

**TODOR KABLESHKOV UNIVERSITY OF TRANSPORT**

**FACULTY OF TELECOMMUNICATIONS AND ELECTRICAL EQUIPMENT IN TRANSPORT**

Programme: **Power Engineering and Electrical Equipment**

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
		<b>Compulsory</b>			
1	1377	Engineering Research and Design	1S	75	5
2	535	Electromagnetic Compatibility	1S	75	5
3	1359	AC Propulsion Electric Drives	1S	90	6
4	1361	High Efficient Energy-saving Devices and Technologies	1S	60	6
5	1362	Transient Processes in Propulsion Electrical Circuits	1S	75	5
6	1376	Project in AC Propulsion Electric Drives	1S		3
7	1364	Information Systems in Power Engineering	1S	75	6
8	1365	Modelling and Optimization of Propulsion Power Supply Systems	1S	90	8
9	1366	High-speed Electric Transport	1S	60	4
10	1367	Reliability of Electricity Transport Systems	1S	75	6
		<b>Elective</b>			
11.1	1370	Advanced Systems for Control and Protection of Electric Drive Vehicles	1S	75	6
11.2	1371	Advanced Systems for Control and Protection of Propulsion Networks	1S	75	6
		<b>Practical Training</b>			
		Practical Training	2W	60	2
		<b>Master Thesis</b>	1S		30

S - Semester

W - Week