



Cryptocurrency and Blockchain Analysis

» Modality: online

» Duration: 6 months

» Certificate: TECH Global University

» Credits: 18 ECTS

» Schedule: at your own pace

» Exams: online

» Target Group: University Graduates and Undergraduates who have previously completed any degree in the field of Social and Legal Sciences, Administrative and Business Sciences, as well as those graduates from the world of Crypto-Gaming and Blockchain Economy interested in the industrial field

Website: www.techtitute.com/us/school-of-business/postgraduate-diploma/postgraduate-diploma-criptocurrency-blockchain-analysis

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01 **Welcome**

Crypto-analysis has become a frequent activity in today's business environment. Through the extensive study of past trends, as well as the stock market movements that have developed related to this environment, professionals can obtain a series of useful data to design action plans with high percentages of success in the market. However, this is a job that requires a very high level of knowledge based on the mastery of Smart Contracts, the different cryptocurrencies that currently exist and Blockchain technology. For this reason, TECH has developed a dynamic and innovative program that gathers the most complete information in this regard with which the graduate will be able to work, 100% online and in just 6 months, in the improvement of their skills related to the accurate estimation of the behavior of digital currencies in the future in the short, medium and long term.









tech 08 | Why Study at TECH?

At TECH Global 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

+200

executives prepared 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.



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 (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

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.





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"





tech 12 | Why Our Program?

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



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.



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.



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.



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.



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 fields 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.



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 Global University community.

We give you the opportunity to study 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 Cryptocurrency and Blockchain Analysis will enable the student to:



Identify the components of Blockchain Technology



Choose and manage a Wallet (Digital Wallet)



Determine the advantages of Blockchain in entrepreneurship projects.





Select ad hoc network types. with the objectives proposed when planning a gamified economy project.



Discriminate the cryptocurrencies that are most suitable for future ventures







tech 20 | Structure and Content

Syllabus

This Postgraduate Diploma in Cryptocurrency and Blockchain Analysis, designed exclusively by the teaching team of TECH Global University, includes the most relevant and necessary aspects to develop a successful business career within the digital sector.

It is an intensive program developed over 6 months and in which the student will have access to 450 hours of not only theoretical, but practical, material. In the Virtual Campus you will find detailed videos, dynamic summaries of each unit, research articles and additional readings that will allow you to expand each section as you wish.

Additionally, the program explores the most important aspects of the current crypto environment, focusing on the video game sector. From strategies and digital assets, to the most effective media and techniques, with emphasis on the use of different networks and their tools.

Finally, it delves into the mastery of the most complex and specialized Blockchain

software, as well as the use of *wallets* and *smarts contracts* in decentralized environments.

A 100% online Postgraduate Diploma with an academic platform available 24 hours a day, which will allow you to organize your own teaching schedule, without having to neglect your work activity. Additionally to the quality of the content, the professionalism of the teaching staff and the prestige that a degree issued by the largest Technological University in the world will add to your resume: TECH.

This Postgraduate Diploma takes place over 6 months and is divided into 3 modules:

Module 1 Blockchain.

Module 2 Cryptocurrency Analysis

Module 3 Networks



Where, When and How is it Taught?

TECH offers the possibility of developing this Postgraduate Diploma in Cryptocurrency Analysis and Blockchain completely online. Throughout the 6 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 to boost your professional development and make the definitive leap.

