## 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).