

**VISIT CARD**  
**main professional educational program**  
**Higher Education - Master's Program**  
**Preparation Direction: 09.04.03 Applied Informatics**  
**Profile: Corporate Information Systems**  
**APPLICATION 2022**

**HEAD OF THE DIRECTION**  
**THE PROFESSIONAL EDUCATIONAL PROGRAM MASTER'S LEVEL**



**Kislitsyn Evgeny  
Vitalyevich**

**Position:** Head of the Department of Information Technologies and Statistics

**Academic degree:** candidate of Economic Sciences

**Scientific title:** Docent

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**Surnina Nadezhda  
Matveyevna**

**Position:** Professor of the Department of Information Technologies and Statistics

**Academic degree:** Doctor of Economic Sciences

**Scientific title:** Professor

**E-mail:** [decane@usue.ru](mailto:decane@usue.ru)



**Vladimir Vasilyevich  
Pleshev**

**Position:** Professor of the Department of Information Technologies and Statistics

**Academic degree:** Doctor of Pedagogical Sciences, Candidate of Technical Sciences

**Scientific title:** Professor

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**PROFILE CHARACTERISTICS** The purpose of the program is to prepare qualified architects of information systems, system analysts and analysts of business processes specializing in modeling economic processes, creating and maintaining corporate information systems and software for solving economic problems. The main activities of the program graduates is:

1. Organization and management of information systems, resources and business processes in enterprises;
2. Design and development of digital solutions for enterprises;
3. Scientific research of modern information systems and system analysis.

**ADVANTAGES OF THE PROGRAM** 1. Individual trajectory of training: Within the framework of the proposed master's program, students can choose an individual trajectory of training in working on coursework and graduation work. For two years of training, undergraduates are preparing coursework in the field of system analysis, designing business processes and corporate information systems. 2. Practicity: 80% of audit classes are conducted in specialized laboratories equipped with modern hardware and software necessary for the successful development of the master's program. In addition, over the entire period of training, undergraduates are four types of educational and production practices.

3. It is especially worth noting the uniqueness of the master's program - its interdisciplinary and systemicity. In the process of learning, undergraduates receive professional competencies not only in the field of digital decisions, but also to manage modern business models. For this, highly qualified professors and associate professors of the Department of Information Technologies and Statistics, as well as Professors of the Professor of Economic Department and leading experts in the field of information technology are involved in teaching.

**COMPETENCE OF A GRADUATE** As part of the development of modern digital solutions, undergraduates are studying the architecture of information systems, process and project management IT, system and business analysis, gain skills to work with modern corporate information systems SAP S / 4 HANA and IC: Enterprise, business modeling in Business Studio. Also, listeners are mastering a powerful analytical toolkit: AnyLogic simulation medium, Loginom analytical platforms, PowerBi, statistical programming language R, elements of game theory and mathematical modeling. In addition, in the framework of the master's program, advanced artificial intelligence technologies, machine learning, software development using Java, Python and Web technology languages are being studied. Together with IT competencies, undergraduates are mastering the economy and management of modern business models, finance, personnel, strategic and marketing analysis, as well as elements of business communications..

**AREA OF PROFESSIONAL ACTIVITY** Our graduates work in IT companies, as well as in IT departments of industrial companies, financial and credit institutions, in analytical divisions of banks, industrial and trade organizations. Future graduates' professions:

- Head of IT projects and IT divisions;
- Systems Analyst;
- architect information systems;
- business processes analyst;
- Software Development Manager.

**STRATEGIC PARTNERS**

- CJSC "PF" SKB-contour "

**FORMS OF INTERACTION**

Passage of production practices, attracting employees to teaching,

- IC.
- PJSC Sberbank
- Sim Land
- Central Bank of Russia
- SAP.

passage of internships.