



Postgraduate Diploma Cryptoeconomics

» Modality: online

» Duration: 6 months

» Certificate: TECH Technological University

» Dedication: 16h/week

» Schedule: at your own pace

» Exams: online

» Target Group: Graduates, university graduates and university graduates who who have previously completed any of the qualifications in the field of Social and Legal Sciences, Administrative Tasks and Business Administration

 $We b site: {\color{blue}www.techtitute.com/pk/business-school/postgraduate-diploma/postgraduate-diploma-cryptoeconmics} \\$

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01 **Welcome**

The digital revolution and the development of technology have led to the growth of the crypto-economy, with which the concept of physical money has been volatilized, giving way to the emergence of digital assets that are nowadays traded at exorbitant prices. It is, therefore, a sector with ample business opportunities and in which incalculable profits can be obtained if you act safely. And for this, graduates can count on this program, which will provide them with all the information they need to master the crypto environment and new business models, as well as the *Compliance* to develop a good practice in the regulatory framework. All of this 100% online and through an educational experience that will help you succeed in the area of decentralized finance in a guaranteed way and in only six months of theoretical and practical training.









tech 08 | Why Study at TECH?

At TECH Technological University



Innovation

The university offers an online learning model that combines 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.

100,000+

200+

executives trained each year

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.



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 studies in the academic community"

Why Study at TECH? | 09 tech

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

TECH offers students the best online learning methodology. The university combines the Relearning method (a postgraduate learning methodology with the highest international rating) with the Case Study. A complex balance between tradition and state-of-the-art, within the context of the most demanding academic itinerary.



Economy of Scale

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 ground-breaking price**. This way, TECH ensures that studying is not as expensive for students as it would be at another university.





tech 12 | Why Our Program?

This program will provide students with a multitude of professional and personal advantages, particularly the following:



A significant career boost

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 participants achieve positive career development in less than 2 years.



Develop a strategic and global vision of companies

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

Our global vision of companies will improve your strategic vision.



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.



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.



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.



Thoroughly develop business projects

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

20% of our students develop their own business idea.



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.



Be part of an exclusive community

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

We give you the opportunity to train with a team of world renowned teachers.





tech 16 | Objectives

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

The **Postgraduate Diploma in Cryptoeconomics** enables the student to:



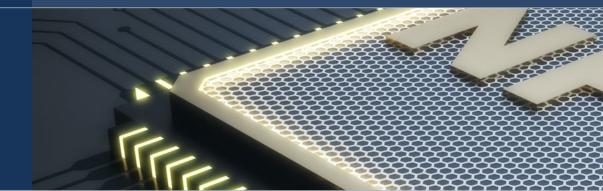
Evaluate a decentralized governance model and its obstacles



