2 Elective subject - completed 0101/accumulated at least 2 credits : 4 credits														
1	202417	Animals and Animal Classification	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			
2	202602	Vietnamese Culture	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			
3	202620	Communication skills	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			
4	202621	Introduction to sociology	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			
5	202622	General Law	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			
6	208416	Principles of Management	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			
7	208414	Farm Management	2.0	30.0	30.0	0.0	0	0.0	0.0	2	2			
Total			14.0	210.0	210.0	0.0	0	0.0	0.0					
II. Fundamental specialized knowledge :														
II.1 Required subjects														
1	204103	Plant Physiology	3.0	60.0	30.0	30.0	0	0.0	0.0	2	1	202401		
2	216107	Fundamentals of ecology	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1			
3	216202	Meteorology	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1			
4	216301	General Aesthetics	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1			
5	216304	Introductory Landscape Architecture	2.0	30.0	30.0	0.0	0	0.0	0.0	2	2			
Total			11.0	180.0	150.0	30.0	0	0.0	0.0					
II.2 Elective subject - completed 0201/accumulated at least 2 credits : 6 credits														
1	209101	General Geodesy	3.0	60.0	30.0	30.0	0	0.0	0.0	2	1			
2	216110	Insect and Disease Management in plants	3.0	60.0	30.0	30.0	0	0.0	0.0	2	1			
3	212302	Descriptive geometry	2.0	30.0	30.0	0.0	0	0.0	0.0	2	2			
4	216308	Landscape Project management	2.0	30.0	30.0	0.0	0	0.0	0.0	2	2			
5	216309	Applied Graphics	3.0	75.0	15.0	60.0	0	0.0	0.0	2	2	214103		

Total			13.0	255.0	135.0	120.0	0		0.0	0.0					
III. Specialized knowledge :														
III.1 Required subjects														
1	216103	Media and Plant Nutrition	3.0	60.0	30.0	30.0	0		0.0	0.0	2	1	202301		
2	216108	Ornamental Plants Breeding	2.0	45.0	15.0	30.0	0		0.0	0.0	2	1	202416		
3	216101	Landscape Botany	3.0	60.0	30.0	30.0	0		0.0	0.0	2	2	202416		
4	216115	Experimental design and Statistics	2.0	45.0	15.0	30.0	0		0.0	0.0	2	2	202121		
5	216203	Propagation and Nursery Management	2.0	45.0	15.0	30.0	0		0.0	0.0	2	2	204103		
6	216311	Landscape Drafting	3.0	75.0	15.0	60.0	0		0.0	0.0	2	2			
7	216902	Field trip 1	1.0	30.0	0.0	0.0	30		0.0	0.0	2	2			216101
8	216109	Biodiversity and landscape conservation	2.0	30.0	30.0	0.0	0		0.0	0.0	3	1	202416		
9	216201	Practical skills 1	2.0	60.0	0.0	0.0	60		0.0	0.0	3	1	216103		
10	216312	Landscape Design Principle	3.0	60.0	30.0	30.0	0		0.0	0.0	3	1	216304		
11	216412	Landscape Planning	2.0	30.0	30.0	0.0	0		0.0	0.0	3	1	216107		
12	216106	Urban forestry	3.0	60.0	30.0	30.0	0		0.0	0.0	3	2	216107		
13	216204	Practical skills 2	1.0	30.0	0.0	0.0	30		0.0	0.0	3	2	216201		
14	216205	Floriculture and Grass Cultivation	2.0	45.0	15.0	30.0	0		0.0	0.0	3	2	216103		
15	216212	Bonsai and Ornamental Plants	2.0	45.0	15.0	30.0	0		0.0	0.0	3	2	204103		
16	216415	Landscape Ingrastructure Engineering	3.0	60.0	30.0	30.0	0		0.0	0.0	3	2			
17	216903	Field trip 2	1.0	30.0	0.0	0.0	30		0.0	0.0	3	2	216312		
18	216104	Landscape ecology	2.0	30.0	30.0	0.0	0		0.0	0.0	4	1		216107	
19	216206	Garden Aesthetics	2.0	45.0	15.0	30.0	0		0.0	0.0	4	1	216312		
20	216208	Growing orchids	2.0	45.0	15.0	30.0	0		0.0	0.0	4	1	204103		
21	216406	Ecotourism	2.0	30.0	30.0	0.0	0		0.0	0.0	4	1	216107		
Total			45.0	960.0	390.0	420.0	150		0.0	0.0					
III.2 Elective subject - completed 0301/accumulated at least 2 credits : 14 credits														
1	216213	Garden Tools and Equipments	2.0	30.0	30.0	0.0	0		0.0	0.0	3	1			
2	216316	Landscape Materials	2.0	30.0	30.0	0.0	0		0.0	0.0	3	1			
3	216410	Wildlife Management	2.0	45.0	15.0	30.0	0		0.0	0.0	3	1			
4	216114	Aquatic Plants	2.0	45.0	15.0	30.0	0		0.0	0.0	3	2	204103		
5	216310	Landscape Design	2.0	45.0	15.0	30.0	0		0.0	0.0	3	2	216312		
6	216407	Landscape Management and Maintenance	2.0	45.0	15.0	30.0	0		0.0	0.0	3	2			216106
7	216408	Cost estimation for Landscape Project	2.0	45.0	15.0	30.0	0		0.0	0.0	3	2	216312		
8	216113	Pest and Disease in Landscape Plants	2.0	45.0	15.0	30.0	0		0.0	0.0	4	1	216110		
9	216116	Arts of Ornamental fish	2.0	30.0	30.0	0.0	0		0.0	0.0	4	1			

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10	216319	Modern Lanscape Architecture	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1			
11	216320	Fengshui in garden	2.0	30.0	30.0	0.0	0	0.0	0.0	4	1			
12	216414	Urban Landscape Planning Project	2.0	60.0	0.0	0.0	0	60.0	0.0	4	1	216412		
13	216416	Green infrastructure	2.0	45.0	15.0	30.0	0	0.0	0.0	4	1			
14	218307	Applied GIS in Landscape Management	2.0	45.0	15.0	30.0	0	0.0	0.0	4	1	214103		
15	216906	Advanced Urban forestry	3.0	45.0	45.0	0.0	0	0.0	0.0	4	2	216106		
Total			31.0	615.0	315.0	240.0	0	60.0	0.0					
III.3 Elective subject - completed 0401/accumulated at least 2 credits : 10 credits														
1	216907	Essay	5.0	150.0	0.0	0.0	150	0.0	0.0	4	2			
2	216908	Thesis	10.0	150.0	0.0	0.0	0	0.0	150.0	4	2			
Total			15.0	300.0	0.0	0.0	150	0.0	150.0					

Total credits of required subjects : 101 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.2
3.The subjects can replace thesis (Faculty of Environment and Natural Resources not applicable)

Ho Chi Minh city, November 24-2014

President of Nong Lam University - Ho Chi Minh City	Head of Academic Affairs Department	Dean of Faculty of Environment and Natural Resources
Assoc.Prof.Dr.Nguyen Hay	Dr.Tran Dinh Ly	Dr.Le Quoc Tuan