

# 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
- » Target Group: University Graduates who have previously completed any of the degrees in the fields of Social and Legal Sciences, Administrative and Business Sciences. In addition, to managers interested in the area of market analytics and digital economic consulting

Website: [www.techtute.com/in/school-of-business/postgraduate-certificate/cryptoeconomics](http://www.techtute.com/in/school-of-business/postgraduate-certificate/cryptoeconomics)

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# 01

# Welcome

Cryptoeconomics is an emerging field that combines blockchain technology and cryptocurrencies to transform the way financial transactions are conducted. Training in this field is becoming increasingly important to keep up with the latest trends and developments in the financial world. This 100% online university program in cryptoeconomics is a unique opportunity to gain knowledge about cryptocurrencies and blockchain technology. The course focuses on the fundamentals of cryptoeconomics and is designed for students and professionals interested in expanding their knowledge in this area. The program also includes case studies and multimedia resources, as well as the teaching of an expert faculty in this field that will lay the foundations for student learning.



Postgraduate Certificate in Cryptoeconomics  
TECH Technological University





“

*Content focused on understanding fundamental concepts, including mining, smart contracts and decentralization within the cryptoeconomy”*

02

# Why Study at TECH?

TECH is the world's largest 100% online business school. It is an elite business school, with a model based on the highest academic standards. A world-class center for intensive managerial skills education.



“

*TECH is a university at the forefront of technology, and puts all its resources at the student's disposal to help them achieve entrepreneurial success"*

## At TECH Technological University



### Innovation

The university offers an online learning model that balances the latest educational technology with the most rigorous teaching methods. A unique method with the highest international recognition that will provide students with the keys to develop in a rapidly-evolving world, where innovation must be every entrepreneur's focus.

"Microsoft Europe Success Story", for integrating the innovative, interactive multi-video system.



### The Highest Standards

Admissions criteria at TECH are not economic. Students don't need to make a large investment to study at this university. However, in order to obtain a qualification from TECH, the student's intelligence and ability will be tested to their limits. The institution's academic standards are exceptionally high...

**95%** | of TECH students successfully complete their studies



### Networking

Professionals from countries all over the world attend TECH, allowing students to establish a large network of contacts that may prove useful to them in the future.

**+100000**

executives prepared each year

**+200**

different nationalities



### Empowerment

Students will grow hand in hand with the best companies and highly regarded and influential professionals. TECH has developed strategic partnerships and a valuable network of contacts with major economic players in 7 continents.

**+500**

collaborative agreements with leading companies



### Talent

This program is a unique initiative to allow students to showcase their talent in the business world. An opportunity that will allow them to voice their concerns and share their business vision.

After completing this program, TECH helps students show the world their talent.



### Multicultural Context

While studying at TECH, students will enjoy a unique experience. Study in a multicultural context. In a program with a global vision, through which students can learn about the operating methods in different parts of the world, and gather the latest information that best adapts to their business idea.

TECH students represent more than 200 different nationalities.



TECH strives for excellence and, to this end, boasts a series of characteristics that make this university unique:



### Analysis

---

TECH explores the student's critical side, their ability to question things, their problem-solving skills, as well as their interpersonal skills.



### Academic Excellence

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TECH offers students the best online learning methodology. The university combines the Relearning method (postgraduate learning methodology with the best international valuation) with the Case Study. Tradition and vanguard in a difficult balance, and in the context of the most demanding educational itinerary.



### Economy of Scale

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TECH is the world's largest online university. It currently boasts a portfolio of more than 10,000 university postgraduate programs. And in today's new economy, **volume + technology = a groundbreaking price**. This way, TECH ensures that studying is not as expensive for students as it would be at another university.



### Learn with the best

---

In the classroom, TECH's teaching staff discuss how they have achieved success in their companies, working in a real, lively, and dynamic context. Teachers who are fully committed to offering a quality specialization that will allow students to advance in their career and stand out in the business world.

Teachers representing 20 different nationalities.



*At TECH, you will have access to the most rigorous and up-to-date case analyses in academia"*

03

# Why Our Program?

Studying this TECH program means increasing the chances of achieving professional success in senior business management.

It is a challenge that demands effort and dedication, but it opens the door to a promising future. Students will learn from the best teaching staff and with the most flexible and innovative educational methodology.