Examine the effectiveness and impact on monetary policy



Conduct an analysis of identified risks

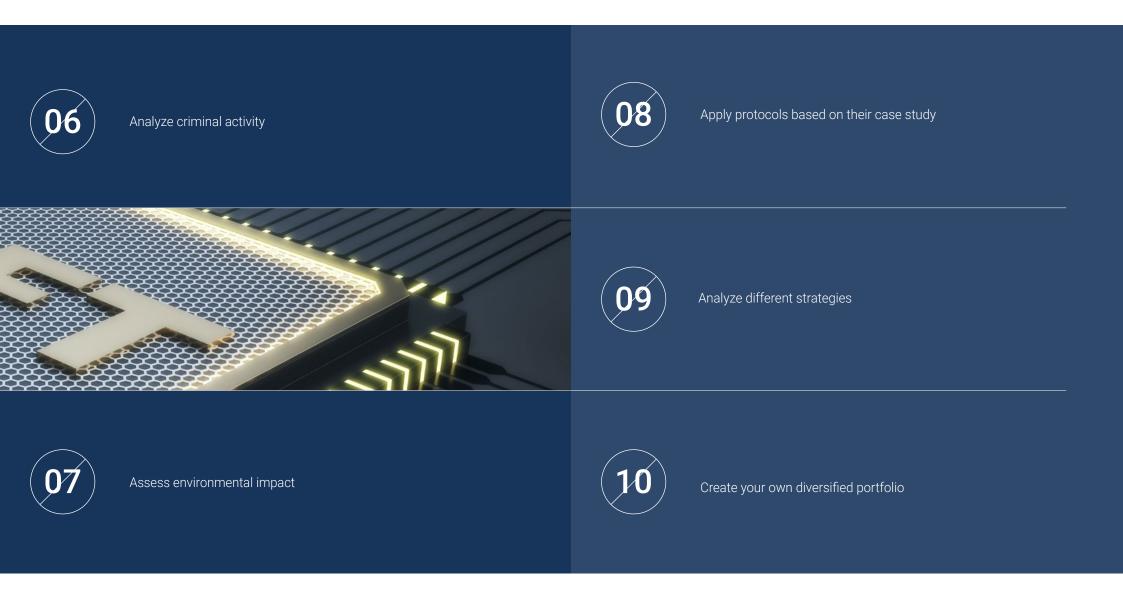




Generate specialized knowledge on consumer and investor protection



Determine financial instability risks





Apply Blockchain compliance

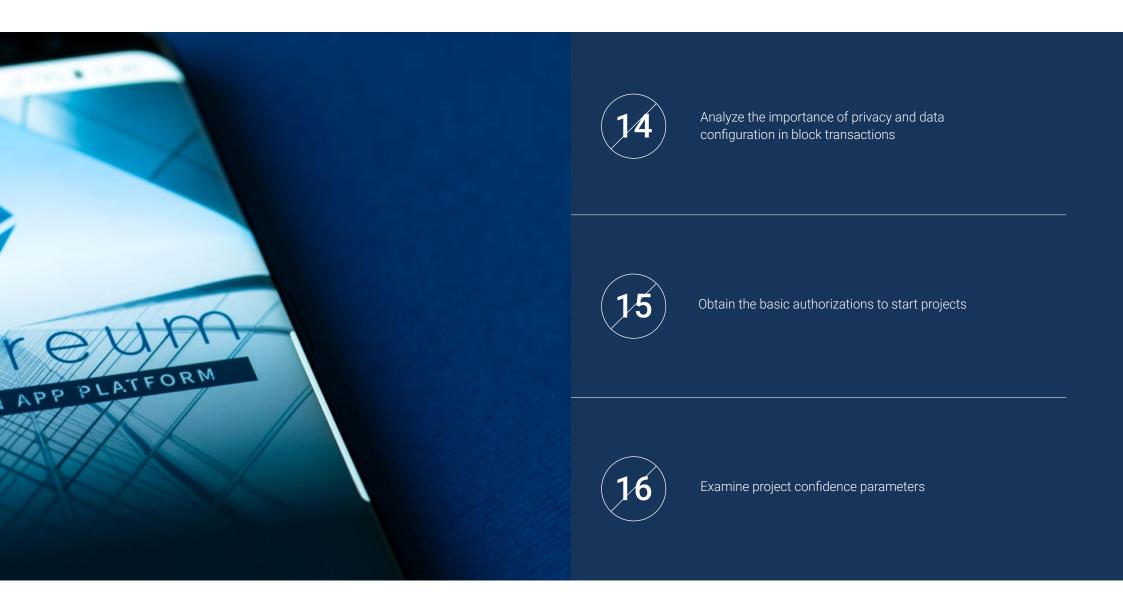


Determine the regulatory standards that apply to the DLT

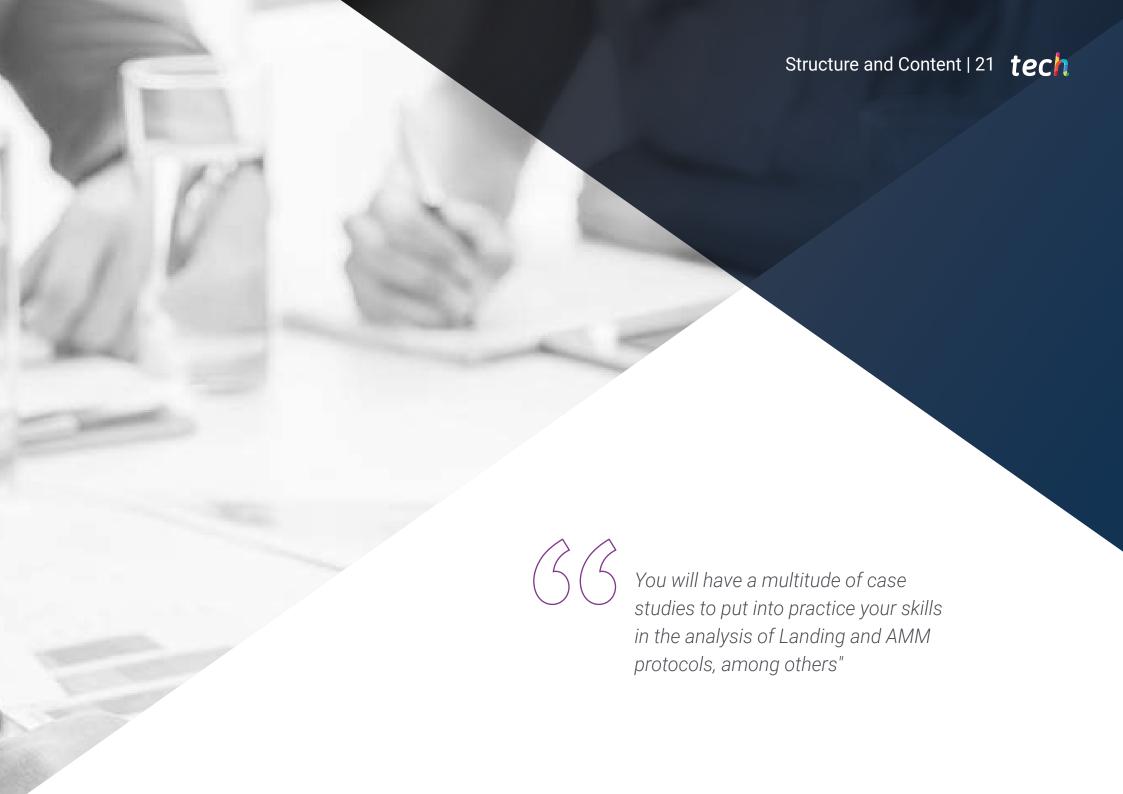


Demonstrate the importance of regulations to ensure project security









tech 22 | Structure and Content

Syllabus

TECH and its team of specialists in Cryptoeconomics have developed this Postgraduate Diploma based on the latest developments in the sector, as well as taking into account the necessary information to generate a comprehensive knowledge about it. Based on this, it has made it possible to create an educational experience that will undoubtedly elevate your talent to the highest level through only 450 hours of theoretical and practical training.

This is possible, on the one hand, thanks to the use of the latest and most effective pedagogical methodology, as well as the inclusion of high-quality additional material presented in different formats. In this way, the graduate will be able to delve into the different Crypto environments and their characteristics, as well as in the launching of a digital project of this type based on the on the Web Economy3. In addition, they will delve into the new business models and their protocols (Landing, AMM, DEX, DeFi, etc.).

All this 100% online and through 6 months in which you will be able to access the Virtual Campus and the entire content of the program from any device with an internet connection. It is, therefore, a unique educational opportunity to delve into a booming sector such as Cryptoeconomics and elevate your talent as a business professional to the pinnacle of the digital environment.

This Postgraduate Diploma is developed over six months and is divided into three modules:

Module 1. Cryptoeconomics

Module 2. New Crypto Business Models Protocols

Module 3. Compliance. Regulations and Crypto Privacy



Where, When and How is it Taught?

TECH offers you the possibility to study this Postgraduate Diploma in Cryptoeconomics completely online. Throughout the six months of the educational program, you will be able to access all the contents of this program at any time, allowing you to self-manage your study time.