tech 22| Structure and Content

Mod	Module 1. Blockchain									
1.1.1. 1.1.2.	Blockchain Blockchain The New Blockchain Economy Decentralization as the Foundation of the Blockchain Economy	1.2. BlockchainTechnology1.2.1. Bitcoin Blockchain1.2.2. Validation Process, Computational Power1.2.3. Hash	1.3.1. 1.3.2.	Types of Blockchain Public Chain Private Chain Hybrid or Federated Chain	1.4.1. 1.4.2.	Types of Networks Centralized Network Distributed Network Decentralized Network				
1.5.1. 1.5.2.	Smart Contracts Smart Contracts Process of Generating a Smart Contract Examples and Applications of Smart Contract	1.6. Wallets1.6.1. Wallets1.6.2. Usefulness and Importance of a Wallet1.6.3. Hot & Cold Wallet	1.7.1. 1.7.2.	Blockchain Economy Advantages of the Blockchain Economy Risk Level Gas Fee	1.8.1. 1.8.2.	Security/Safety Revolution in Security Systems Absolute Transparency Attacks to the Blockchain				
1.9.1. 1.9.2.	Tokenization Tokens Tokenization Tokenized Models	1.10. Legal Aspects 1.10.1. How Architecture Affects Regulatory Capacity 1.10.2. Jurisprudence 1.10.3. Current Legislation on Blockchain								
Mod	lule 2. Cryptocurrency Analysis									
2.1.1. 2.1.2.	Bitcoin Bitcoins Bitcoin as a Market Indicator Advantages and Disadvantages for Gamified Economies	 2.2. Altcoins 2.2.1. Main Characteristics and Differences with Respect to Bitcoin 2.2.2. Market Impact 2.2.3. Analysis of Binding Projects 	2.3.1. 2.3.2.	Ethereum Main Features and Operation Hosted Projects and Market Impact Advantages and Disadvantages for Gamified Economies	2.4.1. 2.4.2.	Binance Coin Main Features and Operation Hosted Projects and Market Impact Advantages and Disadvantages for Gamified Economies				
2.5.1. 2.5.2.	Stablecoins Features Projects in Operation as of Stablecoins Uses of Stablecoins in Gamified Economies	2.6. Main Stablecoins 2.6.1. USDT 2.6.2. USDC 2.6.3. BUSD	2.7.1. 2.7.2.	Trading Trading in Gamified Economies Balanced Portfolio Unbalanced Portfolio	2.8.1. 2.8.2.	Trading: DCA DCA Positional Trading Daytrading				
2.9.1.	Risk Price Formation Liquidity	2.10. Legal Aspects 2.10.1. Mining Regulation 2.10.2. Consumer Rights								

Module 3. Networks							
 3.1. The Revolution of the Smart Contract 3.1.1. The Birth of the Smart Contract 3.1.2. Application Hosting 3.1.3. Security in IT Processes 	3.2. Metamask3.2.1. Aspects3.2.2. Impact on Accessibility3.2.3. Asset Management at Metamask	3.3. Tron3.3.1. Aspects3.3.2. Hosted Applications3.3.3. Disadvantages and Benefits	3.4. Ripple3.4.1. Aspects3.4.2. Hosted Applications3.4.3. Disadvantages and Benefits				
3.5. Ethereum 3.5.1. Aspects 3.5.2. Hosted Applications 3.5.3. Disadvantages and Benefits	3.6. Polygon MATIC3.6.1. Aspects3.6.2. Hosted Applications3.6.3. Disadvantages and Benefits	3.7. Wax3.7.1. Aspects3.7.2. Hosted Applications3.7.3. Disadvantages and Benefits	3.8. ADA Cardano3.8.1. Aspects3.8.2. Hosted Applications3.8.3. Disadvantages and Benefits				
3.9. Solana 3.9.1. Aspects 3.9.2. Hosted Applications 3.9.3. Disadvantages and Benefits	3.10. Projects and Migrations 3.10.1. Networks Suitable for the Project 3.10.2. Migration 3.10.3. Crosschain						



The extensive nature of this Postgraduate Diploma also contemplates a detailed analysis of the current regulations on the Blockchain and its rules and regulations"



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 26 | 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 28 | 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 | 29 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.

