

BUSINESS CARD
MAIN PROFESSIONAL EDUCATIONAL PROGRAM
HIGHER EDUCATION - BACHELOR'S PROGRAMS
FIELD OF STUDY: 09.03.01 INFORMATICS AND COMPUTER TECHNOLOGY
PROFILE: INTELLIGENT INFORMATION PROCESSING SYSTEMS
ENROLLMENT OF 2022

LEADERS
BASIC PROFESSIONAL EDUCATIONAL PROGRAM - BACHELOR LEVEL



**Kislitsyn Evgeny
Vitalievich**

Position: Head of the Department of Information Technologies and Statistics

Academic degree: Candidate of Economic Sciences

E-mail: kev@usue.ru



**Vinogradova
Ekaterina Yurievna**

Position: Professor of the Department of Information Technologies and Statistics, Head of the Department of Information Systems and Services

Academic degree: Doctor of Economics

Academic title: Associate Professor
E-mail: katerina@usue.ru



**Sazanova Larisa
Anatolievna**

Position: Associate Professor of the Department of Information Technology and statistics

Academic degree: Candidate of Physical and Mathematical Sciences

Academic title: Associate Professor
E-mail: sazanovalarisa@rambler.ru

PROFILE CHARACTERISTIC

The profile "Intelligent information processing systems" is focused on training highly qualified specialists in the design and development of software for intelligent and information-analytical systems, big data analysis.

PROGRAM ADVANTAGES

- competitiveness of graduates who have knowledge, skills and abilities that allow them to carry out work on the design and development of software for intelligent and information-analytical systems using modern tools and programming languages;
- internship in large manufacturing companies, financial institutions, IT companies;
- teachers with extensive practical experience, using innovative technologies in teaching and analysis of practical materials and situations;
- the opportunity to continue their studies in the magistracy in the direction of "Applied Informatics".

COMPETENCES OF THE GRADUATE

As a result of mastering the program, the graduate receives the following professional competencies:

- Soft Skills: competencies in systems analysis, economics and IT law, business communications, self-management and social interaction, business planning of IT infrastructure.
- Hard Skills: basic knowledge, skills and abilities in the field of information systems, technology, programming (Python, C #), databases (SQL), algorithms and data structures, computing systems, networks and telecommunications, operating systems, statistics and mathematical research methods, systems modeling, computer graphics, information security.
- Software development for information processing systems: advanced level of competence in object-oriented development (Java), software project management (Agile), software architecture design (UML), distributed databases and data warehouses, cloud computing, interface design.
- Intelligent systems: advanced level of competence in the field of algorithms for data mining, optimization and machine learning, design of intelligent and information-analytical systems, business intelligence systems.

AREA OF PROFESSIONAL ACTIVITY

Our graduates work in IT companies, as well as in the IT departments of industrial companies, financial institutions, analytical departments of banks, industrial and trade organizations. Future professions of graduates:

- Programmer;
- Data analyst;
- Developer of intelligent systems;

- Machine learning specialist;
- Data management specialist.

STRATEGIC PARTNERS

- CJSC PF SKB-Kontur
- PJSC "Sberbank"
- Central Bank of Russia
- UBRD
- Sima-Land

FORMS OF INTERACTION

Passage of industrial practice, involvement of employees in teaching, internships.