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

tech 24| Structure and Content

2.9.1. Cryptocurrency Trading2.9.2. Strategy Analysis2.9.3. Use Criteria for Strategies

Module 1. Cryptoeconomics			
1.1. Cryptocurrencies and Money1.1.1. Fiat Money. Operation1.1.2. Bitcoin vs. Ethereum. The Rest1.1.3. The Role of Stable Currencies	1.2. Central Banks and CBDCs1.2.1. CBDCs1.2.2. The Digital Yuan Case1.2.3. Bitcoin vs. CBDCs1.2.4. 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. Wallets1.4.1. Wallets. Key Elements1.4.2. Protected Wallets1.4.3. Unprotected Wallets1.4.4. Wallets Promoted by Countries
1.5. Tokenomics1.5.1. Tokenomics. Importance1.5.2. NFTs or Tokens1.5.3. 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 and Communities 1.6.4. Combined Models of NFTs and Tokens 	1.7. Digital Identity1.7.1. Cryptos as a Paradigm of Digital Identity1.7.2. Digital Identity and DeFi1.7.3. 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 Launch1.9.1. ICO1.9.2. IDO1.9.3. ILO1.9.4. NFTs1.9.5. Tokenomics and Superfluid	1.10. Medium-Term Paradigms1.10.1. Quantum Computing1.10.2. Big Data and Blockchain1.10.3. Decentralization Utopia		
Module 2. New Crypto Business M	odels Protocols		
 2.1. DeFi Protocol Analysis on Bitcoin 2.1.1. DeFi on Bitcoin 2.1.2. Lightning Network 2.1.3. RSK 	 2.2. Analysis of Landing Protocols 2.2.1. Main Landing Protocols 2.2.2. Case Uses 2.2.3. Landing in Crypto Projects vs. Non-Crypto 	2.3. AMM Protocol Analysis2.3.1. Main AMM Protocols2.3.2. Case Uses2.3.3. Differences Between Landing and AMM	2.4. DEX Protocol Analysis2.4.1. Main DEX Protocols2.4.2. Case Uses2.4.3. BPO Vs. CEX
2.5. Information and Resource Sil2.5.1. Information Silos2.5.2. Crypto Silos Creation. Advantages2.5.3. Real World Uses of Information Silos	Mining and Yield Farming 2.6.1. 7.6 Protocol Analysis:	2.7. Insurance Protocol Analysis2.7.1. Main Insurance Protocols2.7.2. Case Uses2.7.3. Secure Protocol Creation	2.8. Investment Funds2.8.1. Investment Funds2.8.2. Crypto Investment Fund Analysis2.8.3. Crypto Investment Fund Analysis
2.9. Composite Strategies 2.9.1. Cryptocurrency Trading	2.10. Portfolio Analysis, Balancing and Protection		

2.10.1. Cryptocurrency Wallets 2.10.2. Asset Analysis 2.10.3. Balancing and Protection Strategies

3.1. Digital Identity	3.2. Digital Signature	3.3. Compliance	3.4. Cryptos and Icos Legality
 3.1.1. Digital Identity Transformation 3.1.2. Self Sovereign Identity 3.1.3. Regulatory Framework in the Different International Legal Systems 	3.2.1. Electronic Signature3.2.2. Digital Certificate3.2.3. Certification Authorities	3.3.1. Compliance3.3.2. Blockchain Compliance3.3.3. Compliance Models	3.4.1. Regulatory Framework 3.4.2. ICOS Launch 3.4.3. From ICOS to IDOS
3.5. Taxation Cryptos 3.5.1. Tax Treatment of Cryptoassets in the European Union Legal System 3.5.2. Crypto-Asset Taxation Consultations 3.5.3. Tax Accounting Treatment in the European Union	 3.6. International Regulation in the Different Jurisdictions Regardin the Holding of Cryptoassets. Special Treatment in the Americas 3.6.1. MICA 3.6.2. DORA 3.6.3. EIDAS 3.6.4. The Future of Cryptos According to the European Commission 	3.7. Cybersecurity 3.7.1. Cybersecurity in Blockchain 3.7.2. Decentralization 3.7.3. Blue Team	 3.8. Ethics and Digital Errors 3.8.1. Good Faith in the Legality of U.S. Projects 3.8.2. Digital Transformation Mistakes 3.8.3. Structuring Parameters in the Organization
3.9. Regtech and Legaltech Solution 3.9.1. REGTECH Solutions 3.9.2. LEGALTECH Solutions 3.9.3. Practical Examples	3.10. Blockchain Certificates 3.10.1. Blockchain Certification 3.10.2. Sector Business Opportunity 3.10.3. BlockTac		



The perfect program to delve into the new banking and how the banking system will evolve in the coming years in order to be prepared"



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.





tech 28 | Methodology

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.





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.

tech 30 | Methodology

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.



Methodology | 31 tech

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.





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

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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.