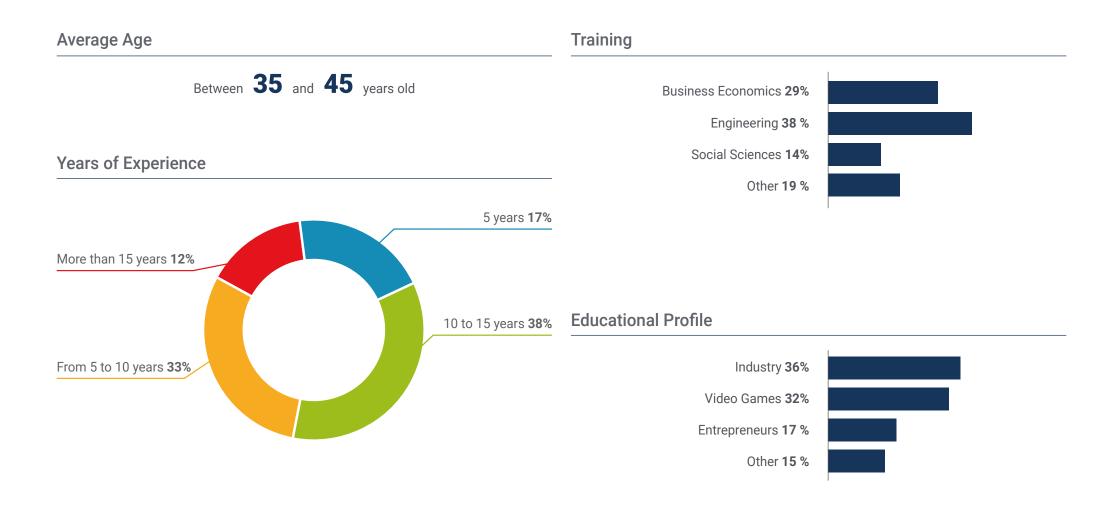


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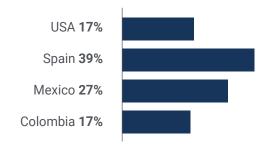




tech 34 | Our Students' Profiles



Geographical Distribution





Michael Pérez

Entrepreneur and senior miner of Bitcoins

"I never thought that an online program could provide me with everything I now know. This Postgraduate Diploma has not only given me access to the most dynamic information related to wallets, the Blockchain economy and tokenization, but it has also provided me with a lot of material to perfect my skills and to culminate the experience as the leader I am today."





International Guest Director

Rene Stefancic is a leading **Blockchain** and **Web3 technology** professional known for his innovative approach and strategic leadership in **emerging digital ecosystems**. He currently serves as Chief Operating Officer (COO) at **Enjin**, a **pioneering Blockchain** and **NFT platform**, where he manages tasks such as the adoption of new tools and fosters **strategic partnerships** to drive cutting-edge IT solutions. With a hands-on, results-oriented approach, he applies his "swim or sink" and "try everything" philosophy to every project, always looking to solve the most complex challenges in a scalable and effective way.

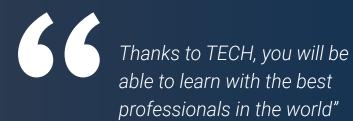
Prior to joining Enjin, Stefancic held the position of Head of Marketing at CoinCodex, a platform aimed at cryptocurrency data aggregation. It was in this environment that he consolidated his expertise in growth strategies and digital marketing, taking a decisive role in expanding the company's visibility and reach. His transition to the Blockchain world began when he decided to leave his career in traditional finance to focus on data modeling and analytics in this new sector, thereby laying the foundations for his career in a constantly evolving market.

With a vision focused on product development and IT strategy, the expert excels in leading teams towards the creation of innovative and applicable solutions in the context of Blockchain technology. His ability to build strong and long-lasting business relationships has enabled him to establish key strategic partnerships in the industry, cementing his international reputation as a dynamic leader in the field of technology and digital assets.



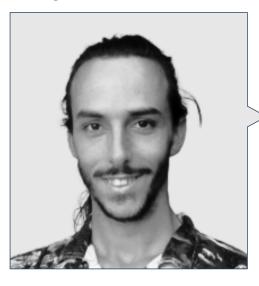
Mr. Stefancic, Rene

- Chief Operating Officer (COO) at Enjin, Singapore, Singapore.
- Blockchain Advisor at NFTFrontier
- IT Consultant at RS IT Consulting
- Marketing Director at CoinCodex
- Consultant at NextCash
- · Digital Marketing Specialist at Piaggio Group Slovenia
- Master's Degree in Management at the Faculty of Management, University of Primorska



tech 40 | Course Management

Management



Mr. Olmo Cuevas, Alejandro

- Fundador de Seven Moons Studios Blockchain Gaming
- Founder of the Niide project
- Game designer and Blockchain economies for video games
- Writer of fantastic narrative and poetic prose

