

# Postgraduate Certificate

Loans and Staking  
Applied to DeFi



## Postgraduate Certificate Loans and Staking Applied to DeFi

- » 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 programs in the field of Computer Science, Economics, Finance, Technology, Innovation or Blockchain Research.

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

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# 01 Welcome

The DeFi field is booming due to the advancement of new technologies such as digital platforms. In this context, professionals need to acquire a deep knowledge in lending and *staking* applied to this field. In this way, they will eliminate traditional financial intermediaries such as banks, reducing both fees and waiting times in transactions. For this reason, TECH implements a pioneering training that will help experts to generate passive income through cryptocurrencies. The syllabus will be characterized by contributing to the latest trends in DeFi, so that graduates get the most contemporary resources and apply it to their projects. In addition, the course is based on a 100% methodology for the convenience of the students.



Postgraduate Certificate in Loans and Staking Applied to DeFi  
TECH Technological University



“

*You'll maximize staking rewards  
at the world's best digital  
university according to Forbes”*

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

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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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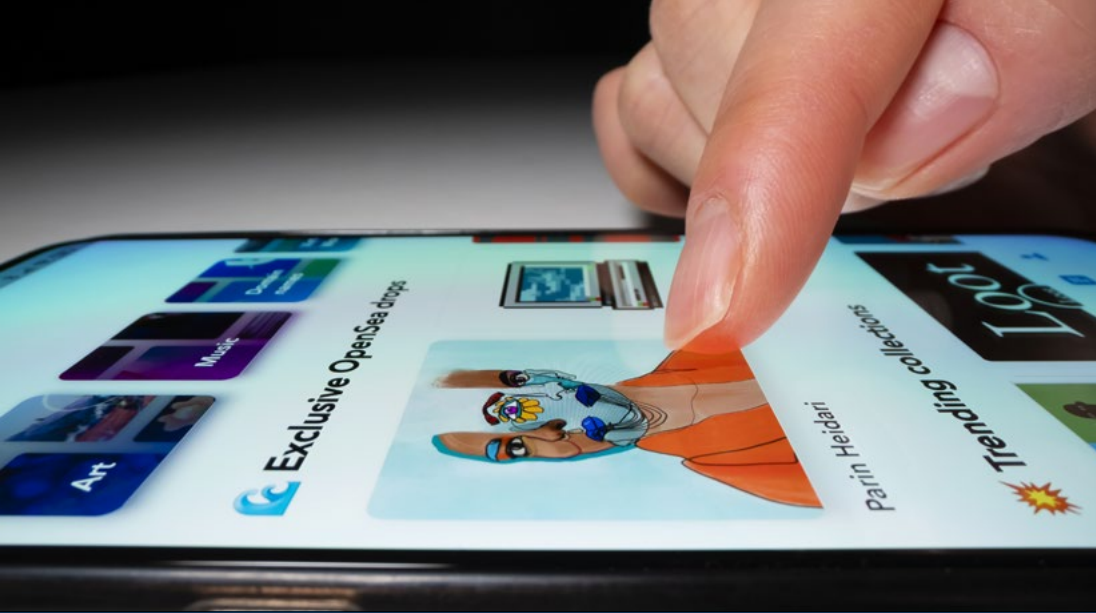
TECH offers students the best online learning methodology. The university combines the *Relearning* methodology (the most internationally recognized postgraduate learning methodology) with Harvard Business School case studies. A complex balance of traditional and state-of-the-art methods, within the most demanding academic framework.



### 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 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

This curriculum, developed by a prestigious cadre of faculty, will engage entrants in the decentralized economy with insight. In addition to generating passive income, students will analyze real case studies to learn from concrete experiences and apply that knowledge in practical passive income situations. Upon completion of the training, students will be qualified to identify new DeFi investment opportunities in the crypto ecosystem. All this in just 150 hours of online learning.



“

*Reach your goals with the best university: TECH will offer you with the tools you need to successfully develop this program”*

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

The **Postgraduate Certificate in Loans and Staking Applied to DeFi** will enable the student to:

01

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

04

Application of the latest yield farming trends and participation in DAOs

02

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

03

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

05

Proficiency with 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

Mastery of 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 the returns of 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

Understanding of 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

Perception of how DeFi is redefining financial operations, economic inclusion and traditional intermediation

14

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

05

# Structure and Content

The Postgraduate Certificate in Lending and Staking Applied to DeFi is a program that is specifically oriented to advanced knowledge on taxes related to cryptocurrencies at an international level. Therefore, this program emphasizes a theoretical-practical approach backed by the solid knowledge and extensive experience of a fully specialized teaching staff.



“

*Expert curriculum and quality content are  
the key to your learning success”*

## Syllabus

The Postgraduate Certificate in Lending and Staking Applied to DeFi focuses on advanced aspects of the Blockchain ecosystem. Given this, this module delves into two fundamental practices: cryptocurrency lending and Staking. In this way, students will hold their digital assets, while generating active income and delving into the decentralized economy. In addition, the syllabus analyzes both the opportunities and risks related to these digital practices.

