

# Mathematical Methods of Information Security

Far Eastern Federal University

Degree or qualification is awarded: **Specialist Degree**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **5 years**

Availability of free education: **no**

Price: **210 000 rub**

Programme curator: **Artem V. Grachev**

Tel.: **(+7(423)2652424 (ext. 2206)**

E-mail: [interadmission@dvfu.ru](mailto:interadmission@dvfu.ru)

During the training program, students receive knowledge and skills, including:

- identification of information security threats and building an effective protection system, understanding of modern algorithms for encryption, decryption, as well as other areas of cryptography;
- security analysis of information systems, as well as design and implementation of secure information systems;
- application development using modern programming languages and databases;
- application security analysis, risk management, information security incident investigation.

The main objective of the program is to produce specialists trained in accordance with international information security standards, who have the skills to work with advanced information security tools.

After receiving the diploma graduates can apply for positions such as:

- Crypto analyst/developer;
- The developer of information security systems;
- Virus analyst;
- Information security specialist.

## **Specializations within this programme**