

# Information Security of Automated Systems

University of Tyumen

Degree or qualification is awarded: **Specialist in the major "Information Security"**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **5 years**

Availability of free education: **yes**

Price: **199 377 RUB per year**

Programme webpage at the university website:

<https://www.utmn.ru/en/study-with-us/degree-programs/undergraduate/484668/>

Programme curator: **Aleksandr Zakharov**

Tel.: **+73452297637**

E-mail: [a.a.zakharov@utmn.ru](mailto:a.a.zakharov@utmn.ru)

The program is aimed to prepare professionals with profound theoretical knowledge in the field of information technology (technical protection of information, software development, network and server administration, development and management of information systems) and institutional and legal frameworks, methods and technologies to protect confidential information.

The curriculum for this major in addition to courses on IT requires advanced training in technical methods of information protection (protection against network attacks, surveillance, detection, and set bookmarks, etc.).

## Specializations within this programme

### Distributed information systems security provision

- **Distributed information systems security provision**

Core competencies:

-the ability to perform risk analysis in distributed information systems;

-The ability to remotely administrate operating systems and database systems in distributed information systems;

-the ability to use modern media and technologies, developing software in distributed information systems considering the information security requirements;

the ability to use cryptographic protocols for the transmission and the storage of data in distributed information systems.