

**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 6.070101 "Transport technology (for modes of transport)"**

**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**

**I. SCHEDULE OF EDUCATIONAL PROCESS**  
**a) training "Bachelor" 2013 entry**  
**in 6.070101 "Transport technology (for modes of transport)"**

Course	2013 year																	2014 year																																								
	September				30	October			28	November				December				30	January			27	February			24	March				31	April			28	May				June			30	July			28	August										
	2	9	16	23	IX	7	14	21	X	4	11	18	25	2	9	16	23	XII	6	13	20	I	3	10	17	II	3	10	17	24	III	7	14	21	IV	5	12	19	26	2	9	16	23	VI	7	14	21	VII	4	11	18	25						
					5				2					7				1				1				1					5				3				10				7				5				2				9			
	7	14	21	28	X	12	19	26	XI	9	16	23	30	7	14	21	28	I	11	18	25	II	8	15	22	III	8	15	22	29	IV	12	19	26	V	10	17	24	31	7	14	21	28	VII	12	19	26	VIII	9	16	23	30						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52						
<b>I</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	-	-	:	:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	:	:	O	O	O	O	O	O	O	-	-	-	-	-	-					

Legend:

	- theoretical training
:	- exams
-	- vacation

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

**б) training "Bachelor" 2013 entry**  
**in 6.070101 "Transport technology (for modes of transport)"**

Course	2013 year																	2014 year																																								
	September				30	October			28	November				December				30	January			27	February			24	March				31	April			28	May				June			30	July			28	August										
	2	9	16	23	IX	7	14	21	X	4	11	18	25	2	9	16	23	XII	6	13	20	I	3	10	17	II	3	10	17	24	III	7	14	21	IV	5	12	19	26	2	9	16	23	VI	7	14	21	VII	4	11	18	25						
					5				2					7				1				1				1					5				3				10				7				5				2				9			
	7	14	21	28	X	12	19	26	XI	9	16	23	30	7	14	21	28	I	11	18	25	II	8	15	22	III	8	15	22	29	IV	12	19	26	V	10	17	24	31	7	14	21	28	VII	12	19	26	VIII	9	16	23	30						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52						
<b>I</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	-	-	:	:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	:	:	O	O	O	O	O	O	O	-	-	-	-	-	-					
<b>II</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	:	:	:	:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	:	:	X	X	X	X	O	O	-	-	-	-	-	-	-					
<b>III</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	:	:	:	:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	:	:	X	X	X	X	X	X	-	-	-	-	-	-	-					
<b>IV</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	:	:	:	:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	:	:	X	//	II	II	II	//															

Legend:

	- theoretical training
:	- exams
-	- vacation

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II	подготовка master's work
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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	Theory of Mechanisms and Machines	36	1		1
2	General course of transport	36	1	1	
3	Operations Research in transport systems	36	1	1	
4	Fundamentals of the theory of transport processes and systems	36	1		1
5	Freight transportation	36	1	1	
6	Interaction modes	36	1		1
7	Logistics	36	1		1
Total		252	7	1	6

### 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 6.070101 "Transport technology (for modes of transport)"

№	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					
								lecture	laboratory				practical	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												
		15	16	17	18	19	20	21	22												
<b>1. Regulatory disciplines</b>																					
<b>1.1. Cycle of humanitarian and socio-economic disciplines *</b>																					
1	Ukrainian language (for professional purposes)	72	2,0	e			48	16		32	24			3							
2	History of Ukraine	216	6,0	e	t		114		114		102			3	2	2					
3	History of Ukrainian Culture	180	5,0		t		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 **	108	3,0	e			64	32		32	44						4				
7	Economic Theory	72	2,0	e			48	16		32	24						3				
8	Law	72	2,0		t		51	17		34	21							3			
9	Sociology	72	2,0	e			48	16		32	24									3	
10	Politics	72	2,0		t		48	16		32	24									3	
<b>Total</b>		<b>1080</b>	<b>30</b>	<b>6</b>	<b>4</b>	<b>0</b>	<b>663</b>	<b>177</b>	<b>0</b>	<b>372</b>	<b>417</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>7</b>	<b>3</b>	<b>6</b>	<b>0</b>
<b>1.2. Cycle of natural science (basic) training</b>																					
1	Politics	108	3,0	e			64	32	32		44			4							
2	Engineering and Computer Graphics	108	3,0	e			64	32	32		44			4							
3	Higher Mathematics	360	10,0	e			196	98		98	164			4	4	4					
4	Chemistry	108	3,0	e			68	34	34		40				4						
5	Technical Mechanics	108	3,0	e		36	68	34	34		40				4						
6	Computer Science and Programming	180	5,0	e	t		98	48	50		82					4	2				
7	Dynamics of Freight Hauling Vehicles	108	3,0		t		64	32	32		44					4					
8	Probability Theory and Mathematical Statistics	90	2,5		t		51	17		34	39						3				



