

# Postgraduate Certificate Cryptoeconomics



## Postgraduate Certificate Cryptoeconomics

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/pk/information-technology/postgraduate-certificate/cryptoeconomics](http://www.techtitute.com/pk/information-technology/postgraduate-certificate/cryptoeconomics)

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# 01

# Introduction

Within the Cryptoeconomics, it is sought that any transaction is carried out quickly and safely. This is where the value of Blockchain comes in, a complex and advanced chain system. For its correct preparation, very competent computer professionals are needed with specific knowledge in the field of Wallets and their different types. That is why TECH has created this 100% online program with a specific syllabus on Cryptoeconomics, which covers issues such as cash flows within the Blockchain and even quantum computing for the possible future that this sector holds. All this so that those who want to become benchmarks in this branch do so in an adaptable and progressive way, thanks to the .Relearning methodology



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*Learn about Blockchain systems, how they are composed and within what formulas they are developed, and become a computer scientist with knowledge in the sector of tomorrow”*

The concept of money as such has changed greatly in recent years. Today, and after the pandemic era, where the use of cash became almost a memory, the use of other methods of economic transactions is becoming more and more normal. Cryptocurrencies are here to stay, and despite the volatility in the values of many of them, the decentralized and secure system that Blockchain allows, makes the Cryptoeconomy have a fascinating future, fostering the emergence of new business models, trends investment and in general a digital economic structure unimaginable 20 years ago.

Given the growth of this sector, as well as the number of actors that are part of it, the level of professionalization within this branch has increased. In the field of Information Technology, this is more noticeable, since they are in charge of the creation and configuration of this entire digital system. For this reason, and seeking to offer a complete program for those who want to train at the highest level, TECH has created a program in which IT professionals will be able to acquire all the knowledge about digital identity and DeFi, banks, loans and related interests. with the use of cryptos and in general the parts that make up the current and future Cryptoeconomy.

All this effectively with self-assessment tests, various audiovisual content, practical and theoretical material and flexibility in terms of schedules and access. Added to this, thanks to TECH's 100% online methodology, those enrolled will be able to adapt the studies to their pace of professional and personal life. Therefore, this is a unique opportunity for all those who want to focus their professional practice towards new horizons in the field of cryptocurrencies.

This **Postgraduate Certificate in Cryptoeconomics** contains the most complete and up-to-date program on the market. The most important features include:

- ◆ The development of case studies presented by digital business and IT experts
- ◆ The graphic, schematic, and practical contents with which they are created, provide practical information on the disciplines that are essential for professional practice
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions for the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



*Become a computer science professional positioned at the top of the Cryptoeconomics with only 150 hours of specialization"*

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*Learn the keys to Web3 and the future that holds for most professional sectors in terms of payments and economic transactions”*

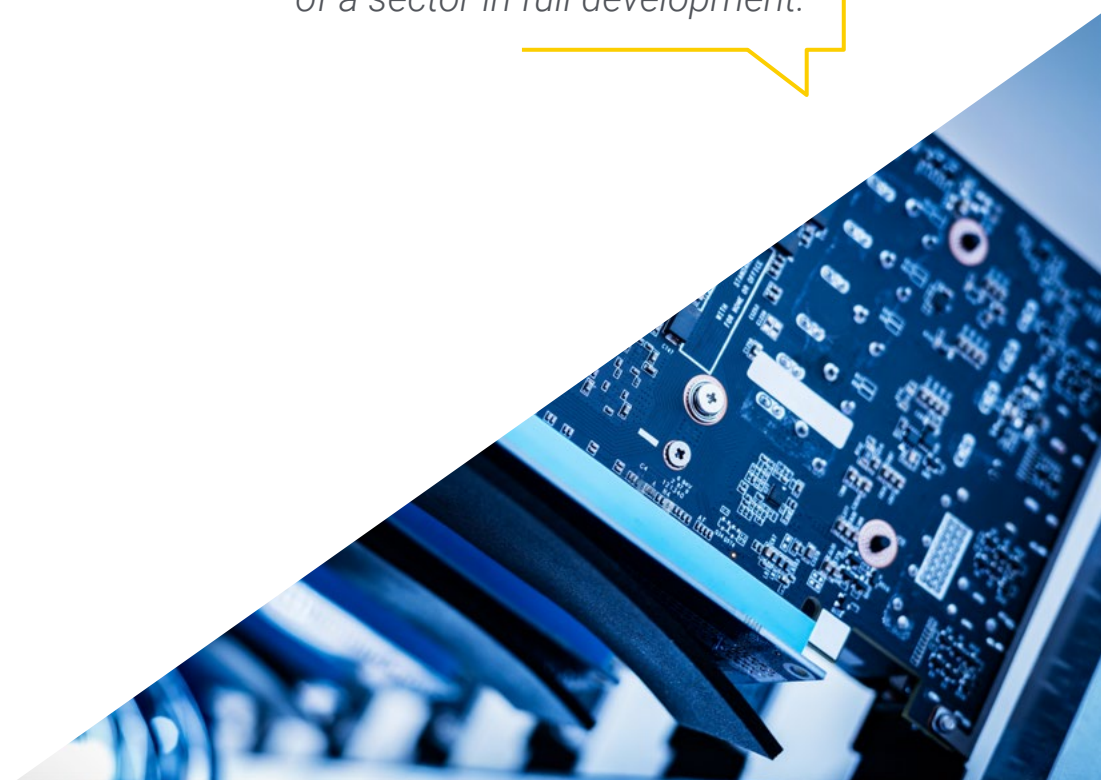
*You will learn the keys to the new banking and how it is gradually replacing the traditional one.*

