

## CURRICULUM - Transport B

№	Components	Course Code	Prerequisite Code	Number of Credits	Number of Hours	Including								Credit distribution within semesters							
						Lecture	Laboratorial	Practical	Group work	Internship	Midterm Exam	Final Exam	Independent Work	I semester	II semester	III semester	IV semester	V semester	VI semester	VII semester	VIII semester
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
<b>Compulsory Courses</b>																					
1	Mathematics for Engineers I	B11406090253	No	5	125	15		27			1	2	80	5							
2	Mathematics for Engineers II	B11406090254	B11406090253	5	125	15		27			1	2	80		5						
3	Engineering Graphics I	B1140601004	No	5	125	15		42			1	2	65	5							
4	Physics	B1140901036	No	5	125	15		13			1	2	80	5							
5	History of Georgia (General Course)	B1140702003	No	3	75	15	15				1	2	42	3							
6	Academic Writing	B1140701001	No	3	75		30				1	2	42	3							
7	Introduction to Philosophy	B1140703002	No	2	50	15		15			1	2	17	2							
8	Psychology	B1140302055	No	2	50	15	15				1	2	17	2							
9	Information Technologies	B1140601005	No	5	125	14		23			1	2	85	5							
10	Theoretical Mechanics	B1140601001	No	5	125	29		28			1	2	65		5						
11	Liquid and Gas Applied Mechanics	B1140601010	No	5	125	15		27			1	2	80		5						
12	Computer Graphics I	B1140601008	B1140601006	5	125			42			1	2	80		5						
13	Computer Graphics II	B1140601009	B1140601008	2	50			15			1	2	32			2					
14	Basics of Modeling Computer Systems (MatCAD, Matlab)	B1140601010	No	3	75	15		15			1	2	42			3					
15	English Beginner English A1.1 English A2.1 English B1.1	B1140102070 B1140102073 B1140102002 B1140102004	No	5	125			42			1	2	80		5						

	English B2.1.1	B1140102014																	
16	English A1 English A2.1 English B1.1 English B2.1.1 English B2.2.1	B1140102078 B1140102083 B1140102084 B1140102107 B1140102108	B1140102070 B1140102073 B1140102002 B1140102004 B1140102014	10	250		87			1	2	160			10				
17	English A2.1 English A2.2 English B1.2 English B2.1.2 English B2.2.2	B1140102002 B1140102003 B1140102005 B1140102015 B1140102072	B1140102078 B1140102083 B1140102084 B1140102107 B1140102108	5	125		42			1	2	80			5				
<b>Major Compulsory Courses</b>																			
18	Theory of Mechanisms and Machinery	B1140601035	B1140601001	5	125	30	27			1	2	65			5				
19	Theoretical Basics of Transport Processes and Systems	B1140601036	No	5	125	30	27			1	2	65			5				
20	Materials Durability I	B1140601034	B1140601001	5	125	15	27			1	2	80			5				
17	Parts of Machinery	B1140601037	B1140601035	5	125	15	27			1	2	80			5				
18	Unified Transport System	B1140601038	No	5	125	15	27			1	2	80			5				
19	Cargo Studies and Certification	B1140601039	No	5	125	27	30			1	2	65			5				
20	Means of Transport and Electrical Traction I (automobiles, specialized rolling stocks, trains)	B1140601040	No	5	125	30	14			1	2	65			5				
21	Means of Transport and Electrical Traction II (automobiles, specialized rolling stocks, trains)	B1140601041	B1140601040	5	125	15	14			1	2	80			5				
22	Crane-Transport Machines	B1140601042	B1140601001	5	125	30	27			1	2	65			5				
23	Combustion Engines I	B1140601043	No	5	125	30				1	2	65			5				
24	Combustion Engines II	B1140601044	B1140601043	5	125	30				1	2	65						5	
25	Automobile Transportation and Traffic Organization I	B1140601045	B1140601036	5	125	30				1	2	65						5	
26	Railway Transportation	B1140601048	No	5	125	15				1	2	80						5	
27	Passenger Transportation	B1140601050	No	5	125	30				1	2	65							5

28	Internship	B1140601051	B1140601036	5	125					88		2	35						5		
29	Automobile Transportation and Traffic Organization II	B1140601046	B1140601045	3	75	15					1	2	42						3		
30	Safety and Urgent Situation Management	B1140601047	No	2	50	15					1	2	17						2		
31	Sea Transportation	B1140601050	No	5	125	30					1	2	65							5	
<b>Major Elective Courses</b>																					
32	Electrical Engineering and Electronics	B1140601064	B1140901036	5	125	15	29		13		1	2	65		5						
33	Electrical Engineering and Thermal Engineering	B1140601065	B1140901036	5	125	14	13		15		1	2	80								
34	Electrical Machinery	B1140601020	B1140601064	5	125	14	28				1	2	80								
35	Computer Design Systems (LIRA)	B1140601074	No	5	125	15		27			1	2	80				5				
36	Bachelor's Thesis	B1140601052	No	10	250			100					150							10	
37	Minor Program or Free Components			60														15	15	15	15
<b>Total</b>				240										30	30	30	30	30	30	30	