

Information Security for Financial and Economic Structures

National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)

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

Language of study: **Russian**

Mode of study: **full-time**

Duration: **5 years**

Availability of free education: **no**

Price: **129 000**

Programme webpage at the university website:

https://eng.mephi.ru/content/public/uploads/files/Program/specialist/iftes/10.05.04_information_security_for_financial_and_economic_structures.pdf

Programme curator: **Pavel Leonov**

Tel.:

E-mail:

10.05.04 Analysis and Information Security Systems

Information Security for Financial and Economic Structures

Department: Financial Monitoring (75)

Key competences

- a comprehensive analysis of financial and economic structures
- identification, classification and subsequent analysis of objects and signs of preparation and / or commission of financial and economic crimes
- automated technologies for big data processing in finance and economics
- combating money laundering (legalization) of criminal proceeds and financing of terrorism

Curriculum peculiarities

- fundamental training in physics, mathematics and engineering
- legal aspects of financial activities (fundamentals of economics and law, financial law, banking law)
- international system for combating money laundering and financing of terrorism
- national system for combating money laundering and financing of terrorism
- fundamentals of financial investigation • analysis of typologies of financial fraud
- combating terrorism financing
- study and application of modern software products (IBM, Oracle package, Data Mining, etc.)
- in-depth linguistic training

Practical training and professional opportunities

- national institutions for financial monitoring and its regional subdivisions
- national executive bodies (finance, economics) and law enforcement agencies
- credit and non-credit institutions (insurance, leasing, real estate, factoring, jewelry, gambling, etc.)
- IT-companies (FORS, Technoserv, CROC).

Specializations within this programme