

CABINET OF MINISTERS OF UKRAINE
NATIONAL UNIVERSITY OF LIFE AND ENVIRONMENTAL SCIENCES OF UKRAINE

CURRICULUM
of the master's degrees preparation for 2013/2014 educational year

Educationally-qualifying level	“Masters”
Specialties	0901 “Agriculture and Forestry”
Speciality	8.09010303 “Park Gardening Management”
Specialization	professional
Master’s programs	“Landscape architecture”, “Ornamental horticulture”, “Ornamental nursery studies”, “Landscape building”, “Nature protected park study”
Specialization	research specialization
Master’s programs	“Scientific bases of preservation and using biodiversity of woody species in decorative plantations”
System of training	full-time education
Age of the apprentices	1,5 years
Qualification	Master of Park Gardening

Will realize preparation of masters

Education and Research Institute	of Forestry and Park Gardening
Faculty	of Park-Gardening and Landscape Architecture
Department	Dendrology and Tree Breeding, Landscape Architecture and Park-Garden Management, Decorative Gardening and Phytodesign, Reforestation and Afforestation

II. CURRICULUM SCHEDULE

№	Discipline	General volume		Форми контролю знань за семестрами			Аудиторні заняття, години			Independent work	Practical preparation		Distribution of auditorium hours on week by courses and semesters			
				Total	credits	examinations	tests	course projection, work	Total				including:			industrial practice
		lectures	I laboratory								practical	1s.	2 s.	3 s		
												An amount of weeks is in a semester			17	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1. NORMATIVE ACADEMIC DISCIPLINES																
1.1. Cycle of humanities, social and economic training*																
1	Philosophy of sciences and innovative development	72	2,00	9			34	17		17	38			2		
2	Business foreign language	72	2,00	9			34			34	38			2		
In total		144	4,0	2	0		68	17		51	76			4	0	0
1.2. Cycle of disciplines of professional preparation*																
1	Labor protection	108	3,00	10			36	18	18		72			2		
2	Scientific research methodology	54	1,50		9		34	17		17	20			2		
3	Greenhouse facility	108	3,00		11	36	20	10	10		52					2
4	Ornamental horticulture	144	4,00	9			68	34	34		76			4		
5	Park and gardens planning	90	2,50		10		36	18		18	54				2	
6	Reconstruction and restoration of landscape-gardening objects	162	4,50		9	36	68	34	34		58			4		
7	Dendrological projecting	126	3,50	9			68	34	34		58			4		
8	Forest-parks management	108	3,00	10			36	18		18	72				2	
9	Inner phytodesign	90	2,50		11		20	10		10	70					2
10	Landscape gardening objects exploitation	72	2,00	11			20	10		10	52					2
In total		1062	29,5	5	5	72	406	201	130	73	584			14	6	6
2. ELECTIVE SCIENCE DISCIPLINES:																
2.1. Elected disciplines by University																
1	Accounting and auditing	126	3,50		10		36	18		18	90				2	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2	Soils and soils compounds	126	3,00		10		36	18	18		90				2	
3	Computer design technologies	216	6,00		10	36	54	18	36		126				3	
4	Park-gardening management and marketing	108	3,00		11		30	20		10	78					3
In total		576	16,00	0	4	1	156	74	54	28	384			0	7	3
Master program "Landscape architecture" professional oriented																
2.1. Elected disciplines by University																
1	Landscape design	108	3,00	10			36	18		18	72				2	
2	Man-made landscapes recultivation	162	4,50		10		54	36		18	108				3	
3	Park studies	108	3,00	11			30	20		10	78					3
In total		378	10,50	2	1	0	120	74	0	46	258			0	5	3
2.2. Elected disciplines by Student																
1	Landscape planning	72	2,00	11			20	10	10		52					2
2	Form diversity of ornamental trees	72	2,00		11		20	10	10		52					2
3	Ecological examination	72	2,00		11		20	10	10		52					2
In total		216	6,00	1	2	0	60	30	30	0	156			0	0	6
All after selective part		594	16,50	3	3	0	180	104	30	46	414			0	18	18
Master program "Ornamental horticulture" professional oriented																
2.1. Elected disciplines by University																
1	Plant breeding and seed study	108	3,00	10			36	18		18	72				2	
2	Man-made landscapes recultivation	162	4,50		10		54	36		18	108				3	
3	Ornamental plants protection	108	3,00	11			30	20	10		78					3
In total		378	10,50	2	1	0	120	74	10	36	258			0	5	3
2.2. Elected disciplines by Student																
1	Ornamental horticulture	72	2,00	11			20	10		10	52					2
2	Form diversity of ornamental trees	72	2,00		11		20	10	10		52					2
3	Current tendencies in ornamental nursery studies	72	2,00		11		20	10	10		52					2
In total		216	6,00	1	2	0	60	30	20	10	156			0	0	6
All after selective part		594	16,50	3	3	0	180	104	30	46	414			0	18	18
Master program "Nature protected park study" professional oriented																
2.1. Elected disciplines by University																
1	Nature protected areas study	108	3,00	11			30	20		10	78					3
2	Man-made landscapes recultivation	162	4,50		10		54	36		18	108				3	
3	World landscape heredity	108	3,00	10			36	18		18	72				2	
In total		378	10,50	2	1	0	120	46	0	46	258			0	5	3
2.2. Elected disciplines by Student																
1	Park studies	72	2,00	11			20	10		10	52					2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2	Biosozology	72	2,00		11		20	10		10	52					2
3	Nature reserved areas ecological control	72	2,00		11		20	10		10	52					2
In total		216	6,00	1	2	0	60	30	0	30	156			0	0	6
All after selective part		594	16,50	3	3	0	180	76	10	76	414			0	18	18
Master program "Ornamental nursery studies" professional oriented																
2.1. Elected disciplines by University																
1	Current tendencies in ornamental nursery studies	108	3,00		10		36	18	18		72				2	
2	Ornamental plants growth and mineral nutrition regulation	162	4,50	10			54	36	18		108				3	
3	Potted woody plants growing	108	3,00	11			30	20	10		78					3
In total		378	10,50	2	1	0	120	74	46	0	258			0	5	3
2.2. Elected disciplines by Student																
1	Nurseries rules and regulations	72	2,00	11			30	20		10	42					2
2	Biotechnology methods in ornamental nurseries	72	2,00		11		20	10	10		52					2
3	Planting stock quality and methods of its estimation	72	2,00		11		30	20	10		42					2
In total		216	6,00	1	2	0	80	50	20	10	136			0	0	6
All after selective part		594	16,50	3	3	0	200	124	66	10	394			0	18	18
Master program "Landscape building" professional oriented																
2.1. Elected disciplines by University																
1	Vertical planning of landscape objects	108	3,00		10		36	18		18	72				2	
2	Agricultural engineering in park- garden building	162	4,50	10			54	36		18	108				3	
3	Parks and garden constructions, mechanisms and equipment	108	3,00	11			30	20		10	78					3
In total		378	10,50	2	1	0	120	74	0	46	258			0	5	3
2.2. Elected disciplines by Student																
1	Landscape projecting	72	2,00	11			30	20		10	42					2
2	Recultivation of affected landscapes	72	2,00		11		20	10		10	52					2
3	Ornamental plants protection	72	2,00		11		30	20	10		42					2
In total		216	6,00	1	2	0	80	50	10	20	136			0	0	6
All after selective part		594	16,50	3	3	0	200	124	10	66	394			0	18	18
Research specialization																
Master's program "Scientific bases of preservation and using biodiversity of woody species in decorative plantations"																
2.1. Elected disciplines by University																
1	Introduction and adaptation of ornamental plants	108	3,00		10		36	18		18	72				2	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2	World phytocollections	162	4,50	10			54	36		18	108				3	
3	Form diversity of ornamental trees	108	3,00	11			30	20	10		78					3
In total		378	10,50	2	1	0	120	74	10	36	258			0	5	3
2.2. Elected disciplines by Student																
1	Nature protected areas study	72	2,00	11			20	10		10	52					2
2	Ornamental plants shape artificial changes	72	2,00		11		20	10		10	52					2
3	Recreational park studies	72	2,00		11		20	10		10	52					2
In total		216	6,00	1	2	0	60	30	0	30	156			0	0	6
All after selective part		594	16,50	3	3	0	180	104	10	56	414			0	18	18
Practical trainings		360	10,00													
Master thesis preparation and defence		360	10,00													
In total for “Master” educational and qualification level		3240	90,00											18	18	18

