Information Systems and Technologies (Master)

Saint Petersburg Electrotechnical University "LETI"

Degree or qualification is awarded: **Master**

Language of study: **Russian**
Mode of study: **full-time**
Duration: **2 years**
Availability of free education: **yes**
Price: **208 000 rubles per year**

Programme webpage at the university website:
https://etu.ru/en/study/masters-degree/information-systems-and-technologies

Programme curator: **Maria Titarenko**
Tel.: **+7 812 234-35-53**
E-mail: mytitarenko@etu.ru

Master's programs

The 09.04.02 Information Systems and Technologies direction provides such programs as:

- Output and IT Projects Control (Department of Automation and Control Processes);
- Distributed Computing Complexes in Real-time Systems (Branch Department of Information Systems).

Key points

IT management, being a highly professional area, requires both technical and management skills.

Our program includes:

- Systems engineering;
- Information systems’ objects and processes modelling;
- GIS;
- Digital analysis;
- Software development method, etc.

The acquired skills cover the areas of:

- Logistics;

- Economics;
- Military and space tech;
- Medicine;
- Crisis response;
- Scientific research;
- Technological processes control, etc.

Our graduates work in the fields of:

- Research;
- DSS & Software development, modification and realization;
- System integration and complexing, etc.

Graduates are able to solve the problems of analyzing and synthesizing distributed information systems for real time and decision support systems for difficultly formalized tasks, building models of objects and processes, data mining, digital processing of multidimensional data, selection of platforms and tools for the implementation of distributed information systems and decision support systems.

Specializations within this programme

Your future career

Program graduates are able to:

- Solve problems related to data analysis, the extraction of new patterns and knowledge, the development and selection of methods and algorithmic models for solving complex problems in various subject areas;
- Use modern computer technologies;
- Provide administration of information systems and networks, including the Internet;
- Apply object-oriented, visual, parallel, functional and logical programming for the construction of software systems and complexes;
- Develop software for the Internet;
- Work with modern hardware platforms.

Graduates of the program are demanded both by large state enterprises, small and medium-sized companies, as well as international companies.Graduates are in demand due to the fact that they possess a unique combination of knowledge of software, hardware, as well as tools and software packages for design and modeling. Graduates of the program are engaged in design of various software and hardware systems on the perspective elemental base, starting from fundamental search research and ending with design, production support and maintenance of specific hardware.