

TODOR KABLESHKOV UNIVERSITY OF TRANSPORT

FACULTY OF MACHINERY AND CONSTRUCTION TECHNOLOGIES IN TRANSPORT

Programme: **Automotive Engineering**

Degree: **Master**

Professional Qualification: **Master of Engineering**

Mode of Study: **Full-time**

Duration of Study: **One and a half years**

№	Code	Subject	Duration	Contact Hours	ECTS Credits
1	2	3	4	5	6
		Compulsory			
1	833	Mathematical Methods in Engineering	1S	60	5
2	942	Stress and Deformation Analysis	1S	60	5
3	242	Automotive Theory and Design	1S	90	7
4	116	Computer-aided Design Systems	1S	105	8
5	212	Design, Construction, Standardization and Technology in Automotive Manufacturing	1S	60	6
6	240	Engineering Experiment: Measurement and Analysis	1S	105	8
7	205	Vehicle Dynamics	1S	75	6
8	209	Automatic Transmissions and Regenerative Devices	1S	75	6
9	164	Management and Marketing	1S	60	5
10	264	Automotive Engineering Project	1S		2
		Elective			
11.1	213	Alternative Automotive Engines and Systems	1S	60	5
11.2	214	Automotive Aerodynamics, Design and Ergonomics	1S	60	5
		Optional			
12	221	Strength and Durability of Automotive Equipment	1S	60	5
		Practical Training			
		Practical Training	2W		2
		Master Thesis	1S		30

S - Semester

W - Week