

Bachelor study in EZD specialization is conceptualized as electrical engineering study, pointed at communication, power supply and safety networks and systems at transport, communication and another branches of industry, further at electrical drives and traction at railway, road, tramway, trolley-bus transport and underground. The bachelor study in EZD specialization is finished by bachelor project with defense of the project. The graduates obtain the bachelor degree (Bc.) and may ask for a job in industrial and transport corporations at plants, maintenance, managing or inspection of electrical engineering equipment as engineers with bachelor specialization or can continue in master studies at any university, which provides study of the same or similar branches.

Master study in EZD specialization is the university study providing the complete, summary viewpoint about problems of electrical engineering networks, equipment and systems in transport systems, their mutual connection and conflicts. Students can select alternative subjects during the study course and obtain deeper specialization at some of the following fields: communication or safety equipment and systems in transport, communications and other branches of industry or the power supply of electrical railways and electrical traction.

For **master study in EZD specialization** is accepted the successful graduate of bachelor EZD study or graduate of similar study after evaluation of study compatibility and after possible passing the difference exams. This study is completed by defense of M.Sc. thesis. The graduates may ask for a job in industrial and transport corporations at plants, maintenance, managing or inspection of electrical engineering equipment as engineer with master specialization. They can also work at research and development of electrical engineering equipment or teach the specialized subjects in the high schools. They can continue in doctor studies at any university, which provides study of the same or similar branch. That can be done either immediately after finishing of master study or at any time after obtaining of some experience at practice.

For **doctor study** of transport means and infrastructure **with specialization for electrical engineering equipment**, the graduates of master studies of EZD or similar field are accepted according to the tender results, which are annually granted for selected topics of the field. The study is finished by defense of Ph.D. thesis. The graduates of the study obtain the doctor degree (Ph.D.) and their studies are intended especially for a job at research and development at electrical and electronic engineering and safety technique in transport and industry. This study is also ask for university teachers and it is a condition for science and technology international cooperation.