Through 150 hours of training, students will identify portfolio diversification possibilities. They will also be able to evaluate risk factors by mastering the most modern data analysis tools. All this based on ethical principles, which will safeguard the interests of users and avoid misleading practices such as fraud. In this way, graduates will actively participate in the cryptographic community and differentiate themselves from the rest by executing innovative tactics.

This academic pathway is designed for you to aspire to occupational excellence. Keeping in mind the competition that exists in the market, students will implement diversification strategies to acquire competitive advantages. In this way, they will make the leap to prestigious international companies.

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

### Module 1

#### Loans and Staking Applied to DeFi



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

TECH offers the possibility of developing this program in Loans and Staking Applied to 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.** Loans and Staking Applied to DeFi

**1.1. Lending Mechanisms in Cryptocurrencies**

- 1.1.1. Collateralized Loans
- 1.1.2. Loans without Collateral (*Flash Loans*)
- 1.1.3. P2P Lending Platforms

**1.2. Staking as Validation and Rewards**

- 1.2.1. Functioning of Staking
- 1.2.2. Participation in the Security of Blockchain Networks
- 1.2.3. Reward Generation

**1.3. Economic Implications of Loans and Staking**

- 1.3.1. Profitability and Risk
- 1.3.2. Comparison with Traditional Investments
- 1.3.3. Diversification of Digital Assets

**1.4. Staking and Lending Platforms**

- 1.4.1. Reliable Platform Selection
- 1.4.2. Account Registration and Configuration
- 1.4.3. Participation in Loans and Staking

**1.5. International Legal and Tax Considerations**

- 1.5.1. International Jurisdictions and Regulations
- 1.5.2. Taxes related to Cryptocurrency on the International Level
- 1.5.3. International Regulatory Compliance

**1.6. Examples of Success in Loans and Staking Applied to DeFi**

- 1.6.1. Examples of Success in Loans and *Staking*
- 1.6.2. Lessons Learned from Past Problems
- 1.6.3. Risks and Rewards in Practice

**1.7. Advanced Strategies in Staking**

- 1.7.1. Maximizing Rewards
- 1.7.2. Diversification Strategies
- 1.7.3. Risk and Portfolio Management

**1.8. Security and Private Key Practices**

- 1.8.1. Protection of Private Keys in *Staking*
- 1.8.2. Secure Storage
- 1.8.3. Recovery of Funds

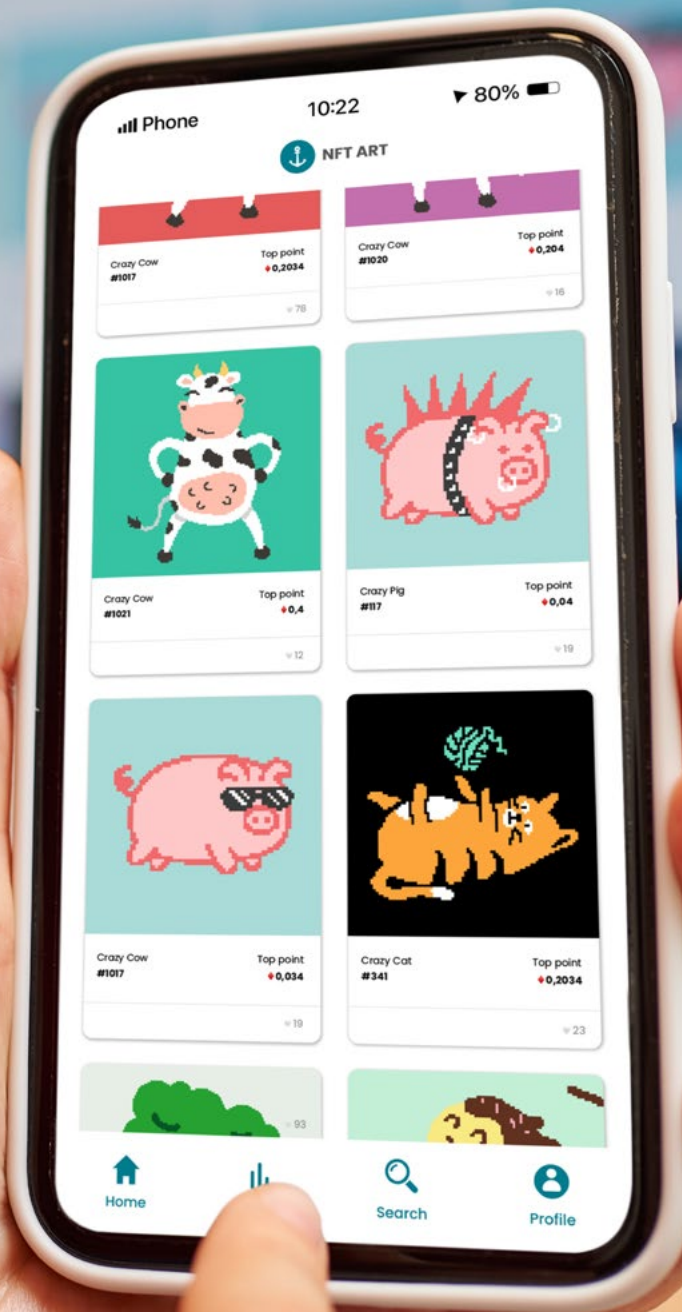
**1.9. Liquidity and Performance Strategies**

