

TODOR KABLESHKOV UNIVERSITY OF TRANSPORT

FACULTY OF TECHNOLOGY AND MANAGEMENT OF TRANSPORT

Programme: **Technology and Management of Transport**

Degree: **Bachelor**

Professional Qualification: **Transport Engineer**

Mode of Study: **Full-time**

Duration of Study: **Four years**

№	Code	Subject	Duration	Contact Hours	ECTS Credits
1	2	3	4	5	6
		Compulsory			
1	811	Mathematics I	1S	75	7
2	1207	Chemistry	1S	45	4
3	715	Foreign Language /English, German, French, Russian/	1S	90	6
4	702	Economics	1S	60	4
5	140	Occupational Safety and Health in Transport	1S	45	4
6	1435	Fundamentals of Accounting	1S	60	5
7	812	Mathematics II	1S	75	7
8	1114	Physics	1S	90	7
9	838	Informatics	1S	90	7
10	703	Economic History	1S	45	3
11	1202	Material Science	1S	75	6
12	814	Mathematics III	1S	60	6
13	914	Applied Mechanics	1S	75	6
14	150	Transport Commercial Activities	1S	105	7
15	142	Transport Technical Operation and Safety	2S	135	10
16	689	Material Handling and Storage Processes	1S	75	6
17	219	Transport Equipment	1S	75	7
18	543	Telecommunications and Signalling	1S	60	5
19	134	Statistical Data Processing	1S	45	4
20	1108	Electrical Engineering and Electronics	1S	60	5
21	224	Train Brake Systems and Traction	1S	60	4
22	158	Technology and Organization of Transport	2S	150	14
23	111	Management Information Systems	1S	60	5
24	247	Heat Transfer and Energy Equipment	1S	60	5
25	1464	Economics of Transport	1S	60	5
26	346	Transport Infrastructure	1S	45	4
27	113	International Transport	1S	75	7
28	1004	Engineering Drawing	1S	45	4
29	117	Modeling and Optimization of Transport Processes	1S	105	10
30	1005	Fundamentals of Machine Design	1S	60	5
31	155	Projects Management	1S	90	7
32	139	Traffic Flow Theory	1S	75	6
33	126	Fundamentals of Law	1S	60	5
34	110	Internet Technologies	1S	90	7
35	115	Management and Marketing in Transport	1S	75	7
36	124	Fundamentals of Logistics	1S	90	7
37	1209	Ecology	1S	60	4
38	101	Transport Modes Interaction		75	6
39	719	Physical Education and Sports	4S	120	
		Elective			
40.1	145	Technology and Design of Railway Stations and Junctions	1S	75	6
40.2	102	Urban Transport	1S	75	6
41.1	120	Operational Transport Management	1S	75	6
41.2	128	Computer Office Applications	1S	75	6

		Optional			
42.1	123	Rail Traffic Safety	1S	75	6
42.2	104	Urban Transport Operation and Safety	1S	75	6
42.3	152	Commercial, Financial and Forwarding Operations	1S	75	6
		Practical Training			
43		Practical Training in Materials Processing	1W	30	1
44		Internship	4W	120	4
		State Examination			10

S- Semester

W - Week