

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

**PLAN LEARNING PROCESS
training in 2013 income**

Educational-qualification of Knowledge Area	“Master”
Specialty	0701 “Transport and transport infrastructure”
Specialty	8.07010104 “Organization and regulation of traffic”
Master program	manufacturing
Form of training	“Technology traffic engineering” day
Training period of Qualification	1,5 years Researcher (in transport)

Implement the master's program

SEI	Technical
Faculty	of Engineering Agrobiosistem
Departments	of transport technologies and in the AIC

I. SCHEDULE OF EDUCATIONAL PROCESS
a) training “Master” 2013 entry
specialty 8.07010104 “Organization and regulation of traffic”

Year of study	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	1	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		
	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		
I																																																			X	X	X	X
	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	X	X	-	-	-	-	-	
Year of study	2014 year																																																					
	September				29	October			27	November				December				29																																				
	1	8	15	22	IX	6	13	20	X	3	10	17	24	1	8	15	22	XII																																				
	6	13	20	27	X	11	18	25	XI	8	15	22	29	6	13	20	27	I	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70																		
II	1	2	3	4	5	6	7	8	9	10	:	:	II	II	II	II	//																																					

б) training “Master” 2013 entry
specialty 8.07010104 “Organization and regulation of traffic”

Year of study	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	1	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	
	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	
II	1	2	3	4	5	6	7	8	9	10	:	:	II	II	II	II	//																																				

Legend:

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- theoretical training
- exams
- vacation

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II
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- manufacturing practice
- educational practice
- master's work writing
- state certification (state examination and defense of master's work)

II. PLAN LEARNING PROCESS
specialty 8.07010104 “Organization and regulation of traffic”

№	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	1 year courses		2 year courses	
								lecture	laboratory				practical	1 Sem.	2 Sem.	3 Sem.
		Number of weeks in semesters														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1. REGULATORY DISCIPLINES																
1.1. Cycle of humanitarian and socio-economic disciplines*																
1	Business Foreign Language	144	4,0	e			48		48		96			3		
2	Foreign language of scientific communication	144	4,0		t		48		48		96			3		
3	Physical Education	36	1,0		t		18		18	18				1		
4	Civil defense	36	1,0		t		17		17		19				1	
Total		360	10	1	3	0	131	0	113	18	229	0	0	7	1	0
1.2. Disciplines of natural science training cycle*																
1	Project Analysis	180	5		t		68	34		34	112				4	
2	Research Methods	180	5	e			40	20		20	140					4
Total		360	10	1	1	0	108	54	0	54	252	0	0	0	4	4
1.3. Cycle disciplines professional and practical training*																
1	Special Methods of Traffic Management	180	5	e		36	64	32	32		80			4		
2	Transport planning large and major cities	216	6	e		36	86	43	43		94	360			5	
3	Automated Traffic Control System	126	3,5	e	t	36	64	27	37		98			2		3
4	Economy of Traffic Management	108	3	e			30	10	20		78					3
5	Occupational safety and health in Industry	72	2	e			20	10	10		52					2
Total		702	19,5	5	1	108	264	122	142	0	402	360	234	6	5	6
Total		1422	39,5	7	5	108	503	176	255	72	883	360	234	13	10	10
2. SELECTED DISCIPLINES																
2.1. Electives University																

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2.1.1. Cycle professional disciplines and practical training*																
1	Sanitation and Hygiene vehicles	72	2	e			17		17		55			1		
2	Loads Agribusiness	198	5,5	e			64	32	32		134			4		
3	Navigation Systems for Truck	234	6,5	e			68	52	52		130				4	2
4	Transport planning of rural settlements	90	2,5		t		34	17	17		56				2	
5	Monitoring and assessment of vehicles	198	5,5		t		40	20	20		158					4
Total		792	22	3	2	0	223	121	138	0	533	0	0	5	6	6
2.2. Electives student																
2.2.1. Cycle professional disciplines and practical training*																
1	Quality management techniques	90	2,5		t		34	17		17	56				2	
2	Theory of decision making under conditions of environmental and economic constraints	90	2,5		t		20	10		10	70					2
Total		180	5	0	2	0	54	27	0	27	126	0	0	0	2	2
Total		972	27	3	4	0	277	130	120	27	656	0	0	5	8	8
Total .1, .2		2394	66,5	10	7	108	780	306	375	99	1542	360	234	18	18	18
Practical Training		252	7													
Preparation and defense of master's thesis		594	16,5								360	234				
Amount of coursework (projects)						3										
Number of tests					10											
Number of exams				11												
Total specialty		3240	90	11	10	108	786	357	313	116	1500	360	234	18	18	18

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

III. STRUCTURE OF THE CURRICULUM

Disciplines	Hours	Credits	%
1. Regulatory disciplines	1422	39,5	44
1.1. Cycle of humanitarian and socio-economic disciplines*	360	10	
1.2. Natural science training cycle disciplines*	360	10	
1.3. Cycle disciplines vocational and practical training*	702	19,5	
2. Selected disciplines	972	27	30
2.1. Electives University	792	22	
2.1.1. Cycle professional disciplines and practical training*	792	22	
2.2. Electives student	180	5	
2.2.1. Cycle professional disciplines and practical training*	180	5	
3. Other load	846	23,5	26
Total	3240	90	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	10	-	-	8	56
2	10	2	-	4	1	-	17
Total	44	6	10	4	1	8	73

V. PRACTICAL TRAINING

№	Type of practice	Semester	Hours	Credits	Number of weeks
1	Design and transport practices	1	216	6,0	4
2	Manufacturing practice	2	342	9,5	6

VI. COURSE WORK AND PROJECTS

№	Name of discipline	Hours	Credits	Course work	Course projects
1	Special methods of traffic management	36	1	-	1
2	Transport planning large and major cities	36	1	-	1
3	Automated Traffic Control System	36	1	-	1

VII. STATE CERTIFICATION

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