

Area of study **27.03.03**
Systems Analysis and Management

Degree: *bachelor*

Duration of training: *4 years*

Form of training: *intramural*

Language of instruction: *Russian*

Accreditation: *state*

Program description:

We offer training in engineering and information technology;

Experience of analysis and comprehensive research of complex technical systems and facilities, which are characterized by absence of an immediate ready-made solution;

Mastering the skills of developing information and technical management and decision-making systems in the field of Web- and IT-technologies, process automation, project management, robotics, information protection, etc.

Basic courses:

Mathematical Modelling; Object-Oriented Programming; Decision Theory.

Special courses:

Theory of Systems and System Analysis; Theory of Automatic Control; Design of Information Systems; Modern and Smart Methods of Analysis and Synthesis of Systems.

Research areas:

robotics, synergetics, logistics, neural networks, systems of secure information transmission, control of the electric drives, power systems, aircraft and other mobile objects.

Graduates of the program work as system analysts, programmers, engineers, researchers in companies in the field of IT-technologies, energetics, aviation and mechanical engineering; design bureaus and research institutes.

Contacts of the program director:

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