*Enroll now to acquire the knowledge of Big Data and Blockchain that will allow you to position yourself at the forefront of a sector in full development.*

The program's teaching staff includes professionals from sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive education designed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve different professional practice situations that are presented throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.



# 02

# Objectives

The expansion of the Cryptoeconomics sector, together with the sophistication of the knowledge necessary for professional practice in it, has led TECH to develop this program. With this degree, it is sought that registered computer scientists can acquire the necessary knowledge to be up-to-date in a sector in continuous development and change, in order to be able to form specialized profiles that can carry out a praxis as efficient as possible.





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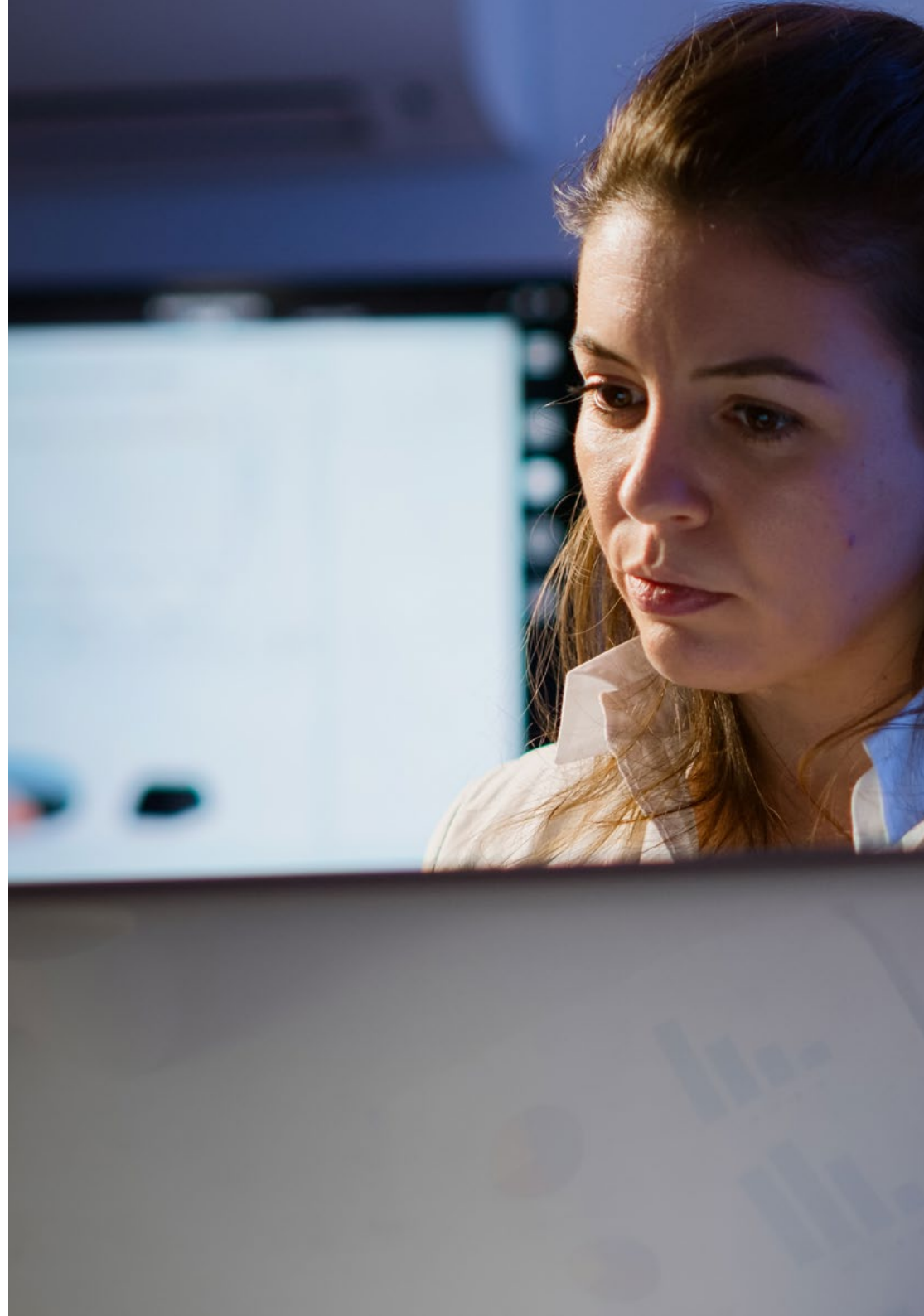
*Enroll in this Diploma in Cryptoeconomics and learn the phases through which the launch of a Crypto project must be developed”*



