

# Postgraduate Certificate

## NFTs and DeFi



## Postgraduate Certificate NFTs and DeFi

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online
- » Aimed at: University graduates who have previously completed any of the qualifications in the field of Computer Science, Economics, Finance, Technology, Innovation or *Blockchain* Research.

Website: [www.techtute.com/us/school-of-business/postgraduate-certificate/nfts-defi](http://www.techtute.com/us/school-of-business/postgraduate-certificate/nfts-defi)

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# 01

# Welcome

In a business context marked by digitization, NFTs and DeFi have a significant impact on organizations for multiple reasons. For example, through these strategies companies trade digital assets, such as artwork and real estate, more efficiently. As a result, institutions are increasingly demanding the incorporation of professionals in these fields to access virtual markets. To respond to this need, TECH has a pioneering program where executives have the necessary content to implement cutting-edge competencies. To this end, the program is based on a 100% online methodology that allows students to customize their studies.



Postgraduate Certificate in NFTs and DeFi  
TECH Global University



“

*Boost your career in the framework of NFTs and DeFi with this 100% online Postgraduate Certificate and access the executive position you are looking for"*

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 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** 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

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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 Global University community.

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

# 04 Objectives

This syllabus will delve deeper into how DeFi is currently redefining financial operations, economic inclusion and traditional intermediation. Students will overcome investment challenges by far and participate in the NFT market by taking advantage of the possibilities it offers. In addition, graduates will apply sustainable approaches to their crypto projects to generate the minimum environmental impact.



“

*Your professional goals are just a click away. Don't miss out and enroll now in this Postgraduate Certificate"*

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

The Postgraduate Certificate in NFTs and DeFi enable the students to:

01

Acquisition of the skills necessary to maximize passive income through the effective implementation of DeFi strategies

04

Applying the latest trends in yield farming and participation in DAOs

02

In-depth understanding of advanced DeFi strategies and passive income in the cryptocurrency and blockchainecosystem

03

Identifying DeFi's advantages, including global access and transparency, and analyzing challenges, such as security and regulation

05

Proficiency in a variety of digital wallets, executing rigorous security practices





06

Ability to research case studies of hacks and losses of funds related to digital wallets to learn from common mistakes

08

Master the most popular lending and staking platforms, using them efficiently



09

Control of the essential strategies and tools used in yield farming in order to maximize returns on cryptocurrency investments

07

Understanding the fundamental concepts of cryptocurrency lending, including the process, types of loans, and interest rates

10

Application of the most commonly used DEX protocols such as Uniswap, SushiSwap and PancakeSwap

11

Understand the legal or regulatory implications of DEX and its relationship with financial and supervisory authorities

12

Acquisition of specialized knowledge on how to evaluate and select suitable assets for tokenization





13

Insight into how DeFi is redefining financial transactions, economic inclusion and traditional intermediation

14

Assessment of the risks, challenges and opportunities in the crypto space considering legal, ethical and sustainable aspects

05

# Structure and Content

The Postgraduate Certificate in NFTs and DeFi is based on a 100% online methodology, in order to adapt to the schedules of busy professionals. With this in mind, students will adapt the schedules and evaluation timelines to their personal schedules. In addition, the syllabus is complemented by a library full of multimedia materials to reinforce learning, including explanatory videos, interactive summaries and infographics.



“

*Relearning, a method in which  
TECH is a pioneer, will provide  
you with the mastery of complex  
concepts in a fast and flexible way”*

## Syllabus

This training will delve into two of the most disruptive developments in the blockchain ecosystem: non-fungible tokens and decentralized finance.

Throughout the program, students will delve into how such digital assets are transforming classical finance by enabling participation in financial services through smart contracts.

In addition, the syllabus will foster both innovation and creativity at DeFi. This will encourage students to strive to design strategies that will make a difference in the financial industry.

Through 180 hours of training, students will gain new skills to excel in the world of cryptocurrencies. These include trading, research and networking skills. With the supervision of the best teachers, students will develop new applications and emerging ecosystems. In this way, graduates will meet future challenges that come their way successfully.

This Postgraduate Certificate is developed over 6 weeks and is divided into 1 module:

### Module 1

NFTs and DeFi



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

TECH offers the possibility of developing this Postgraduate Certificate in NFTs and DeFi 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 the students 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. NFTs and DeFi**

**1.1. Non Fungible Token Technology (NFTs)**

- 1.1.1. NFT Standards and Protocols
- 1.1.2. NFT markets and platforms
- 1.1.3. Technical operation of NFTs

**1.2. NFT use cases**

- 1.2.1. NFTs in digital art
- 1.2.2. NFTs in video games
- 1.2.3. Authentication and provenance of digital assets

**1.3. Investment in NFTs**

- 1.3.1. Investment opportunities and risks
- 1.3.2. Acquisition and sale strategies
- 1.3.3. NFTs as an asset class

**1.4. Decentralized Finance (DeFi)**

- 1.4.1. Loans in DeFi
- 1.4.2. Decentralized Exchanges (DEX)
- 1.4.3. Yield farming *and* staking in DeFi

