

# Electrical Engineering and Thermal Engineering

## South Ural State University

Degree or qualification is awarded: **Postgraduate studies**

Language of study: **Russian**

Mode of study: **full-time, distance learning**

Duration: **3 years**

Availability of free education: **no**

Price: **169 500 rubles**

Programme webpage at the university website:

<https://www.susu.ru/en/education/phd-degree-programs/130601-electrical-engineering-and-thermal-engineering-electrotechnical>

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The educational programme focuses on training postgraduate students for research activities in the field of science, engineering, technology and pedagogy, covering the set of tasks within the major in "Electrotechnical Complexes and Systems":

- theoretical and experimental research, mathematical and computer modelling, design and engineering of materials, devices, appliances, installations, complexes of electrical and heat engineering equipment;
- a set of technical means, techniques and methods of human activity in the production, distribution of electrical and thermal energy, control of its flows, and the conversion of other types of energy into heat;
- design, construction, creation, assembling and operation of electrical and electronic devices; operation of modern industrial enterprises, transport systems, thermal, hydro- and nuclear power plants, factories, power transmission lines.

## Specializations within this programme

### Electrical Engineering and Thermal Engineering (Electrotechnical Complexes and Systems)

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