Professors

Mr. Olmo Cuevas, Víctor

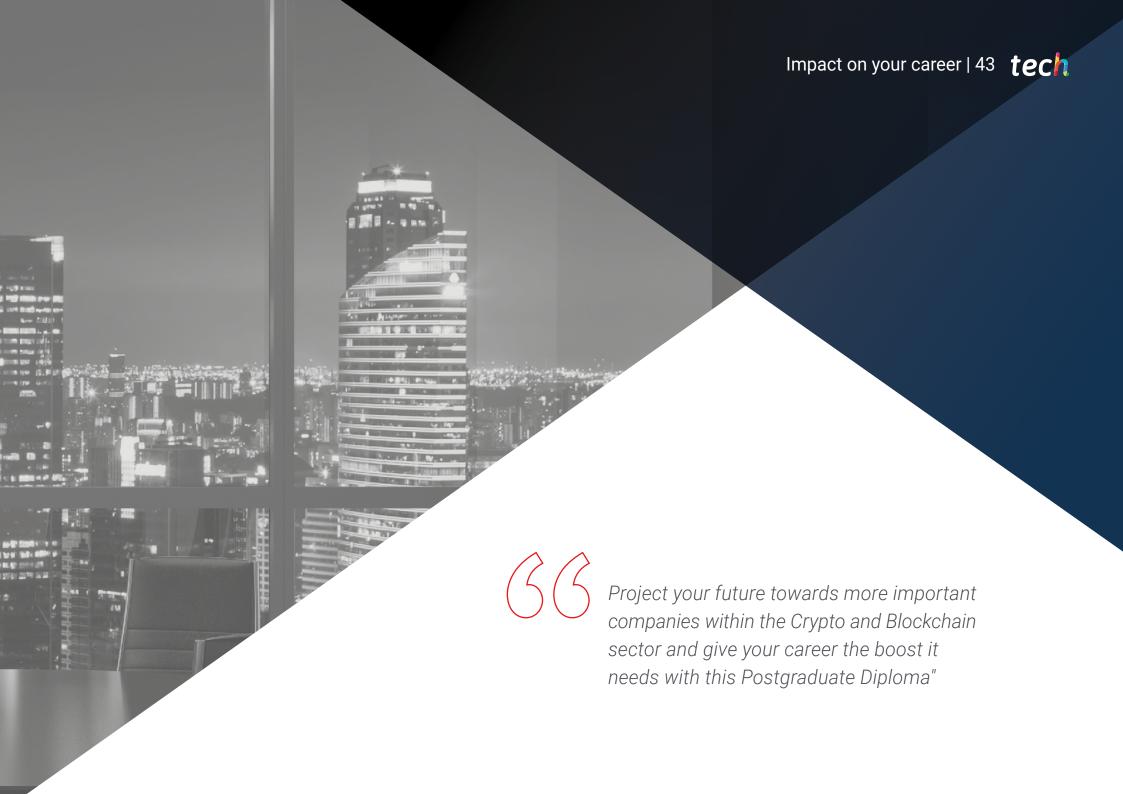
- Gaming economist
- Co-founder, game designer and game economist at Seven Moons Studios Blockchain Gaming
- Web designer and professional video game player
- Professional Online Poker Player and Teacher
- Graphic Designer at Arvato Services Bertelsmann
- Project Analyst and Investor at Crypto Play to Earn Gaming Scene
- Chemical laboratory technician
- Graphic Designer

Mr. Gálvez González, Danko Andrés

- Blockchain economy business advisor and Programmer
- Commercial Advisor at Niide, Blockchain gamified economy project
- HTML and CCS programmer in learning didactics projects
- Movistar and Virgin Mobile Sales Executive
- Bachelor's Degree in Education from the Universidad de Playa Ancha Educational Sciences







tech 44 | Impact on Your Career

This Postgraduate Diploma will give you the keys, not only to master the area of security in the crypto environment, but it will allow you to know in detail the ins and outs of running a successful business.

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

The TECH Postgraduate Diploma in Cryptocurrency and Blockchain Analysis is an intensive program that prepares you to face challenges and business decisions in the crypto arena. The main objective is to promote your personal and professional growth. Helping you achieve success.