**1.5. Risk management in DeFi**

- 1.5.1. Threats and vulnerabilities
- 1.5.2. Security measures in DeFi
- 1.5.3. Risk mitigation practices

**1.6. Interoperability and synergies between NFTs and DeFi**

- 1.6.1. Use of NFTs in DeFi applications
- 1.6.2. NFTs as collateral in DeFi loans
- 1.6.3. Creation of DeFi asset-backed NFTs

**1.7. Intellectual property and NFTs**

- 1.7.1. Legal and ethical implications
- 1.7.2. Copyright and NFT licenses
- 1.7.3. Notable cases of intellectual property in NFTs

**1.8. Financial inclusion and disintermediation at DeFi**

- 1.8.1. Global access to financial services
- 1.8.2. Reduction of intermediaries in financial transactions
- 1.8.3. DeFi as a tool for economic empowerment

**1.9. Trends and future of NFTs and DeFi**

- 1.9.1. Technological evolution and adoption of NFTs and DeFi
- 1.9.2. New applications and emerging ecosystems
- 1.9.3. Future challenges and opportunities

**1.10. Ethics and sustainability in the use of NFTs and DeFi**

- 1.10.1. Ethical Considerations in NFTs and DeFi
- 1.10.2. Environmental impact of blockchain and cryptocurrencies
- 1.10.3. Sustainable approaches in the crypto space





“

*This Postgraduate Certificate will be accessible 24 hours a day. Enroll now and organize your learning according to your schedule and personal obligations”*

# 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.



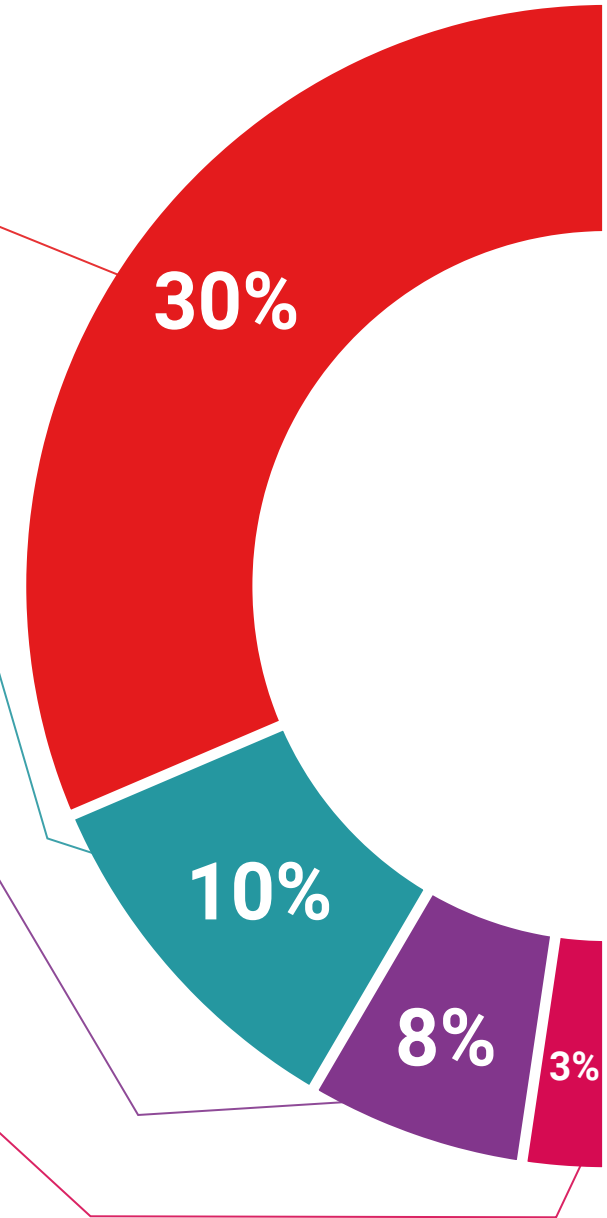
### Management Skills Exercises

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, postgraduates and degree holders who have previously completed any of the qualifications in the field of Computer Science, Economics, Finance, Technology, Innovation or Research in Blockchain.

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

Professionals who, being university graduates in any area, have two years of work experience in the field of entrepreneurship and project development, can also take the Postgraduate Certificate.





“

*Do you want to learn more  
about copyrights and NFT  
licenses? Achieve it with TECH”*

