



## Cryptocurrency Training- Residential Courses

### Organized by the Cybercrime and Anti-Money-laundering Section

Vienna International Centre, Vienna, Austria

#### Background

Technology-based innovations are radically changing the nature of transactions and Blockchain now enables semi-anonymised and decentralised transfer of value. The Bitcoin was created over 10 years ago, and now it is a part of global economy with over \$270 billion market capitalization. Cryptocurrencies are fast, cheap and almost anonymous. So criminal groups and terrorists use them to move funds, launder crime proceeds and receive payments for illegal goods like weapons, drugs, cyber exploit kits, sexual abuse material, stolen data and more. In 2018 alone, drugs were purchased in cryptocurrencies for a total of 600 million USD and individuals and companies lost around 1 billion USD worth in hacking of cryptocurrency exchanges<sup>1</sup>.

UNODC Cybercrime and Anti-Money Laundering Section (UNODC CMLS) has developed a unique Cryptocurrency training, which aims to give national agencies the skills to respond to these new challenges. Since 2016, this course has been delivered in all parts of the world, to more than 800 participants from a wide range of competent authorities.

To better respond to the urgent need for training in this area expressed by Member States, UNODC CMLS has developed a course format that offers more flexibility and allows a larger number of Member States to receive this technical training. UNODC CMLS will offer residential courses opened to participants from any competent authorities worldwide. Three initial training courses will be delivered in Vienna (Vienna International Centre) in fall 2019 but this course can also be organized by UNODC CMLS in the Member State' location.

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<sup>1</sup> <https://blog.chainalysis.com/2019-cryptocrime-review>

### **Why the Cryptocurrency Training?**

Cryptocurrencies are a part of the new reality. And they are already used by criminals to sell drugs, by corrupted officials to hide their profits, by fraudsters to steal money from the investors. So you need to know how it operates and be able to mitigate the risks, to regulate the cryptocurrencies in your country, to investigate crimes with cryptocurrencies. The UNODC training course will provide you with the necessary knowledge and build your skills

### **Why UNODC?**

It is our core business – building capacities. We take the knowledge from the best experts in the world and make the training course. Not every expert is a good trainer. Not every trainer has enough practical experience. We know how to combine this. And we are very good in what we do, we are doing this for a very long time (GPML is doing AML/CFT trainings since 1997, and we have started Cryptocurrencies in 2016)



### **Do I need to be a hacker or a math PhD to take this course?**

Absolutely not. You need just to be good at your job (e.g. drug investigations), be open-minded, and use your common sense.

To drive a car you need to know how to steer and push the pedals, not the physics of the internal combustion engine. Same with cryptocurrencies – you will learn how to use it, regulate it, trace it, seize it. Without getting deep into the cryptography and computer science – leave it to the experts.

But you will know – what you should ask from your experts.

Of course, you will use your smartphone and browse the Internet.

### What I will be able to do?

The Course has 4 Modules: Cryptocurrency Basics, Tracing, Seizure and Regulation.

After completing these Modules you will be able to:

Module	Skills/Knowledge
Cryptocurrency Basics	<ul style="list-style-type: none"> <li>- How the cryptocurrencies work</li> <li>- Addresses and private keys</li> <li>- Participants of the cryptocurrency economy and their roles</li> </ul>
Tracing	<ul style="list-style-type: none"> <li>- Assess the ML/TF/crime risks of cryptoassets</li> <li>- Trace the origins of cryptocurrencies</li> <li>- Find the stolen cryptoassets</li> <li>- Identify the real-world assets and humans linked to the criminal cryptoassets</li> <li>- Find the leads for further investigations and intelligence collection</li> <li>- Calculate the income and estimate the value of cryptoassets</li> <li>- Find information and do the International Cooperation</li> </ul>
Seizure	<ul style="list-style-type: none"> <li>- Cryptocurrency wallets and other artifacts</li> <li>- Prepare the seizure</li> <li>- Seize and confiscate cryptoassets</li> <li>- Protect the confiscated cryptoassets</li> </ul>
Regulation	<ul style="list-style-type: none"> <li>- Major risks associated with the cryptocurrencies</li> <li>- Categories of cryptocurrency service providers, what they do</li> <li>- Existing international standards for regulation</li> <li>- Available options to regulate cryptocurrencies</li> <li>- What is necessary</li> <li>- What is feasible</li> <li>- What is unrealistic</li> </ul>



