Bachelor's Level
Curriculum

Educational Program: **Transport**

N	Components	Number of credit	Academic hours	*Contact hours*					*Distribution of credits in semesters*							
				Including												
				Total	Lecture	Laboratory	Practical	Independent	I semester	II Semester	III Semester	IV Semester	V semester	VI Semester	VII semester	VIII semester
1	Engineering Mathematics 1	5	125	45	15		30	80	5							
2	Engineering Mathematics II		125	45	15		30	80		5						
3	Engineering Graphics I	5	125	60			60	65	5							
4	Physics	5	125	45	15	15	15	80	5							
5	History of Georgia	3	75	30	15		15	45	3							
6	Georgian Language and Speech Culture	3	75	30	15		15	45	3							
7	Introduction to Modern Thinking	2	50	15	15			35	2							
8	Psychology	2	50	15	15			35	2							
9	Theoretical Mechanics	5	125	60	30		30	65		5						
10	Liquid and Air Applied Mechanics	5	125	45	15		30	80		5						
11	Computer Graphics I	5	125	45			45	80		5						
12	Computer Graphics II	5	125	45			45	80			5					
13	Electrical Techniques and Electronics	5	125	60	30	30		65		5						
14	Materials Durability I	5	125	45	15		30	80			5					
15	Theory of Machinery and Mechanisms	5	125	60	30		30	65			5					
16	Theoretical Basics of Transport Processes and Systems	5	125	60	30		30	65			5					
17	Machine Parts	5	125	45	15		30	80				5				
18	Unified Transport System	5	125	60	30		30	65				5				
19	Cargo Studies and Certification	5	125	45	15		30	80				5				
20	Transport Means and Electric Traction (Automobiles, Trains) I	5	125	60	30	15	15	65				5				
21	Transport Means and Electric Traction (Automobiles, Trains) II	5	125	45	15	15	15	80					5			
22	Crane-Transport Machinery	5	125	60	30		30	65					5			
23	Gas Engines I	5	125	45	15		30	80					5			
24	Gas Engines II	5	125	45	15		30	80						5		
25	Automobile Cargo Transportation I	5	125	60	30		30	65						5		
26	Automobile Cargo Transportation II	5	125	45	15		30	80							5	
27	Basics of Rolling Stock Economy	5	125	45	15		30	80						5		
28	Passenger Transportation	5	125	60	30		30	65							5	
29	Railway Transportation	5	125	45	15		30	80							5	
30	Sea Transportation	5	125	60	30		30	65								5
31	Bachelor's Thesis	10	250	90			90	160								10
31.1	Internship	5	125	45	15		30	80								5
31.2	Labor Insurance and Emergency Situation Control	5	125	45	15		30	80								5
	Free Components Concentration	30	750	285				465	5	5	10	10				
	Minor Specialty	60	1500	600				900					15	15	15	15
	Total:	240		2400	555	90	900		30	30	30	30	30	30	30	30