Names of cycles of disciplines in accordance with the requirements of the industry standards of higher education, ratified after 27.08.2010 year, EQH and EPP.

III. CURRICULUM STRUCTURE

Disciplines	Hours	Credits	%
1. Required disciplines			
1.1. Cycle of humanities, social and economic training *	144	4,0	4,4
1.2. Cycle of disciplines of professional preparation*	1062	29,5	32,8
2. Elective disciplines			
2.1. Elected disciplines by University	954	26,5	29,4
2.2. Elected disciplines by Student	216	6,0	6,7
3. Others	720	20,0	22,2
Together	3240	90,0	100

Names of cycles of disciplines in accordance with the requirements of the industry standards of higher education, ratified after 27.08.2019 year, EQH and EPP.

IV. TIME BUDGET, WEEKS

Course	Practical styduing	Examination period	Practical training	State attestation	Holidays	in total	Course
1	35	4	9			8	56
2	10	2		3	1		16
In total EQL "Masters"	45	6	9	3	1	8	72

V. PRACTICAL TRAINING

№	Practice	Semester	Hours	Credits	Number of weeks
1	Practical training	1	144	4	5
2	Industrial practice before dimplom writing	2	216	6	6

VI. COURSEWORKS AND TERM PROJECTS

№	Discipline	Hours	Credits	Coursework	Term project
1	Reconstruction and restoration of landscape gardening objects	36	1		Term project
2	Computer technologies	36	1		Term project
3	Greenhouse facility	36	1		Term project

VII. STATE ATTESTATION

№	Part of attestation	Hours	Credits	Number of weeks
1	Master thesis preparation and defence	36	1	1

