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

Considered and approved by academic con		OVED" LES of Ukraine
of NULES of Ukraine ""		acad. D. Melnychuk
(Protocol N)	""	2013
	CURRICULUM for 2013/2014 academic years	
Educational qualification level	«Bachelor»	
Branch of knowledge	0518 «Wood processing» (Code and name of the branch of knowledges)	
Training direction	6.051801 «Woodworking technologys» (Code and training direction)	
Form of study Study term Qualification	full-time 3 years 10 month Bachelor of woodworking technology	
Su	bdivisions which provede the bachelor study	
ERI	Forestry and Park Gardening	
Faculty	Forestry	

I. SCHEDULE OF EDUCATIONAL PROCESS

a) training specialists EQL «Bachelor» of 2013 entry year on training direction «Woodworking technologys»

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b) training specialists "Bachelor" of 2013-2014 academic years on training direction "Woodworking technologys"

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IV																	••	:	-	II																		: :	O)	0	//	//													

		Dean of faculty	O.D. Dala
A	- intermediate attestation	// - state exam and	thesis defending
-	- vacation	II - thesis writing	
:	- exam session	O - educational pra	actice
	- theoretical study	X - industrial pract	tice
<u> [abl</u>	e legend:		

II. PLAN OF EDUCATIONAL PROCESS

	T	ı						UCA	110		PRO	CEDI	,								
		Total n	number	k c	Forms nowled control semeste	ges on	Audi	ence e	mployı	ments		Prac traii		Di	stribut			om ho d seme	ours pe esters	r week	by
er.								in	cludin	g:	2		e,	I co	urse	II co	ourse	III c	ourse	IV co	ourse
Number	Disciplines					LS					Self study	=	ctic					esters			-
	Z isospinios	S	<u>s</u>	so.		ape ets)	_	70	y. a	=	II s	ce	ra	1	2	3	4	5	6	7	8
		hours	credits	exams	tests	course papers (projects)	total	lectures	laboratory research	practical	Se	educational practice	industrial practice				r of we		semest		
						000]	lab	Id		ec	snpu	17	18	17	18	15	17	15	16
					1 /	COMD	TIT SO	RY DI	SCIDI	INEC			•=								<u> </u>
			1	1 1 C-							c trainin	~*									
	Ukrainian language			1.1. C <u>y</u>	cie oi n	umani		ana se)c10-ec			g** 									
1	(professional orientation)	108	2,0	1			34			34	74			2							
2	History of Ukraine	108	2,0	8			16			16	92										2
3	Physical training	234	6,5		1-4		140			140	94			2	2	2	2				
4	Foreign language	180	5,0	4	123		140			140	40			2	2	2	2				
5	History of Ukrainian culture	72	2,0		5		30	15		15	42							2			
6	Philosofy	108	2,0	5			60	30		30	48							4			
	Total for the cycle	810	19,5	4	8	0	420	45		375	390			6	4	4	4	6	0	0	2
		r		1.2. Cy		nathen			ally so		training	g*	1		ı		ı	1	1		
1	Ecology	54	1,5		5		30	15		15	24							2			L
2	Physics	360	10,0	2	1		193	87	106		167			5	6						L
3	Higher mathematics	378	10,5	1,2			193	105		88	185			5	6						L
4	Calculable mathematics and	324	9,0	2	1		192	87	105		132	72		6	5						
	programming														_						<u> </u>
5	Chemistry (general, organic)	216	6,0	1	2		122	52	70		94			4	3						<u> </u>
	Total for the cycle	1332	37,0	5	4	0	730	346	281	103	602	772		20	20	0	0	2	0	0	0
		1	ı	1.3	. Cycle	of pro	fession	al and	pract	ical tra	ining*		ı		1	1	I		1		
1	Applied mechanics (resistance of materials, engineering science)	288	8,0	3	4	3	158	70	88		130					4	5				
	Descreptive geometry	108	3,0	1			68	34	34		40			4							
3	Engineering graphics	126	3,5	2			72	36	36		54				4						
4	Safety of vital functions	54	1,5		3		34	17	17		20					2					
5	Electrical engineering and electro- occasion	126	3,5	3			68	34	34		58					4					
6	Wood science	162	4,5	3			68	34	34		94	36				4					
7	Economy of woodworking industry	162	4,5		7, 8		109	47	16	46	53									3	4
8	Equipment of industry	252	7,0	4	3		124	53		71	128	36				2	5				
9	Technology of wood products	252	7,0	6	5	6	128	47	47	34	124	36						4	4		

