

# "Todor Kableshkov" University of Transport

Faculty: Machinery and Construction Technologies in Transport

Programme: Transportation Civil Engineering

Degree: Bachelor

Mode of study: Part time

Duration of study: 4.0 years

No	Code	Course	Total contact hours (Hours of lectures and seminars)	ECTS credits
<i>Compulsory courses</i>				
1	811	Mathematics part I	30	7
2	1114	Physics	45	7
3	301	Engineering Geodesy	53	7
4	821	Informatics	38	6
5	721	Political Science	23	3
6	812	Mathematics part II	30	7
7	715	Foreign Language - English, German, French, Russian	45	6
8	911	Theoretical Mechanics	45	8
9	419	Engineering Geology	23	6
10	816	Mathematics part III	30	6
11	822	Descriptive Geometry	30	5
12	446	Soil Mechanics	23	5
13	912	Strength of Materials	53	7
14	702	Economics	30	4
15	445	Foundation Engineering	38	5
16	447	Building Materials	45	6
17	913	Structural Mechanics	60	6
18	309	Design and Construction of Railway Track	53	7
19	339	Design and Construction of Railway Track - make a project	0	3
20	409	Hydrology and Hydraulics	23	4
21	342	Design and Construction of Roads	53	7
22	412	Building Construction, Water Supply and Sewerage	30	4
23	338	Superstructure and Maintenance of Railway Track	53	8
24	340	Design and Construction of Roads - make a project	0	3
25	404	Reinforced Concrete and Reinforced Concrete Structures	53	8
26	341	Maintenance of Roads	30	9
27	416	Reinforced Concrete Bridges	53	8
28	305	Tunnels	45	7
29	318	Urban Planning, Traffic and Streets	23	4
30	406	Organization and Management of Construction and Construction Law	45	8
31	448	Reinforced Concrete Bridges - make a project	0	3
32	403	Steel Bridges	45	8
33	411	Steel and Wood Constructions	30	7
34	306	Stations and Station Facilities	30	8
35	337	Road and Track Geometry	30	5
36	360	Engineering Geodesy - practicum	23	3

37	449	Internship	30	2
38	719	Physical Education and Sports	0	0
<i>Elective courses</i>				
39.1	414	Ecology	23	3
39.2	424	Management of Construction Firm	23	3
40.1	1111	Electrical Engineering	23	3
40.2	1208	Chemistry	23	3
41.1	450	Building Insulations	23	5
41.2	451	Regulations in Railway Infrastructure	23	5
<i>Optional courses</i>				
42	361	Engineering Construction Drawing	23	3
43	143	Railway Transport Operation and Safety	23	3
44	452	Civil Engineering - make an internchip	15	3
45	336	Occupational Safety in Construction	23	3
46	437	Technology and Mechanization of Construction Works	23	4
47	453	Computer-aided Design Systems	23	4
48	431	Maintenance and Reconstruction of Bridges	23	4