System Analysis and Control (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/system-analysis-and-control

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Modern enterprise needs specialists who can conduct ergonomic research, expertise, professional selection and psychological trainings, analysis of errors and working conditions; formulate ergonomic requirements and create modern complex systems, information technologies, software, etc. Master program "Computer Systems Engineering and Informatics" is aimed at training specialists in this area. Key points

In the world market, the competitiveness of information systems and technologies, software, equipment, devices, household appliances and various types of services is determined by the possibility of their effective and comfortable use.Upgrading the effectiveness, reliability and quality of how the systems, devices, technology and production functions through all possible human attributes to reduce the chance of human mistake.The increasing role of information technology and human factor in management entails a sharp increase in the price of errors - more than 90% of all major accidents in aviation, maritime transport, energy, etc. occur due to the fault of a person interacting with modern automated complexes and information technologies. It is wiser to foresee and prevent this kind of incidents in advance than to deal with their consequences.

Master's programs

The following programs in Computer Systems Engineering and Informatics (27.04.03) are available:

- Human Factors in Information Systems (Department of Information Systems).

- Training facilities

- Plenty of workstations;

- Licensed software;

- Methodological support that is constantly being advanced.

Specializations within this programme

Ergonomics

In the process of training in this direction student gains skills of research, assessment, design, development and examination of difficult systems and software products, normative documents, ensuring quality, efficiency and safety of human-machine complexes and person-focused technologies of different function.