10	Transportation Planning System Agribusiness	72	2,0		t		42	26	16		30								3		
11	Environmental Characteristics of Traffic Management Schemes	54	1,5		t		28	14	14		26										2
12	Means of Traffic	54	1,5		t		32	16	16		22									2	
13	Organization of International Road Transport	126	3,5	9			64	32	32		62									4	
14	Technologically-Transport Processes in Agriculture	90	2,5		t		42	14	28		48										3
15	Maintenance and Repair of Motor Vehicles	108	3,0		t		52	26	26		56										4
16	Vehicle Safety	54	1,5		t		26	13	13		28										2
<b>Total</b>		<b>1404</b>	<b>39,0</b>	<b>3</b>	<b>13</b>	<b>0</b>	<b>716</b>	<b>290</b>	<b>426</b>	<b>0</b>	<b>688</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>10</b>	<b>4</b>	<b>6</b>	<b>9</b>	<b>11</b>
<b>2.2. Electives student</b>																					
<b>2.2.1. Cycle of humanitarian and socio-economic disciplines *</b>																					
1	Introduction to Specialty	54	1,5		t		32	16		16	22			2							
2	Fundamentals of Transport Psychology	72	2,0		t		52	26	26		20			3							
3	System "Machine-Biological Media"	72	2,0		t		52	26	26		20			3							
4	Fundamentals of Customs Legislation	72	2,0		t		52	26	26		20			3							
5	Principles of Criminology	72	2,0		t		52	26	26		20			3							
6	Traffic Regulations	108	3,0	9			64	32	32		44				4						
7	Examination of Accident	54	1,5		t		32	16	16		22									2	
8	Cargo Siense	72	2,0		t		48	24	24		24									3	
9	Transport Trasology	54	1,5		t		32	16	16		22									2	
10	Basic Research	72	2,0		t		39	13	26		33										3
11	Tariffs and Tariff System	54	1,5		t		27	13	14		27										2
<b>Total</b>		<b>756</b>	<b>21,0</b>	<b>1</b>	<b>10</b>	<b>0</b>	<b>482</b>	<b>234</b>	<b>232</b>	<b>16</b>	<b>274</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>12</b>	<b>4</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>5</b>
<b>Together in a selected component</b>		<b>2160</b>	<b>60</b>	<b>4</b>	<b>23</b>	<b>0</b>	<b>1198</b>	<b>524</b>	<b>658</b>	<b>16</b>	<b>962</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>12</b>	<b>6</b>	<b>10</b>	<b>11</b>	<b>6</b>	<b>9</b>	<b>16</b>
<b>practical Training</b>		<b>758</b>										<b>128</b>	<b>630</b>								
<b>Training of drivers</b>		<b>675</b>		9	t		<b>450</b>	<b>225</b>	<b>225</b>		<b>225</b>										
<b>Military training</b>		<b>288</b>	<b>8</b>																		
<b>Preparation and baccalaureate work</b>				7																	
<b>Number of exams</b>				30																	
<b>Number of credits</b>					42																
<b>State certification</b>		<b>36</b>	<b>1</b>																		
<b>Total Bachelor</b>		<b>8640</b>	<b>240</b>	<b>30</b>	<b>42</b>		<b>3853</b>	<b>1689</b>	<b>1391</b>	<b>659</b>	<b>2877</b>	<b>128</b>	<b>630</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>

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

І. РОГОВСЬКИЙ