“

*We have highly qualified teachers and the most complete syllabus on the market, which allows us to offer you education of the highest academic level”*

This program will provide you with a multitude of professional and personal advantages, among which we highlight the following:

**01**

### A Strong Boost to Your Career

By studying at TECH, students will be able to take control of their future and develop their full potential. By completing this program, students will acquire the skills required to make a positive change in their career in a short period of time.

*70% of students achieve positive career development in less than 2 years.*

**02**

### Develop a strategic and global vision of the company

TECH offers an in-depth overview of general management to understand how each decision affects each of the company's different functional fields.

*Our global vision of companies will improve your strategic vision.*

**03**

### Consolidate the student's senior management skills

Studying at TECH means opening the doors to a wide range of professional opportunities for students to position themselves as senior executives, with a broad vision of the international environment.

*You will work on more than 100 real senior management cases.*

**04**

### You will take on new responsibilities

The program will cover the latest trends, advances and strategies, so that students can carry out their professional work in a changing environment.

*45% of graduates are promoted internally.*

05

### Access to a powerful network of contacts

TECH connects its students to maximize opportunities. Students with the same concerns and desire to grow. Therefore, partnerships, customers or suppliers can be shared.

*You will find a network of contacts that will be instrumental for professional development.*

06

### Thoroughly develop business projects

Students will acquire a deep strategic vision that will help them develop their own project, taking into account the different fields in companies.

*20% of our students develop their own business idea.*

07

### Improve soft skills and management skills

TECH helps students apply and develop the knowledge they have acquired, while improving their interpersonal skills in order to become leaders who make a difference.

*Improve your communication and leadership skills and enhance your career.*

08

### You will be part of an exclusive community

Students will be part of a community of elite executives, large companies, renowned institutions, and qualified teachers from the most prestigious universities in the world: the TECH Technological University community.

*We give you the opportunity to study with a team of world-renowned teachers.*

# 04 Objectives

The main objective of this program is to give the student a thorough understanding of the fundamental concepts, from mining to smart contracts and decentralization. Students will have the opportunity to learn from experts in the field and be exposed to the latest trends and developments in the field. In addition, the course includes case studies to apply the acquired knowledge in real-world projects and offers a wide range of online resources to support learning. In short, the objective of the course is to provide a solid knowledge base in cryptoeconomics for students and professionals interested in the future of money.



“

*With TECH you will have a wide range of online resources to support your learning and help you achieve your professional growth goals"*



**TECH makes the goals of their students their own goals too**  
**Working together to achieve them**

The **Postgraduate Certificate in Cryptoeconomics** will enable students to:

01

Evaluate a decentralized governance model and its obstacles

02

Conduct an analysis of identified risks







03

Generate specialized knowledge on consumer and investor protection

04

Examine the effectiveness and impact on monetary policy

05

Determine financial instability risks

06

Analyze criminal activity







07

Assess environmental impact

08

Determine cryptocurrency investment audiences

# 05

# Structure and Content

The program syllabus covers a variety of important topics in the field. It explores the fundamental concepts of cryptocurrencies and money, including mining, security and wallet management. It also examines issues related to central banks and CBDCs (digital currencies issued by central banks) and looks at how blockchain technology is transforming the way traditional banking is done. In addition, topics such as decentralization, smart contracts and new forms of banking, such as fintechs and neobanks, are discussed. In short, the course syllabus is designed to provide students with a thorough and comprehensive understanding of the key topics in cryptoeconomics.



“

*The program's syllabus is designed to provide students with a thorough and comprehensive understanding of key topics in the field, from the fundamental concepts of cryptocurrencies to new forms of banking, including CBDCs and fintechs"*

## Syllabus

The 100% online Postgraduate Certificate is a unique opportunity to explore the complexities of the world of cryptocurrencies and blockchain technology. The program focuses on understanding the fundamental concepts of cryptoeconomics, including mining, smart contracts and decentralization.

Likewise, this educational option is designed to provide solid education in the principles and practice of cryptoeconomics, and is aimed at both students and professionals interested in expanding their knowledge in this area. Students will have the opportunity to learn from experts in the subject and will be exposed to the latest trends and developments in the field

The course also includes real-world case studies so that students can apply their knowledge to real-world projects. Students will have access to a wide range of online resources, as well as a high-level teaching team to help them throughout the learning process.