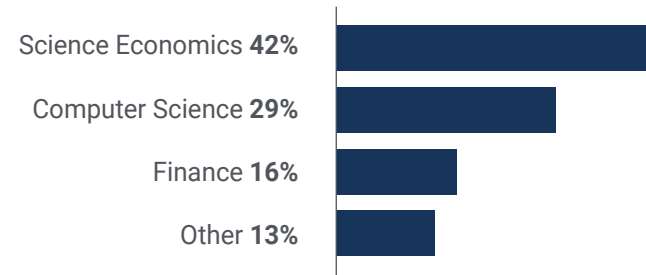
### Average Age

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

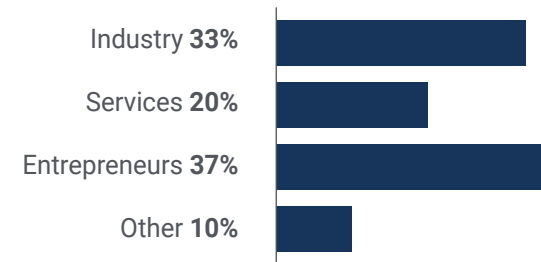
### Years of Experience



### Training

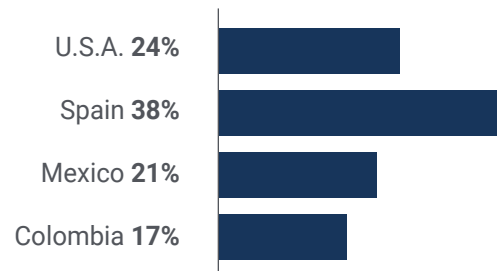


### Academic Profile



## Geographical Distribution

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## Pilar Santana Rodríguez

*Computer Scientist and Social Media Expert*

*"The Postgraduate Certificate in NTFs and DeFi has been a unique opportunity to learn about emerging trends in the financial world. I am looking forward to applying the strategies I have extracted in my professional career"*

08

# Course Management

The professors of this program have extensive backgrounds in the economic and financial fields. Their experiences in these areas have led them to the natural search for strategies and innovations that allow the integration of digital resources to the functioning of banking, transactional operations, among others. Thanks to the training of its experts, this university program stands out in the academic panorama for having the most updated syllabus and for handling the most disruptive concepts and technologies.





“

*This teaching staff of TECH has  
the most prestigious professionals  
in the digital financial field"*

## Management



### Mr. Hernández Blanco, Miguel

- ♦ CEO at Traders Business School
- ♦ *Financial Trader*
- ♦ COO *Trading Mentor*
- ♦ Postgraduate Diploma in Business Strategies, New Project Development and Financial Management
- ♦ Official Master's Degree in Finance and Banking from Pablo de Olavide University
- ♦ Official Master's Degree in *Blockchain* and *Fintech* by the European Institute of Business School
- ♦ Graduate in Economics from the University of Seville

## Professors

### Ms. Fernández Olmedo, María Isabel

- ♦ Specialist in Economic History and the Financial Sector
- ♦ Professor of Economic History and its Impact on Markets
- ♦ Official Master's Degree in Teaching MAES by the University of Nebrija
- ♦ Graduate in History from the Pablo de Olavide University





09

# Impact on Your Career

This program in NFTs and DeFi will have a positive impact on students' careers. Thanks to the quality of the contents and the support of the teachers, these professionals will apply the most effective and innovative strategies in the field of decentralized finance to their projects. They will therefore achieve both short and long term growth in the crypto market.



“

*This program will allow you to achieve your professional goals in only 180 hours. Seize the opportunity and enroll!"*

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

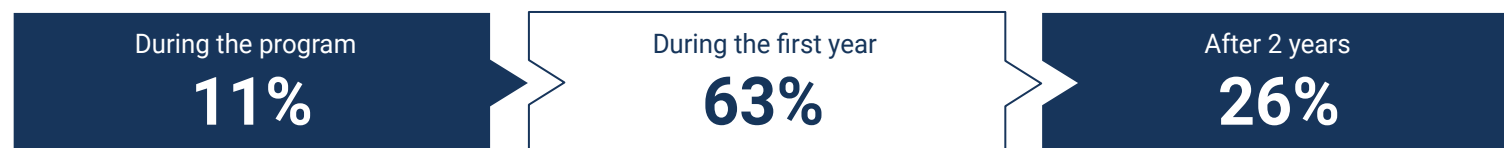
TECH's Postgraduate Certificate in NFTs and DeFi is an intensive program that prepares you to face challenges and business decisions in the field of DeFi. The main objective is to promote your personal and professional growth. Helping you achieve success!

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.

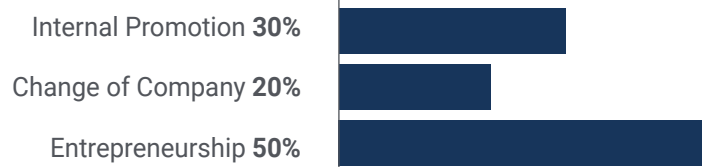
*Get up to date on the latest trends in the PancakeSwap protocol with this pioneering program.*

*Do you want to make a difference in your business environment? Bet on TECH and get it in 6 weeks.*

#### When the change occurs



#### Type of change



## Salary increase

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This program represents a salary increase of more than **26.24%** for our students





10

# Benefits for Your Company

This program contributes to elevating the organization's talent to its maximum potential through the instruction of high-level leaders.

In addition, participating in this university option is a unique opportunity to access a powerful network of contacts in which to find future professional partners, customers or suppliers.



“

*Don't wait any longer and join TECH to become a successful financial manager in the new digital economic context"*

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 NFTs and DeFi guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



“

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

This program will allow you to obtain your **Postgraduate Certificate in NFTs and DeFi** 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 Certificate in NFTs and DeFi**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**





## Postgraduate Certificate NFTs and DeFi

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