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 Sisteprom
- Concern “Almaz – Antey”
- MCST company (Moscow Center for SPARC Technologies).