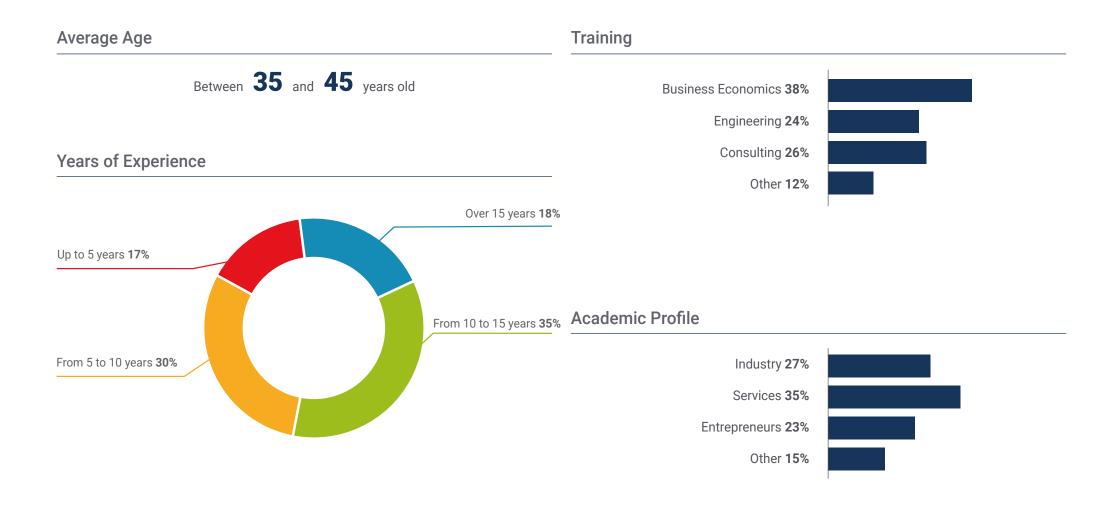


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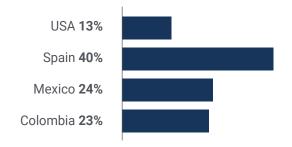




tech 36 | Our Students' Profiles



Geographical Distribution





Raul Gimenez

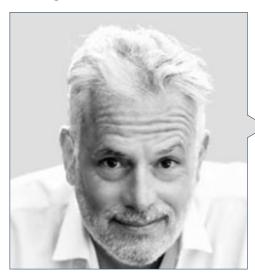
Consultant and Managing Partner in a major digital assets company

"I had been interested in the field of Cryptocurrency for some time, but it was not until a colleague at work recommended this Postgraduate Diploma that I decided to specialize in this field. Now I know that it was the best decision I could have made, because thanks to TECH and the incredible work of its teaching team I have been able to immerse myself in this environment and dedicate my activity to it, achieving everything I had previously proposed"





Management



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





Professors

Mr. Fernández Belando, David

- Founding partner of ADNBLOCK
- IBM Blockchain Essentials
- IBM Blockchain. Foundation Developer
- Bitcoin and Blockchain Expert at Universidad Europea de Madrid
- Information Technology Engineer from the National University of Distance Education (UNED)
 Distance Education

Mr. Fernández Ramos, Jesús

- Mangaging Partner at FRK Investments
- 2ndWind Media Partner
- Partner and Tokener at beToken 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
- Diploma Work (Optoelectronics) by the Vrije Universiteit Brussel

Mr. Montalvo Aguilera, Hermógenes

- Consultant and legal advisor in Blockchain, legal smart contracts and enterprise tokenization
- Lawyer expert in Compliance, Blockchain and Tokenomics by Esade Business School
- Cybersecurity Course
- Master's Degree in Law from the Universidad Oberta de Catalunya
- Master's Degree in Blockchain by Tutellus
- Graduate in Law from the Universidad Oberta de Catalunya





tech 44 | Impact on Your Career

Would you like to launch your own Crypto project with security and guarantee? So, opt for a qualification in which you will find everything you need to be successful.

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

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

If your goal is to better yourself, make a positive change professionally and network with the best, this is the place for you. You will work with the most up-to-date information on the evaluation and valuation of a Blockchain through cash flow and country methods.

When the change occurs

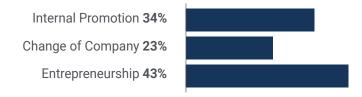
During the program

15%

During the first year

29%

Type of change



Salary increase

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

Salary before

\$58,300

A salary increase of

27.42%

Salary after

\$74,200





tech 48 | Benefits for Your Company

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



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.



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.



Building agents of change

Be able to make decisions in times of uncertainty and crisis, helping the organization to overcome obstacles



Increased international expansion possibilities

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







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.



Increased competitiveness

This Postgraduate Diploma will equip the professionals with the skills to take on new challenges and thus drive the organization forward.





tech 52 | Certificate

This **Postgraduate Diploma in Cryptoeconomics** contains the most complete and upto-date program on the market.

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

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

Title: **Postgraduate Diploma in Cryptoeconomics**Official N° of Hours: **450 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.



Postgraduate Diploma Cryptoeconomics

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» Duration: 6 months

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» Exams: online