## General Objectives

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- ◆ Learn to value a Blockchain
- ◆ Analyze DeFi protocols and ecosystems
- ◆ Evaluate privacy within Blockchain technology
- ◆ Know how to determine when a project may have potential





## Specific Objectives

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- ◆ Evaluate a decentralized governance model and its obstacles
- ◆ Conduct an analysis of identified risks
- ◆ Generate specialized knowledge on consumer and investor protection
- ◆ Examine the effectiveness and impact on monetary policy
- ◆ Determine financial instability risks
- ◆ Analyze criminal activity
- ◆ Assess environmental impact



*You will have access to the best syllabus to master the keys related to Cryptoeconomics and the agents that are part of it”*

03

# Course Management

This degree in Cryptoeconomics will be under the tutelage of a group of experts in the field with extensive experience in project management and direction. In addition to this, TECH has formed a group of teachers with teaching skills of the highest level, who will attend, tutor and resolve any type of doubts and concerns that any of the graduates may have. Thanks to this, IT professionals will be able to acquire advanced knowledge and delve into the specific subjects of cryptoeconomics.



“

*To access an education of excellence, a quality teaching team is needed. That is why TECH has chosen to bring together the best leading professionals in the Cryptoeconomics sector”*

## Management



### Dr. Gil de la Guardia, Alberto

- ◆ Crypto world educator and lecturer
- ◆ Founding member of Le Crypto Club
- ◆ Co-director of several university programs related to Blockchain Technology and the Crypto world
- ◆ Doctorate in International Public Law at the Complutense University of Madrid
- ◆ Degree in Law from the University of Salamanca
- ◆ Master's Degree in Financial Studies from San Pablo CEU University
- ◆ Master's Degree in Blockchain Technology and Bitcoin from the European University of Madrid

## Professors

### Mr. Fernández, Jesús

- ◆ Managing Partner at FRK Investments
- ◆ 2ndWind Media Partner
- ◆ Partner and Tokener at be Token Capital
- ◆ Blue Sky Learning Partner
- ◆ General Partner of Yara Ventures
- ◆ Member of the Board of Directors of ARCHITECHTures
- ◆ Independent Expert for the European Commission on R&D Projects
- ◆ Telecommunications Engineer by the UPC - ETSETB BCN
- ◆ Postgraduate Postgraduate Certificate in Optoelectronics from the Vrije Universiteit Brussel



# 04

## Structure and Content

The Ever-Changing World of the Cryptoeconomics. Taking this reality into account, this specialty is also constantly up-to-date, so the topics covered offer the most innovative and high-level models, data and practices. Added to this, the team of teachers that has structured the contents is made up of professionals versed in the subject and with extensive experience, who have jointly developed a 100% online access syllabus that will allow computer scientists seeking to specialize in this branch, equip yourself with theoretical and practical knowledge in the most comfortable way possible and without influencing your daily professional performance.





