

CABINET OF MINISTERS OF UKRAINE
National University of Life and Environmental Sciences of Ukraine

Reviewed and approved
academic council NULES Ukraine
"___" _____ 20__
(№ _____)

APPROVED"
Rector NULES Ukraine
_____ Acad. D. Melnychuk
«___» _____ 20__

PLAN LEARNING PROCESS
training in 2013 income
Educational - qualification level "Bachelor"

Knowledge Area 0701 "Transport and transport infrastructure"

Training direction 6.060101 "Building"

Form of training day
Duration of study 3 years 10 months
Qualifications Bachelor for Transport Technology Training direction

Implement bachelors
SEI Technica
Faculty of Engineering Agrobiosistem

**a) training "Bachelor" 2013 entry
in 6.070101 "Building"**

X	-	manufacturing practice
O	-	educational practice
II		подготовка master's work
//	-	state certification (state examination and defense of master's work)

**6) training "Bachelor" 2013 entry
in 6.060101 "Building"**

X	-	manufacturing practice
O	-	educational practice
II		подготовка master's work
//	-	state certification (state examination and defense of master's work)

Dean _____ I. Rogowski

III. Structure of the curriculum

Disciplines	Hours	Credits	%
1. Regulatory disciplines	4570	121,5	66,7
1.1. Cycle of humanitarian and socio- economic disciplines *	1152	32	
1.2. Cycle disciplines of natural science (basic) training *	1386	39	
1.3. Cycle professional disciplines and practical training *	2772	77	
2 . Selected educational disciplines	2160	60	29,1
2.1. Electives University	1278	30	
2.1.1 . Cycle of humanitarian and socio- economic disciplines	0		
2.1.2 . Cycle disciplines of natural science (basic) training *	0		
2.1.3 . Cycle professional disciplines and practical training *	1278	30	
2.2. Electives student	1278	30	
2.2.1 . Cycle disciplines of natural science (basic) training *	180	5	
2.2.2 . Cycle professional disciplines and practical training *	900	25	
3. Other load	360	10	4,2
Total	8640	240	100

* Names cycles disciplines in accordance with the state of the industry standards for higher education approved since 2007, the OKH and PPOs

IV. SUMMARY OF BUDGET TIME WEEK

Year of study	Theoretical study	Exams	Practical Training	Preparation of Master work	State certification	Vacation	Total
1	34	4	6	-	-	8	52
2	34	4	6	-	-	8	52
3	34	4	6	-	-	8	52
4	30	4	1	3	1	2	42
Total	132	16	19	3	1	26	198

V. PRACTICAL TRAINING

№	Type of practice	Semester	Hours	Credits	Number of weeks
1	Training and orientation	2	162	4,5	3,0
2	Training management technique	2	216	6	4,0
3	Production in autoenterprise	4	324	9	6,0
4	Production	6	378	10,5	7,0
Total			1080	30	20

VI. COURSE WORK AND PROJECTS

№	Name of discipline	Hours	Credits	Course work	Course projects
1	Metrology and standardization	36	1		1
2	Metal construction	36	1		1
3	Engineering Geology and Soil Mechanics basics	36	1		1
4	Architecture of buildings and structures	36	1		1
5	Foundations	36	1	1	
6	Technology and building organization	36	1		1
7	Concrete and stone construction	36	1		1
Total		252	252	7	1

VII. STATE CERTIFICATION

№	Component certification	Hours	Credits	Number of weeks
1	Preparation of the master's work	36	1	1
2	Protection of the master's work	216	6	3
Total		242	7	4

II. PLAN LEARNING PROCESS
curriculum specialists EQL "Bachelor" in 6.060101 " Building "

№	Course Title	Total amount		Forms of knowledge control Semester			Class hours			Self-dependent work	Practical Training		Distribution weekly hours for courses and semesters								
		hours	credits	exam	test	course work	Total	including			Practical Training	Practical industrial	I courses		II courses		III courses		IV courses		
								semesters													
								1 s.	2 s.				3 s.	4 s.	5 c.	6 s.	7 s.	8 s			
								Number of weeks in semesters													
								18	17				18	17	18	17	18	14			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1. Regulatory disciplines																					
1.1. Cycle of humanitarian and socio-economic disciplines *																					
1	Ukrainian language (for professional purposes)	72	2,0	e			48	16		32	24			3							
2	History of Ukraine	180	5,0	e	зач		114		114		66			3	2	2					
3	History of Ukrainian Culture	180	5,0		зач		114			114	66			2	2	2	2				
4	Foreign Language (for professional purposes)	108	3,0	e			64	32		32	44			4							
5	Philosophy	108	3,0	e			64	32		32	44			4							
6	Physical Education **	82	2,3	e			64	32		32	44						4				
7	Economic Theory	72	2,0		зач		48	16		32	42						3				
8	Law	72	2,0		зач		51	17		34	39							3			
9	Sociology	72	2,0		зач		48	16		32	24								3		
10	Politics	72	2,0		зач		48	16		32	24								3		
Total		838	23,3	5	6	0	523	151	114	258	315	10	0	16	4	4	2	7	3	6	0
1.2. Cycle of natural science (basic) training																					
1	Politics	87	2,4	e	t		4	2	2		83			4	3						
2	Descriptive Geometry	87	2,4	e	t		4	2	2		83			4	3						
3	Higher Mathematics	268	7,4	e	t		104	6		98	164			4	4	4					
4	Applied Mathematics	74	2,1		t		34	0	34		40						4				
5	Computers and Computer Technology	74	2,1	e			34	0	34		40				4						
6	Chemistry	108	3,0	e			68	34	34		40				4						
7	Theory of Mechanisms and Machines	48	1,3	e	t		4	2	2		44					2	4				
8	Engineering Mechanics	110	3,1	e	t		8	4	4		102				4	4					
9	Mechanics of Materials and Structures	110	3,1	e	t		8	4	4		102					4	4				