### Who should take the Training?

Who am I	Basics	Tracing	Seizure	Regulation
<ul style="list-style-type: none"> <li>- Financial Intelligence Unit (FIU) Officer</li> <li>- Intelligence Officer</li> <li>- Law Enforcement Analyst</li> <li>- Financial Investigator</li> <li>- AML/CFT Compliance Officer in Bank, Financial Company, Crypto-Exchange</li> <li>- Tax Officer</li> <li>- Anti-Corruption Investigator</li> </ul>	++	++	+	++
<ul style="list-style-type: none"> <li>- Drug Enforcement Officer</li> <li>- Police Officer</li> <li>- Prosecutor</li> <li>- Asset Recovery Specialist</li> <li>- Customs/Border Guard Officer</li> </ul>	++	+	++	+
<ul style="list-style-type: none"> <li>- Policy maker</li> <li>- AML/CFT Supervisor</li> <li>- Central Bank, Financial Markets/Securities Authority</li> <li>- International Organization</li> <li>- Ministry of Economy/Finance</li> <li>- Development Agency</li> </ul>	++	+	+	++

++ Critical + Important

The training contents is sensitive and we will do the usual due diligence of the participants before the training

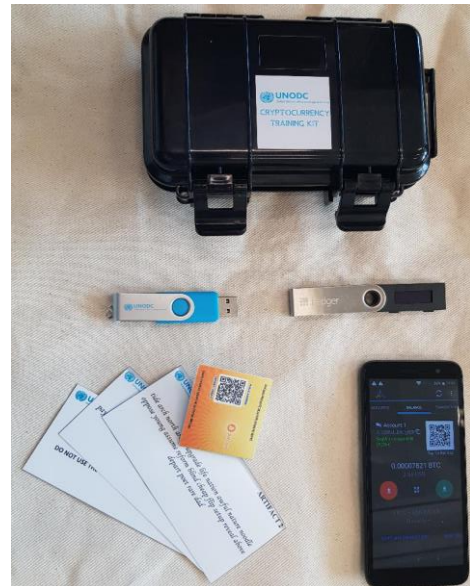
### How the Training goes?

You will get a minimum of theory, most of the training will be practical exercises. We will provide computers and the Internet connection. You will work in small groups to find solution to the complex cases and exchange ideas. You will have access to the professional tracing software for cryptocurrencies. You will also do several exercises on your own after the classes during the training.

The training will be done in “full contact” – you will work with the real cryptoassets, surf the real Darknet markets, transfer real money, investigate real cases and compete in real time to seize cryptoassets.

### The Training Kit

You will receive a Training Kit to use during the course and will keep it for your further work with the cryptocurrencies.



### When and where?

Now we have three courses in Fall 2019 to take place in UN Office in Vienna, Austria:

**22-24 October (English)**

**4-6 November (German)**

**19-21 November (English)**

On request, we can organize courses in other languages and in your country.

### Logistics

The price for these courses will be of 770 USD per participant per day. This includes venue, access to the Vienna International Centre, use of relevant equipment (computers), trainers' fees, training materials, etc. Each participant will receive a training kit.

The training price can be covered in two ways:

- The existing UNODC global/regional/country program may have dedicated funding and can cover the costs for several participants – contact the relevant UNODC office
- The interested entity can pay for its participants or can find the donor organization that can cover the costs

The training cost **does not** include travel associated costs, accommodation, meals, insurance etc.

Kindly note that payment processing time is 2-3 working days after amounts are deposited to the UNODC account.

### How to apply?

**Registration and enquiries should be made via email:** [unodc-cryptocurrency@un.org](mailto:unodc-cryptocurrency@un.org)