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*A program created by experts in  
Cryptoeconomics that has practical,  
theoretical and real success cases to  
give you the best possible information”*

## Module 1. Cryptoeconomics

- 1.1. Cryptocurrencies and Money
  - 1.1.1. Fiat Money. Operation
  - 1.1.2. Bitcoin vs. Ethereum: vs. The Rest
  - 1.1.3. The Role of Stable Currencies
- 1.2. Central Banks and CBDCs
  - 1.2.1. CBDCs
  - 1.2.2. The Digital Yuan Case
  - 1.2.3. Bitcoin vs. CBDCs
  - 1.2.4. El Salvador
- 1.3. Blockchain Evaluation and Valorization
  - 1.3.1. Cash Flow Method
  - 1.3.2. Country Method
  - 1.3.3. Technical Analysis vs. Fundamental Analysis
- 1.4. Wallets
  - 1.4.1. Wallets. Key Elements
  - 1.4.2. Protected Wallets
  - 1.4.3. Unprotected Wallets
  - 1.4.4. Wallets Promoted by Countries
- 1.5. Tokenomics
  - 1.5.1. Tokenomics. Importance
  - 1.5.2. NFT or Tokens
  - 1.5.3. Type of Tokens Utility vs Security vs Governance
- 1.6. Web3 Economics
  - 1.6.1. Crypto New Economy Basis
  - 1.6.2. NFT and Games
  - 1.6.3. NFT and Communities
  - 1.6.4. Combined Models of NFT and Tokens





- 1.7. Digital Identity
  - 1.7.1. Cryptos as a Paradigm of Digital Identity
  - 1.7.2. Digital Identity and DeFi
  - 1.7.3. Soul bound NFT
- 1.8. New Banking
  - 1.8.1. CryptoBanks
  - 1.8.2. CryptoLoans
  - 1.8.3. CryptoInterests
  - 1.8.4. Banking System Evolution
- 1.9. Crypto Project Launch
  - 1.9.1. ICO
  - 1.9.2. IDO
  - 1.9.3. ILO
  - 1.9.4. NFT
  - 1.9.5. Tokenomics and Superfluid
- 1.10. Medium-Term Paradigms
  - 1.10.1. Quantum Computing
  - 1.10.2. Big Data& Blockchain
  - 1.10.3. Decentralization Utopia

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*Enroll in order to, in addition to expanding knowledge in Cryptoeconomics, prepare to be part of a branch of the sector with a spectacular future”*

# 05 Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.



A close-up photograph of a person's hands typing on a laptop keyboard. The image is partially obscured by a teal diagonal graphic element that covers the top right and bottom right portions of the page.

“

*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

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*At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world”*



*You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.*



*The student will learn to solve complex situations in real business environments through collaborative activities and real cases.*

### A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.

“*Our program prepares you to face new challenges in uncertain environments and achieve success in your career”*

The case method has been the most widely used learning system among the world's leading Information Technology schools for as long as they have existed. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question that you are presented with in the case method, an action-oriented learning method. Throughout the course, students will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

## Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

*In 2019, we obtained the best learning results of all online universities in the world.*

At TECH you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our university is the only one in the world authorized to employ this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.





In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

This methodology has trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, and financial markets and instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

*Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.*

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.



This program offers the best educational material, prepared with professionals in mind:



### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



### Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



### Practising Skills and Abilities

They will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.



### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





#### Case Studies

Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best specialists in the world.



#### Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



06

# Certificate

The Postgraduate Certificate in Cryptoeconomics guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





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*Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork”*

This **Postgraduate Certificate in Cryptoeconomics** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery\*.

The certificate issued by TECH Technological University will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations and professional career evaluation committees.

Title: **Postgraduate Certificate in Cryptoeconomics**

Official N° of Hours: **150 h.**



\*Apostille Convention. In the event that the student wishes to have their paper certificate issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
development language  
virtual classroom

**tech** technological  
university

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