

Industrial Heat Power Engineering

Siberian Federal University

Degree or qualification is awarded: **Bachelor**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **4 years**

Availability of free education: **no**

Price: **170 622 RUB per year**

Programme webpage at the university website:

http://edu.sfu-kras.ru/sites/edu.sfu-kras.ru/files/ooop/annotations/13.03.01.03_Annotaciya_OOP.pdf

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The purpose of the degree program is to create the educational environment which encourages forming a set of knowledge and skills in the field of industrial heat and power engineering and ability to independently perform scientific, industrial, managerial activities.

Competitive advantages for a graduate: the graduate of this program is ready to tackle the following professional tasks:

- engineering and manufacturing: abides by the technological discipline; observes the regulations concerning fuel consumption and all types of energy; uses the typical methods of controlling the operation modes of technological equipment; observed the environmental safety in production facilities;
- assembly and adjusting: participates in installation, startup and commissioning, preliminary testing, pilot development and commissioning of energy generating, thermal engineering or heat process equipment in general, as well as products, units, systems and parts separately;
- service and operation: maintains of process equipment; participates in the verification of the operational condition and remaining lifetime of the equipment, organizes preventive inspections and maintenance; prepares orders for equipment and spare parts, technical documentation for repairs; can perform tasks of one or several worker positions;
- management: participates in the organisation of work of small working teams.

Employment: The field of the professional activity of the graduates with the qualification of Bachelor of Applied Sciences includes: installation and commissioning, operation and maintenance, repair and modernization of technical means for production of heat, its application, and management of its flows and conversion of other types of energy into heat.

Place of employment for the graduates: governmental regulatory bodies in the field of energy generation, units of technical inspection and supervision, enterprises and organisations of production, transport and consumption of heat energy.

Specializations within this programme