Prerequisites:
• Bachelor’s degree / specialist (a copy of your diplomas from previous university studies and transcripts of completed courses and grades)
• results of the entrance test
• a motivation letter and letters of recommendation may also be required

Qualification: Master’s degree in Applied Computer Science

Skills/ objectives:
• Development and adaptation of business processes according to the capabilities of Information Systems
• Solving problems in the field of data mining and artificial intelligence
• Development of classical algorithms for controlling physical objects by means of computer systems
• Development of the corporate information systems in architecture of the enterprise and classification of its components
• Solving problems in the field of cyber-physical systems
• Layer of protection analysis (LOPA) for the corporate information system and decision-making connected with the enterprise informatization in conditions of uncertainty

The Master’s program is aimed at training specialists for high-tech businesses that use industrial Internet technologies, Big Data processing, virtual and augmented reality. Students will have the opportunity to study the specifics of the Internet of Things (IoT), virtual reality, artificial intelligence and cloud computing. Also in the course of training, students will learn how to help businesses implement new services and increase profitability, how to manage development, understand e-commerce and influence the effectiveness of online trading. The program uses e-learning and distance learning technologies in a number of disciplines.

Program length: 2 years
Starting date: September, 1st
Language of instruction: Russian
Tuition fee per year: 181,856 rubles (~2 414 USD)
Program Leaders: Prof. Alena STUPINA

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THE TECHNOLOGIES OF THE DIGITAL ECONOMY

CURRICULUM

- Foreign language of business and professional communication
- Information management
- Digital analysis in the digital economy
- Design and digitization of business processes
- Digital communication strategies and tools
- Smartsheet and managing dashboards
- Strategic analysis of online activities
- Technologies and platforms for e-business
- Organizational behavior in the digital economy
- Contemporary logistic
- Applied system analysis
- Information security
- Project management of Smart-city

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