

Mathematical Equipment, Hardware and Software of Information System

National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)

Degree or qualification is awarded: **Bachelor degree**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **4 years**

Availability of free education: **yes**

Price: **91 000 - 110 900 rubles per semester**

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The goal of the program

A bachelor should be able to compete in programming with the world leaders in the development of advanced software for the defense and civil sectors of the industry.

The educational program is also aimed at bachelor degrees in mathematics and hardware information systems and technology, which allows one to quickly create a team capable of performing in the short term the entire cycle of information system development, starting with a mathematical model and terminating with software and hardware implementation either at the level of the best developments in the world or a higher than the world level. As a result, experts with a high qualification are provided for the defense, nuclear, and other high-tech sectors of the Russian industry.

Basic department

Information Systems and Technologies (No. 36)

The curriculum of the program includes intensive training in mathematics and programming; disciplines related to the creation of models of processes in complex information systems, and dedicated to the study of methods for creating automated systems management, information security, geographic information systems, databases, and hardware components of information systems.

Specializations within this programme

Objects of the professional activity

Information processes, technologies, systems and networks, tools of information systems, and their software, technical and organizational support, information security system software, data lines of enterprises and organizations.