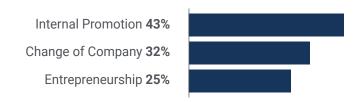
If you want to improve yourself, make a positive change at a professional level, and network with the best, then this is the place for you.

A multidisciplinary educational option that will increase your chances of receiving a significant salary increase.

Time of Change



Type of change



Salary increase

The completion of this program represents a salary increase of more than **25.3%** for our students.

Salary before

\$53,000

A salary increase of

25.3%

Salary after

\$66,400





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

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

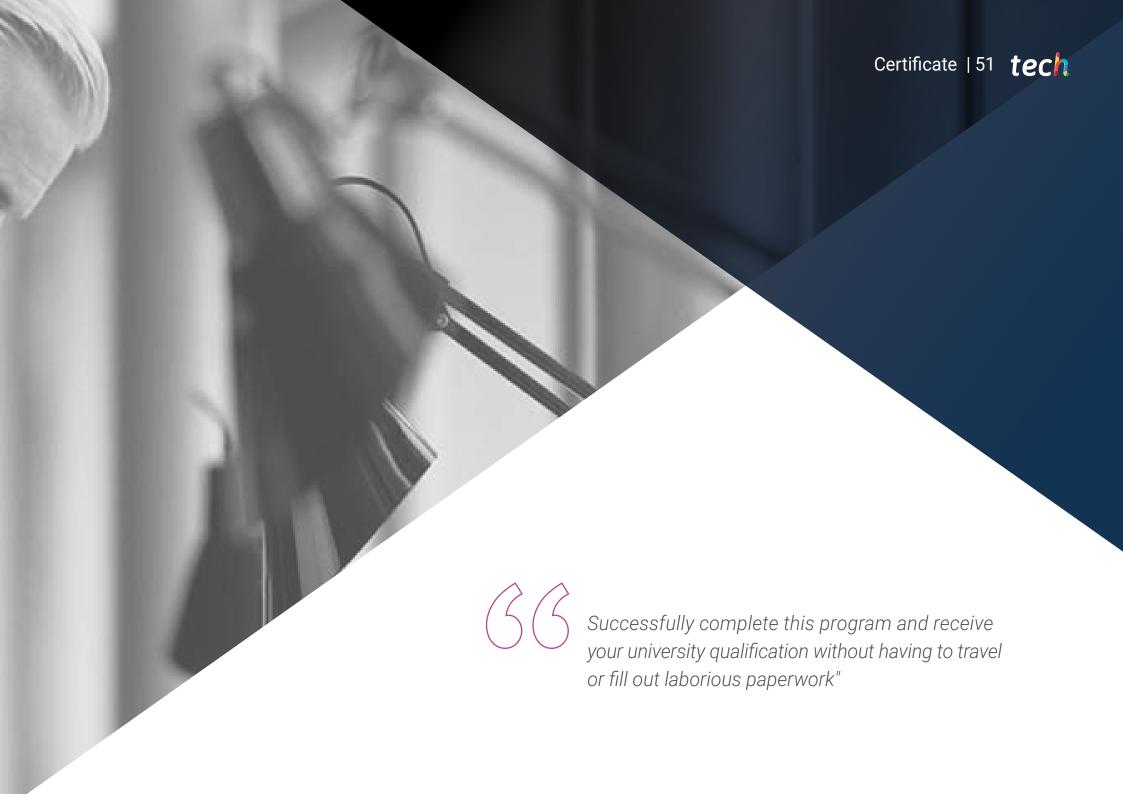
The professional can work on a real project or develop new projects in the field of R & D or business development of your company.



Increased competitiveness

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





tech 52 | Certificate

This program will allow you to obtain your **Postgraduate Diploma in Cryptocurrency and Blockchain Analysis** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University is an official European University publicly recognized by the Government of Andorra (*official bulletin*). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: Postgraduate Diploma in Cryptocurrency and Blockchain Analysis

Modality: online

Duration: 6 months

Accreditation: 18 ECTS



Postgraduate Diploma in Cryptocurrency and Blockchain Analysis

This is a program of 450 hours of duration equivalent to 18 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024



^{*}Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.



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