

Heat and Power Engineering

South Ural State University

Degree or qualification is awarded: **Master's degree**

Language of study: **Russian**

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

Duration: **2 years - full time, 2,5 years - part time years**

Availability of free education: **yes**

Price: **161 600 rubles**

Programme webpage at the university website:

<https://www.susu.ru/en/education/masters-degree-programs/130401-heat-and-power-engineering-optimization-fuel-utilization>

Programme curator: **Konstantin Gorshkov**

Tel.: **+7(351)267-93-95**

E-mail: osintcevk@susu.ru / energo@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

Theory and Practice of Construction of Systems Providing Microclimate of Buildings

Heat and Power Engineering (Optimization of Fuel Utilization in Industrial Heat Power Engineering)

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Theory and practice of constructing systems of microclimate of buildings