	Technology of woodwork sawmilling															_					
10	industrys	252	7,0	4	3	4	124	54	36	34	128	36				3	4				
11	Labour safety	108	3,0	8			64	32	32		44										4
	Wood drying and defence technology	252	7,0	5	4	5	132	66	66		120						4	4			
13	Fundamentals of heating engineering	108	3,0		4		54	18	36		54						3				
14	Fundamentals of automatics and APP	126	3,5	6			68	34	34		58	36							4		
	Total for the cycle	2376	66,0	11	9	4	1271	576	510	185	105	521		4	4	19	21	8	8	3	8
				l.	2	2. OPT	IONA	L DISC	CIPLI	NES			•	<u> </u>	<u> </u>						
										niversi											
				2.1.1	l. Cycl	e of pr	ofessio	nal an	d prac	tical tr	aining*										
1	Metrology, standardization and certification	108	3,0		5		60	30	15	15	48							4			
2	Constructing of wood products	108	3,0	6			68	34	34		40	36							4		
3	Fundamentals of CAD system of woodwork objects	108	3,0	7			60	30		30	48									4	
4	Technology of protective-decorative coverages	234	6,5	8	7	7	124	46	47	31	110									4	4
5	Protective processing of wooden structures	90	2,5	6			51	34	17		39								3		
6	Technology of furniture products	198	5,5	7	6		111	32	32	47	87	36							3	4	
7	Wood-based panel technology	126	3,5	5			75	30	30	15	51							5			
8	Organization of woodworking production	108	3,0		8		64	32	32		44										4
9	Fundamentals of accounting and auditing for woodworking enterprises	54	1,5		6		34	17	17		20								2		
10	Technology of millworks	180	5,0	7	6		111	64	47		69	36							3	4	
11	Chemistry HMC	108	3,0	3			68	34	34		40					4					
12	Technology of wooden house-building	144	4,0	7			75	30		45	69	36								5	
13	Technology of the glued materials and plates	144	4,0	4		4	85	34	17	34	59	36					5				
	Total for the cycle	1710	47,5	10	6	1	986	447	322	217	724	180		0	0	4	5	9	15	21	8
										studen											
4		72	2.0	2.2.		le of so			anitar	ian tra			ı	1			I	I		I	
1	Sociology	72	2,0	_	6		34	17		17	38							2	2		
2	Economic theory	108	3,0	5	7		45	30	-	15	63							3		2	
3	Jurisprudence	90	2,5		7		30	15	-	15	60									2	1
4	Psychology	36	1,0		8		16	16		17	20								2		1
5	Politology	90	2,5	1	6	•	34	17		17	56 237			0	•	0	•		2	_	
	Total for the cycle	414	11,5	1 222	4	0	159	95	d near	64	237 aining*	<u> </u>		0	0	0	0	3	4	2	1
1	Computer graphics	72	2,0	4,4,4	2. Cycl	e or pr	30	mai an	a prac 30	ucai tr	42							2			
2	Management on woodworking						30		30		42										\vdash
	enterprises	126	3,5		7		60	30		30	66									4	