This Postgraduate Certificate is developed over 6 weeks and consists of 1 single module:

### Module 1

### Cryptoeconomics





### Where, When and How is it Taught?

TECH offers students the opportunity to take this Postgraduate Certificate in Cryptoeconomics completely online. During the 6 weeks of the specialization, the student will be able to access all the contents of this program at any time, which will allow them to self-manage their study time.

*A unique, key, and decisive educational experience to boost your professional development and make the definitive leap.*

**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 Element
- 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. NFTs or Tokens
- 1.5.3. Type of Tokens: Utility vs. Security vs. Governance

**1.6. Web3 Economics**

- 1.6.1. Cryptocurrencies. New Economy Basis
- 1.6.2. NFTs and Games
- 1.6.3. NFTs y Communities
- 1.6.4. Combined Models of NFTs 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 NFTs

**1.8. New Banking**

- 1.8.1. Crypto Banks
- 1.8.2. Crypto Loans
- 1.8.3. Crypto Interests
- 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. NFTs
- 1.9.5. *Tokenomics and Superfluid*

**1.10. Medium-Term Paradigms**

- 1.10.1. Quantum Computing
- 1.10.2. Big Data and Blockchain
- 1.10.3. Decentralization Utopia



“

*Are you looking to stay ahead of the curve in the world of cryptoeconomics and disruptive technologies? This 100% online Postgraduate Certificate is for you!"*



# 06

# 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.





“

*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"*



## TECH Business School uses the 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.

“

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



*This program prepares you to face business challenges in uncertain environments and achieve business success.*





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

## A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch to present executives with challenges and business decisions at the highest level, whether at the national or international level. 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 business reality is taken into account.

“

*You will learn, through collaborative activities and real cases, how to solve complex situations in real business environments”*

The case method has been the most widely used learning system among the world's leading business 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 we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They must integrate all their knowledge, research, 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.

*Our online system will allow you to organize your time and learning pace, adapting it to your schedule. You will be able to access the contents from any device with an internet connection.*

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 online business school is the only one in the world licensed to incorporate 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.

With this methodology we have 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, markets, and financial 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 specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to 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.



### Management Skills Exercises

They will carry out activities to develop specific executive competencies in each thematic area. Practices and dynamics to acquire and develop the skills and abilities that a high-level manager needs to develop in the context of the globalization we live in.



### 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 senior management 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.





