Master's Degree Program

BUSINESS PROCESS REENGINEERING

The Master's program is designed to train highly qualified specialists in the field of applied informatics for the development, implementation and adaptation of industry-specific information systems in the digital economy and the formation of Russian and global digital markets. Scientific design in the field of business process reengineering is aimed at developing students’ research skills within the framework of an individual research project in the field of applied computer science. In the course of training, students have the opportunity to work in the Scientific and Educational Laboratory «Digital platforms for production and enterprise management».

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:

- Research of applied and information processes, use and development of formalization and algorithmization methods for information processes
- Research of perspective directions in applied informatics, analysis and development of methods in information resources management
- Organization and management of information processing
- Organization and management of enterprise informatization projects
- Management information systems and services
- Personnel management of information systems
- Organization of work for maintenance and operation of applied IS

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

Contacts:

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Master's Degree Program

BUSINESS PROCESS REENGINEERING

CURRICULUM

- Methodology of science and technology
- Mathematical models and methods
- Foreign language of business and professional communication
- Information Society and problems of applied informatics
- Methodology and technology of information systems design
- Information management
- The methodology of reengineering
- Business modeling methods and tools
- IT-infrastructure of the enterprise
- Simulation modeling of business processes
- Data Mining
- Business process optimization
- Business Process Reengineering
- Applied System Analysis

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