3	Fundamentals of Marketing	108	3,0		8		48	32		16	60										3
4	Material science	108	3,0		3		51	17	34		57					3					
5	Modification of wood and wood-base materials	108	3,0		6		51	17	34		57								3		
6	Introduction to speciality	72	2,0		2		36	18		18	36	36			2						
7	Upholstery furniture technology	144	4,0		8		80	32	16	32	64	36									5
8	Planning of woodworking productions	108	3,00	8		8	48	32		16	60										3
	Total for the cycle	846	23,5	1	7	1	404	178	114	112	442	72		0	2	3	0	2	3	4	11
			2.3	. Discij	plines (chosen	by the	studer	nt (out	side the	e study p	lan)									
					2.3	.1. Cyc	le of p	rofessi	onal tr	aining											
1	Military training	675	18,75		1		450			450	225			8	7	8	7				1
2	Training of drivers (category B)	45	1,25	7			0			0	45			15							1
3	Cultural and educational activities	162	4,50		8		90	0	90		72			6	6						1
	Total for the cycle	882	24,50	0	0	0	540	0	90	450	342	0	0	0	0	0	0	0	0	0	0
Prac	tical training	720	20,0									504	216								1
State	e attestation	216	6,0																		1
Amo	unt of term papers (projects)	216	6,0																		
Amo	ount of tests	37																			1
Amo	ount of examinations	32																			1
	Total for EQL "Bachelor"	8640	240,0											30	30	30	30	30	30	30	30

III. STRUCTURE OF CURRICULUM

Educational disciplines	Hours	Credits	%
1. Compulsory disciplines	4518	122,5	52,3
1.1. Cycle of social and humanitarian training*	810	19,5	17,9
1.2. Cycle of mathematical, naturally scientific training*	1332	37,0	29,5
1.3. Cycle of professional and practical training*	2376	66,0	52,6
2. Optional disciplines	2970	82,5	34,4
2.1. Disciplines chosen by the university	1710	47,5	57,6
2.1.1. Cycle of professional and practical training*	1710	47,5	57,6
2.2. Disciplines chosen by the student	1260	35	42,4
2.2.1. Cycle of social and humanitarian training	414	11,5	13,9
2.2.2. Cycle of professional and practical training*	846	23,5	28,5
3. Other types of loading	1152	32,0	13,3
Total for EQL "Bachelor"	8640	240,0	100

^{*} Names of disciplines cycles in accordance with the requirements of higher education industry standards, ratified after 2007 year, EQH and EPP

IV. SUMMARY TIME BUDGET, WEEKS

Course	Theoretical study	Exams	Practical training	Thesis writing	State attestation	Vacation	Total
1	35	4	5			8	52
2	35	4	5			8	52
3	35	4	5			8	52
4	31	4	2		2	8	41
Total	136	12	17		2	32	197

V. PRACTICAL TRAINING

№	Type of practice	Semester	Hours	Credits	Amount of weeks
1	Calculable mathematics and programming	2	72	2,0	2
2	Introduction to speciality	2	36	1,0	1
3	Production work	2	72	2,0	2
4	Technology of the glued materials	4	36	1,0	1
5	Equipment of industry	4	36	1,0	1
6	Technology of woodwork sawmilling industrys	4	36	1,0	1
7	Wood science	4	36	1,0	1
8	Acquainting practice	4	36	1,0	1
9	Fundamentals of automatics and APP	6	36	1,0	1
10	Technology of wood products	6	36	1,0	1
11	Constructing of wood products	6	36	1,0	1
12	Technology of furniture products	6	36	1,0	1
13	Technology of millworks	6	36	1,0	1
14	Technological practice	6	108	3,0	3
15	Technology of saw-timbers	8	36	1,0	1
16	Technology of wood products	8	36	1,0	1

VI. TERM PAPERS AND PROJECTS

№	Discipline	Hours	Credits	Term paper	Course project
1	Applied mechanics	36	1,0		ср
2	Technology of woodwork sawmilling industrys	36	1,0		ср
3	Wood drying and defence technology	36	1,0		ср
4	Technology of wood products	36	1,0		ср
5	Technology of protective- decorative coverages	36	1,0		ср
6	Planning of woodworking productions	36	1,0		ср

VII. STATE ATTESTATION

№	Component of attestation	Hours	Credits	Amount of weeks
1	State exam	216	6,0	1

«CONCERTEDLY»		«DEVELOPED»	
Vice-Rector for Academic, Culture			
and Educational Activities	Ridey N.M.	Dean of faculty	Bala O.P.
Head of Academic Affairs'			
Department	Zazimko O.V.		
Director ERI	Lakyda P.I.		