

Thermal Power and Thermal Engineering

National Research ITMO University

Degree or qualification is awarded: **B.S. in Nuclear Energetics and Thermal Physics**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **4 years**

Availability of free education: **yes**

Price: **293 000 RUB per year**

Programme webpage at the university website:

http://en.ifmo.ru/en/department/17/Chair_of_Computer_Thermal_Physics_and_Energy_Monitoring.htm

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The area of professional activity of Bachelors and Masters includes a set of tools methods of human activity related to the identification, research and modeling of new physical phenomena and laws, with the development based on them, the creation and implementation of new technologies, including energy and resource saving devices and appliances materials for various purposes in the high technology areas of applied and engineering physics.

Specializations within this programme

Energy Efficiency and Renewable Energy

Program description

The Energy Efficiency and Renewable Energy program aims to train highly qualified specialists in the field of energy systems and equipment. The program's close collaboration with leading enterprises gives students the opportunity to do their internships in specialized companies and thus put their knowledge and skills into practice. At the program, students take part in practice-oriented, development, research, and design projects initiated by the program's industrial partners.

The disciplines included in the program allow students to fully embrace the principles of energy systems operation, energy-saving mechanisms, the ways for improving energy efficiency, as well as the challenges of implementing renewable energy.

The program offers two specializations:

Energy Efficiency and Thermal Modes of Equipment and Devices;
Renewable Energy Resources.