Academic Year 2020/2021

1st LEVEL CRIME ANALYSIS COURSE

The course is organized into 3 modules:

1. **Information module on "Databanks"**
   organized by the Interagency Information Service at the Criminal Police
   Central Directorate.

2. **Crime Operational Analysis:**
   - Information process module;
   - Relational analysis module.

   Seminars on the following topics:
   - Information gathered during investigations specifically ruled by the legislator;
   - The analysis of the structures hidden in the criminal organizations' information systems.

3. **Criminal economy and economic intelligence**
   - Criminal economy module;
   - Fight against criminal economy module.

   Seminar on the topic:
   - Economic intelligence support: databanks.

LIST OF SUBJECTS

Subject:
CRIME OPERATIONAL ANALYSIS

The information procedure

- Introduction to operational analysis.
- The meaning of analysis, data and information in the operational analysis.
- The information procedure. Steps, information dissemination and analysis as a stakeholder.
- The decision-making context.
- The info-operational research.
- The sources: classification, vulnerability, opportunity. The evaluation of data and the analysis of the metadata.
- Analytical processing: methods and techniques.
- Dissemination and communications. The inference as a pivot of the analytical decision-making process.
- The actor analysis: structure, capacity, purpose.
- Targeting and info-operational and analytical models.

In-depth-seminars:
- Information gathered during investigations specifically ruled by the legislator;
- Hints about criminological science.

The relational   analysis
- Patterns of spreading of illegal behaviours in criminal organizations.
- The subject of the analysis: criminal networks.
- Modelling of criminal networks.
- Tools and techniques of modelling.
- Modelling with Link Analysis.
- Collection and visual representation of data with Link Analysis.
- Modelling of criminal organizations with Social Network Analysis.
- Collection and visual representation of data with Social Network Analysis.
- The Social Network Analysis as a tool to conduct online and offline analysis.
- Hints about the use of SNA in social media (Facebook, Twitter, etc.).
- Modelling of a social media with the SNA tools.

- The analysis of criminal groups with Link Analysis and Social Network Analysis.
- The pivots of relational analysis in Social Network Analysis: actor, structure, context.
- Developing processes of criminal networks.
- The profiling of criminal actor: features and attitude.
- Threat Analysis related to the structure and the actor.
- The level of the threat posed by the actor on the network.
- The level of the threat posed by the criminal network on the context.
- Communication systems of criminal organizations: tools of communication (phone, internet, social media).
- Investigation activity: detection of hidden links in criminal organizations as well as in the communications systems
- The leadership's levels in criminal organizations according to the Social Network Analysis.
- Resiliency and vulnerability of the actor and of the structure.
- The dismantling of criminal networks, effects on the context.
- The dynamic analysis of criminal organizations.
- Enforcement of legislation (criminal laws and/or prevention measures).
- The software for the analysis: Ucinet, Netdraw, Analyst's Notebook, integration processes.

In-depth seminars:
- Information gathered during investigations specifically ruled by the legislator;
- The analysis of hidden structures in criminal organizations' information systems.

Subject:
CRIMINAL ECONOMY AND ECONOMIC INTELLIGENCE

Criminal Economy

- Globalization and interconnections between markets of goods and services, foreign direct investments and financial markets.
- Criminal economy in the international, European and Italian contexts: dimension, investigation methods and costs for the companies.
- Geofinance and the new cyber wars: operational aspects and economic intelligence.
- Multilevel information and autonomy in the intelligence investigations.
- The fight against illegal activities; a case-study, the analysis of the areas exposed to the threat posed by crime and corruption.

The fight against criminal economy

- The concept of security.
- Infiltration of criminal groups into economic and financial sectors.
- Money laundering and self-laundering: peculiarities and set of rules.
- Evolution of the anti- money laundering system.
- The investigation tools used to counter money laundering and case-studies.
- Statistic and territorial analyses: overview of the economic and financial sectors.
- Investigation analysis: tools and methodologies.
- Operational and analysis techniques: decision support system and data warehousing.

In–depth seminars:

- Economic intelligence support: databanks.