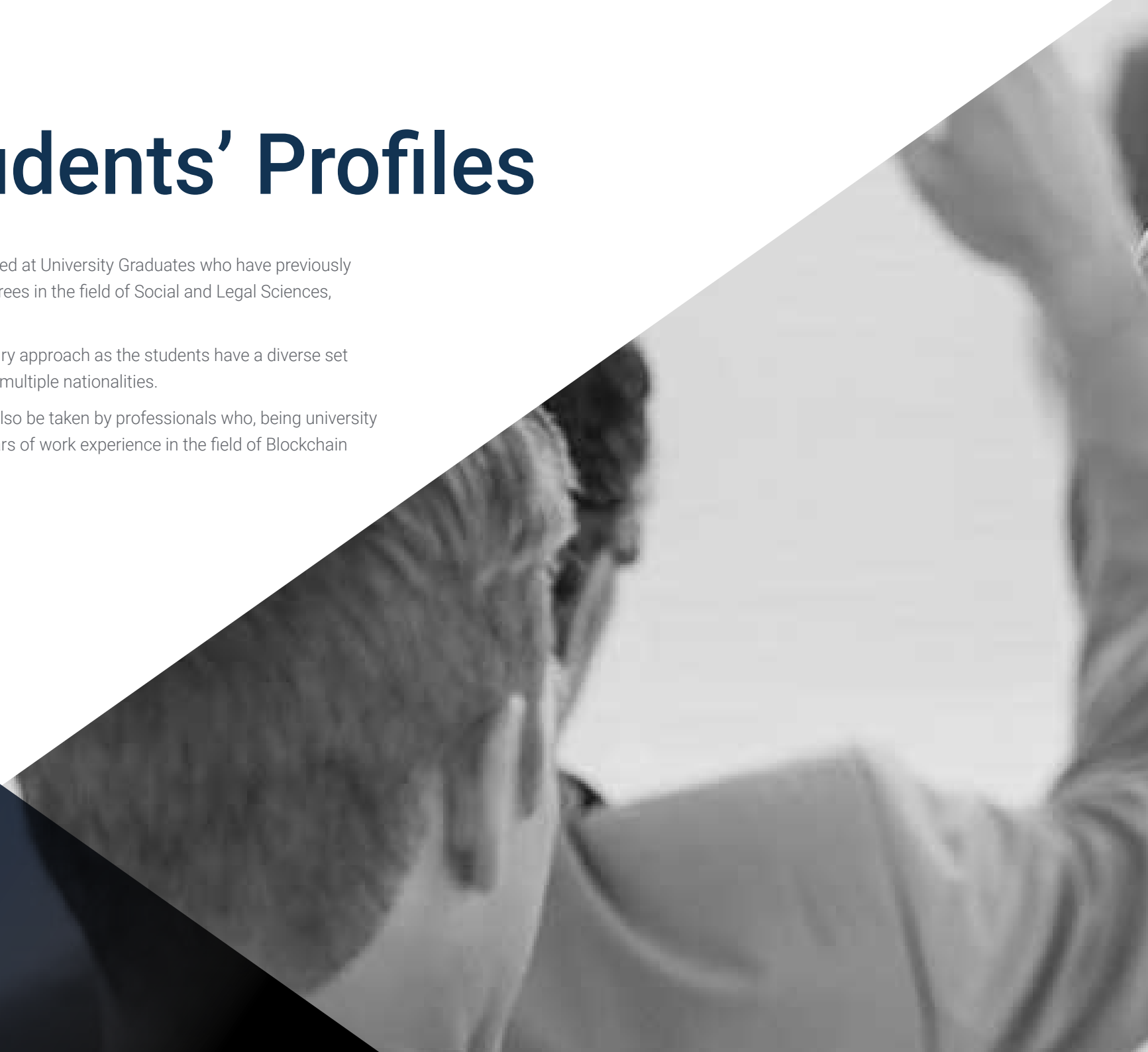
07

# Our Students' Profiles

The Postgraduate Certificate is aimed at University Graduates who have previously completed any of the following degrees in the field of Social and Legal Sciences, Administration and Economics.

This program uses a multidisciplinary approach as the students have a diverse set of academic profiles and represent multiple nationalities.

The Postgraduate Certificate may also be taken by professionals who, being university graduates in any area, have two years of work experience in the field of Blockchain and economic consulting.



“

*With a comprehensive syllabus covering everything from fundamental concepts to new banking and CBDCs, this course will position you as an eminence in the field”*

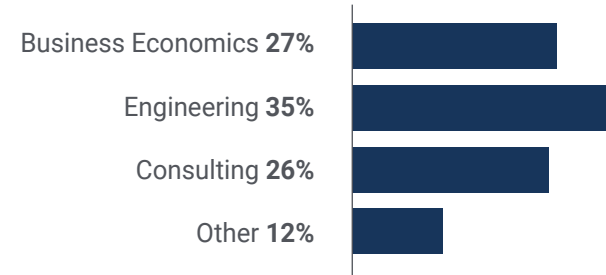
### Average Age

Between **35** and **45** years old

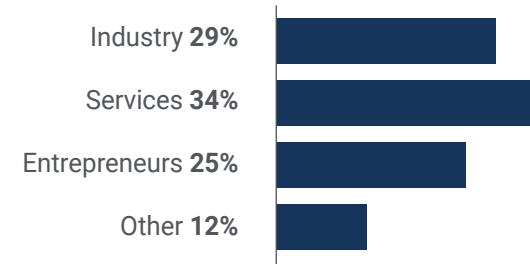
### Years of Experience



### Training

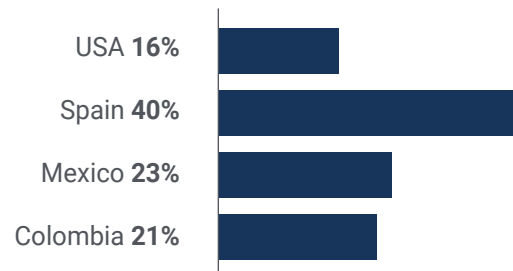


### Academic Profile



## Geographical Distribution

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## Jorge Luis Andrade Santos

