09.03.01 Informatics and Computer Engineering

Protected High-performance Computer Systems

Program objective

provide fundamental training in physics, mathematics and engineering for further design and development of high-intelligence computer systems.

Curriculum features

- Operating systems and programming languages

- Information security

- Mathematical foundations of computer systems

- Fundamentals of interfaces and computer devices design

- Computer graphics and image processing

- Microprocessor devices, algorithms and systems

- Fundamentals of databases and data storage systems

- Fundamentals of robotics

- Modern challenges of informatics and computer engineering

Practical training and employment opportunities

- State Atomic Energy Corporation ROSATOM companies

- Concern Sistemprom

- Concern "Almaz – Antey"

- MCST company (Moscow Center for SPARC Technologies).