

"Todor Kableshkov" University of Transport

Faculty: Telecommunications and Electrical Equipment in Transport

Programme: Electric Power Engineering from Renewable Energy Sources

Degree: Master's Degree for Graduates with Bachelor's or Master's Degree

Mode of study: Full time

Duration of study: 1.5 years

No	Code	Course	Total contact hours (Hours of lectures and seminars)	ECTS credits
<i>Compulsory courses</i>				
1	1311	General Theory, Efficiency and Quality of the Energy, Produced by Renewable Energy Sources	75	6
2	535	Electromagnetic Compatibility (EMC)	75	6
3	1312	Technologies for Energy Production of Renewable Energy Resources	60	6
4	1313	Electrical Equipment	60	6
5	1314	Power Electronic Converters for Renewable Energy Resources	60	5
6	1315	European and National Legislation in the Field of Renewable Energy Resources	45	5
7	1316	Engineering Research and Design of Equipment for Renewable Energy Resources Production	75	6
8	1317	Management, Control and Protection Systems	105	6
9	1389	Safety and Ecology	45	5
10	1318	Technical Operation, Repair and Maintenance of Renewable Energy Resources	75	6
11	1319	Implementation of Renewable Energy Resources in Electric Transport	75	6
12	1320	КПЕВЕИ	0	6
<i>Elective courses</i>				
	1322	Electric Transport Propulsion	0	6
	1323	Advanced Systems for Construction of Traction Power Supply Stations	0	6
	1321	Electrical Equipment in Power Plants and Substations	0	6
<i>Optional courses</i>				