

# Heat Power Engineering and Heat Engineering

South Ural State University

Degree or qualification is awarded: **Bachelor's Degree**

Language of study: **Russian**

Mode of study: **full-time, part-time**

Duration: **4 years - full time, 5 years - part time years**

Availability of free education: **yes**

Price: **151 800 rubles - full time, 80 000 rubles - part time**

Programme webpage at the university website:

<https://www.susu.ru/en/education/bachelors-specialist-degree-programs/130301-thermal-power-engineering-and-heat-engineering>

Programme curator: **Osincev Konstantin Vladimirovich**

Tel.: **+73512679395**

E-mail: [osintcevk@susu.ru](mailto:osintcevk@susu.ru)

In the course of the program special attention is paid to theory and practical application of heat and mass transfer, recuperators, regenerators, systems and devices for transporting liquids and gases, heating, cooling, ventilation, air conditioning, equipment of thermal power plants, boiler units operating on all types of organic fuel, steam and gas turbines, as well as some of the applications of these systems and their features in various industrial enterprises. These systems are in high demand in ferrous and nonferrous metallurgy enterprises, mechanical engineering, chemical, oil and gas industries.

## **Specializations within this programme**

### **Industrial Heating**

### **Thermal Power Engineering and Heat Engineering (Industrial Thermal Power Engineering)**

In the course of the program special attention is paid to theory and practical application of heat and mass transfer, recuperators, regenerators, systems and devices for transporting liquids and gases, heating, cooling, ventilation, air conditioning, equipment of thermal power plants, boiler units operating on all types of organic fuel, steam and gas turbines, as well as some of the applications of these systems and their features in various industrial enterprises. These systems are in high demand in ferrous and nonferrous metallurgy enterprises, mechanical engineering, chemical, oil and gas industries.