BLOCKCHAIN TECHNOLOGY

The purpose of the program – to train specialists capable of understanding, applying and developing solutions based on blockchain technology, covering a wide range of its applications and operating principles.

Graduates of the course receive a state-issued certificate of advanced training in the field of digital development and information technology issues.

Target audience:
- IT specialists: software developers, information systems architects, cybersecurity specialists, big data specialists and data analysts;
- financiers and economists: bankers, investment analysts, financial consultants, accountants and auditors;
- entrepreneurs and managers,
- lawyers and consultants,
- civil servants,
- anyone interested in digital technologies;

The form of study is full-time (daytime).
The cost of training – 1700 BYN.

Training is conducted at the address: Minsk, K. Zetkin St., 24, 11th floor, in accordance with the schedule of the educational process.

The duration of the program is 65 academic hours.

Course curriculum

Item No.	Course Topic Titles
	Blockchain Basics
1.	Introduction to the course
2.	Blockchain definitions, basic concepts and principles of operation
3.	Legal nature of tokens
4.	History of technology development and the emergence of blockchain
5.	Trends and Application Trends of Blockchain
	Special government regulation
6.	Regulation of the blockchain sphere
7.	Regulation of the cryptosphere
8.	Special regime of the Hi-Tech Park
9.	Combating the illegal circulation of digital assets
10	Practical approach to the specifics of regulation of the sphere
11	Legal component of smart contracts and regulatory features
12	Financial accounting of cryptocurrency transactions
	Public blockchains
13	Characteristics of public blockchains
14	Cryptocurrencies. Bitcoin and Ethereum as implementations of blockchain technology
15	WEB 3.0: New Generation of Internet and Distributed Ledger Technologies
16	NFT: technology, legal aspects and areas of application
	Enterprise Blockchain Networks
17	Features of closed blockchain networks
18	Purpose and scope of application of private blockchains
19	Common platforms and technologies

	Blockchain and Finance	
20	Tokenization of real-world objects, areas of application, global trends, practical cases	
21	DeFi projects	
22	Connection with the "traditional" financial sphere	
23	Key features of the crypto platform operator's work with non-resident clients	
24	Blockchain in international financial relations	
	Traceability of goods	
25	Product traceability technology	
26	Solving Product Tracking Problems with Blockchain Technology	
	Smart contracts	
27	Smart Contract Technology	
28	Smart contracts in wide application	
29	Smart contracts at the state level	
	Central bank digital currencies	
30	Digital ruble of the Republic of Belarus	
31	Digital Ruble Ecosystem	
32	Digital ruble in foreign transactions	
33	Types of digital currencies and models of operation	
34	Characteristics of digital currencies and differences from cash and non-cash money	
35	Cross-border payments and cross-chain bridges	
	Information Security in Blockchain Systems	
36	General approaches to information security	
37	Cryptographic protection	
	Practice: implementing blockchain technology into Government services and processes	
38	Completing a practical task	