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Investment Manager at a major financial institution

*"This Postgraduate Certificate has been an incredible learning experience for me. As a professional in the financial sector, I had always been interested in cryptocurrencies and blockchain technology, but this course gave me a much deeper understanding of these topics. The professors and tutors are subject matter experts and they provided me with exceptional guidance at all times. In addition, the practical exercises were very helpful in applying the knowledge gained to real-world projects. I now feel much more confident and confident when making decisions related to cryptocurrencies and new banking. I highly recommend this course to anyone looking for solid education in cryptoeconomics"*



08

# Course Management

The teaching staff of this 100% online Postgraduate Certificate dedicated to cryptoeconomics is made up of experts in the field. The professors have extensive experience in the field and are committed to teaching and promoting knowledge in the area of cryptoeconomics. In short, the program's faculty of the program is committed to providing students with a high-quality learning experience that is relevant to today's world.





“

*Genuine experts of international reputation in the field of cryptoeconomics will guide your learning. Don't hesitate and enroll now”*

## Management



### **Dr. Gil de la Guardia, Alberto**

- ♦ 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
- ♦ Master's Degree in Financial Studies from CEU San Pablo University.
- ♦ Master's Degree in Blockchain Technology and Bitcoin from the European University of Madrid
- ♦ Degree in Law from the University of Salamanca





09

# Impact on Your Career

The cryptocurrency market is booming, so the demand for professionals who master this field has grown exponentially. For this reason, the graduate who accesses this Postgraduate Certificate will be guaranteed a successful professional future within the decentralized digital finance. And the fact is that, having in your resume a distinctive as this program, endorsed by a great university of international prestige as TECH, will allow you to stand out, without a doubt, in any job interview.





“

*A program that, thanks to its very high level, will mark a before and after in your professional career as a trader”*

### Are you ready to take the leap? Excellent professional development awaits you

TECH's Postgraduate in Cryptoeconomics is an intensive program that prepares you to face challenges and business decisions in the field of Economics and Blockchain. The main objective is to promote your personal and professional growth. Helping you achieve success.

If you want to improve yourself, make a positive change at a professional level, and network with the best, then this is the place for you.

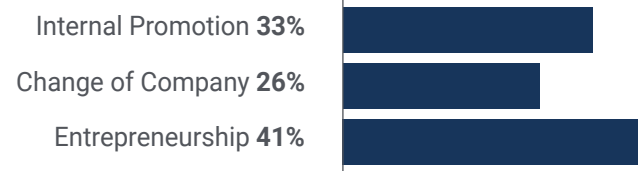
*The mastery you will acquire of NFT trading will shape you as a reputable crypto professional in today's business environment.*

*The best program to specialize in cryptoeconomics. Are you going to let this opportunity pass by?"*

### When the change occurs



### Type of change



### Salary increase

---

This program represents a salary increase of more than **27.42%** for our students.





10

# Benefits for Your Company

This Postgraduate Certificate has been designed to enable professionals to develop the skills of a top-level expert in crypto-economy trading. Thanks to the course, graduates will acquire a unique set of skills that will enable them to act in a feasible, arduous and successful way in any type of situation, including the most complex ones.



“

*Your company will experience unprecedented growth after you complete this university program. Don't hesitate and enroll now”*

Developing and retaining talent in companies is the best long-term investment.

01

### **Growth of talent and intellectual capital**

The professional will introduce the company to new concepts, strategies, and perspectives that can bring about significant changes in the organization.

---

02

### **Retaining high-potential executives to avoid talent drain**

This program strengthens the link between the company and the professional and opens new avenues for professional growth within the company.

03

### **Building agents of change**

You will be able to make decisions in times of uncertainty and crisis, helping the organization overcome obstacles.

---

04

### **Increased international expansion possibilities**

Thanks to this program, the company will come into contact with the main markets in the world economy.



05

### **Project Development**

The professional can work on a real project or develop new projects in the field of R & D or business development of your company.

---

06

### **Increased competitiveness**

This program will equip students with the skills to take on new challenges and drive the organization forward.



11

# 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.



“

*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



## Postgraduate Certificate Cryptoeconomics

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



# Postgraduate Certificate Cryptoeconomics