Total		966	26,8	8	7	36	268	54	116	98	698	0	0	12	22	14	12	0	0	0	0
1.3. Cycle professional and practical training																					
1	Surveying Engineering (General Course)	74	2,1	e			34	0	34		40				4						
2	Engineering Geology	26	0,7		t	36	4	2	2		22							2			
3	Construction Materials	52	1,4		t		8	4	4		44					4					
4	Construction Machinery	74	2,1	e			34	0	34		40						4				
5	Architecture of Buildings and Constructions	96	2,7	e	t	36	12	6	6		84						4	4			
6	Electrical Construction	20	0,6		t		0	0	0		20						2				
7	Metrology and Standardization	20	0,6		t	36	0	0	0		20					2					
8	Structural Mechanics	96	2,7	e	t		12	6	6		84						4	4			
9	Water and Wastewater	56	1,6	e			12	6	6		44							4			
10	Technology Building Production	56	1,6		t		12	6	6		44							4			
11	Metal Construction	50	1,4	e	t	36	6	3	3		44							2	4		
12	Heat and Ventilation	74	2,1		t		34	0	34		40								4		
13	Urban Planning and Transport	74	2,1	e			34	0	34		40								4		
14	Bases and Foundations	192	5,3	e		36	16	8	8		156								4	4	
15	Production Base of Construction	60	1,7	e			16	8	8		44									4	
16	Technology and Organization of Construction	60	1,7	e		36	16	8	8		44									4	
17	Building Construction	112	3,1	e	t		16	8	8		96									4	4
18	Reinforced Concrete and Masonry Structures	112	3,1	e	t	36	16	8	8		96									4	4
19	Business Building	30	0,8	e			8	4	4		22									2	
20	Occupational Health	80	2,2	e			34	0	34		46										4
21	Organization of Construction	80	2,2		t		34	0	34		46										4
Total		1494	41,8	14	12	216	358	77	281	0	1116	0	0	0	4	6	14	20	16	22	16
Total		3298	91,9	27	25	252	1149	282	511	356	2129	10	0	28	30	20	30	27	22	25	16
2. Selective academic disciplines																					
2.1. Elective Courses University																					
2.1.1. Cycle professional and practical training *																					
1	Introduction to Specialty	24	0,7		t		2	1	1		22			2							
2	Engineering Structures	30	0,8		t		6	3	3		24					3					
	Metals and Welding in Construction																4				
	Principles of Design and Construction of Case																	3			
3	Modern Building Materials	30	0,8		t		6	3	3		24					3					
4	Construction of Wood and Plastic	50	1,4	e			6	3	3		44							2	4		

5	Introduction to Specialty	40	1,1		t		0	0	0		40							4		
6	Engineering Structures	33	0,9		t		9	5	5		24							3		
Total		207	5,8	1	5	0	29	15	15	0	178	0	0	2	0	6	4	8	8	0
2.2. Disciplines chosen by student																				
2.2.1. Cycle professional and practical training *																				
1	Software engineering calculations	88	2,4	e	t		12	6	6		76								3	4
	Designing local roads															3				
2	Inspection and testing of buildings and structures	30	0,8		t		0	0	0		30									3
3	Seismology	30	0,8		t		0	0	0		30									3
4	Fundamentals of design automation in construction	64	1,8		t		8	4	4		56								2	4
Total		270	7,5	1	1	36	157	70	87	0	113	0	0	0	0	0	0	3	5	14
Together in a selected component		1278	36	3	10	36	734	318	416	0	544	0	0	2	0	9	8	8	11	5
practical Training		1080																		
Training of drivers		108	3								108									
Military training		675		e	t		450	225	225		225									
Preparation and baccalaureate work		216	6																	
Amount of coursework (projects)		360				360														
Number of exams		203		203																
Number of credits		64			64															
State certification		36	1																	
Total Bachelor		8640	240	30	42		3853	1689	1391	659	2877	128	630	30	30	30	30	30	30	30

В.о. декана ф-ту ІА,
відповідальний за переклад

І. Роговський