

Bachelor's degree program in Electrical Engineering

The Electrical Engineering degree program combines classical basis and modern trends related to various applications of electricity in all spheres of contemporary life. Graduates are well trained and provided with profound knowledge and practical skills, necessary for the operation, maintenance and construction of facilities, that are first and foremost used in Power Engineering, in the electricity distribution network, as well as in the design and production of electrical equipment.

The following core modules are delivered within the Electrical Engineering degree programme:

Theoretical Electrical Engineering, Electrical Measurements, Lighting and Installation Equipment, Electrical Power Engineering, Electrical Networks and Systems, Electric Machines, Electrical Apparatus,

CAD Systems in Electrical Engineering, Ecology and Renewable Sources of Energy, Electrical Equipment for Building Automation Systems.

Graduates are highly skilled specialists and may pursue a career in any company in the region or throughout the country. Graduates may build a successful career as design engineers, researchers and specialists in the innovation hubs. The Electrical Engineering degree programmes prepare students for a broad spectrum of professional careers ranging from technical staff dealing with operation and maintenance of electrical equipment in the power engineering facilities and electricity distribution network to lecturers and researchers at higher education institutions and secondary vocational schools, managers of commercial companies or maintenance bases.