- 1.9.1. Liquidity Providers
- 1.9.2. Performance Aggregation Strategies
- 1.9.3. Profit Maximization in DeFi

**1.10. The Future of Loans and Staking**

- 1.10.1. Emerging Trends in Loans and *Staking*
- 1.10.2. Integration with the Global Economy
- 1.10.3. Long-Term Perspectives





“

*With TECH you find the updates you need to continue growing in the area of Loans and Staking applied to DeFi”*

# 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.



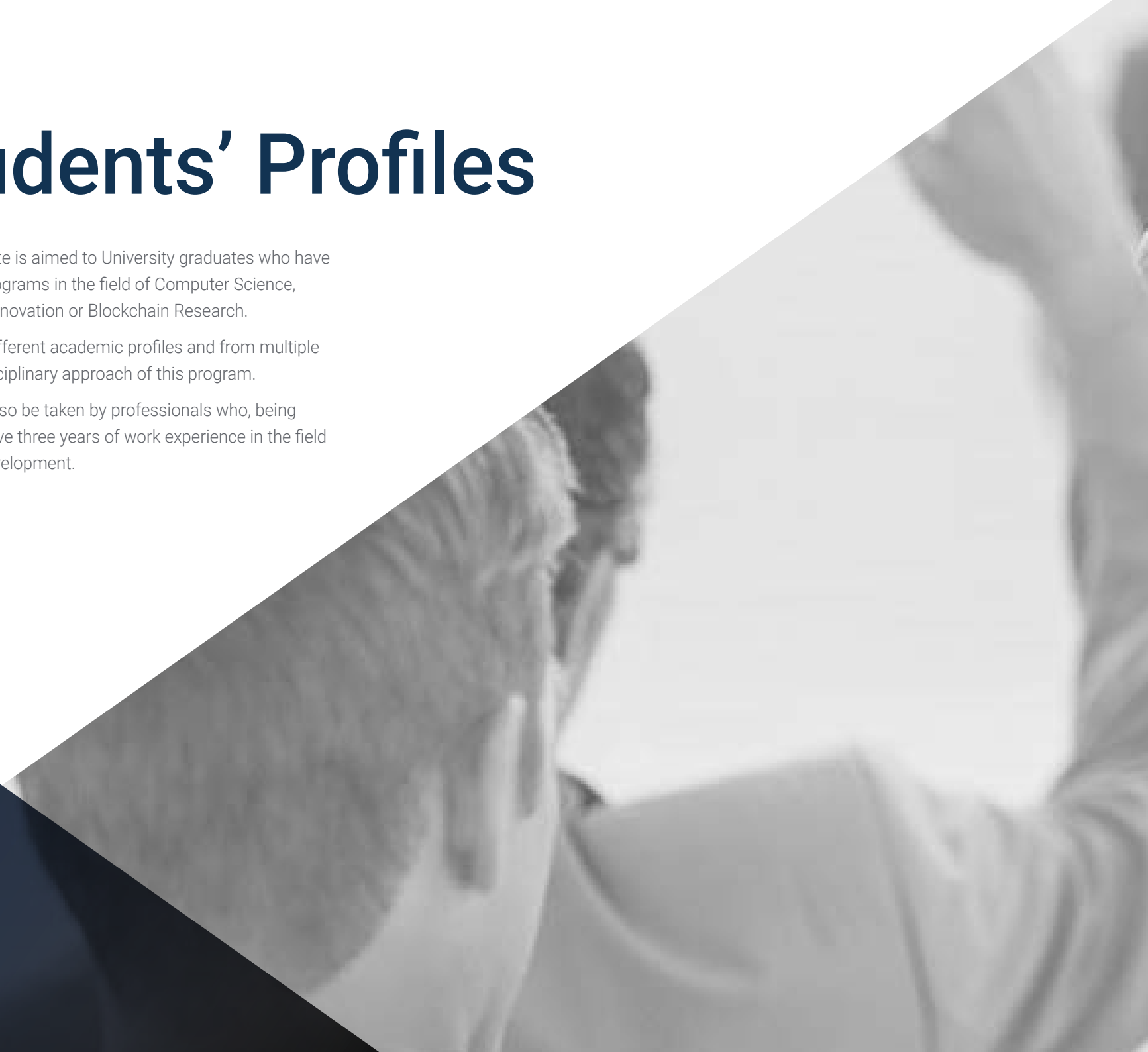
07

# Our Students' Profiles

The present Postgraduate Certificate is aimed to University graduates who have previously completed any of the programs in the field of Computer Science, Economics, Finance, Technology, Innovation or Blockchain Research.

The diversity of participants with different academic profiles and from multiple nationalities makes up the multidisciplinary approach of this program.

The Postgraduate Certificate can also be taken by professionals who, being university graduates in any field, have three years of work experience in the field of entrepreneurship and project development.





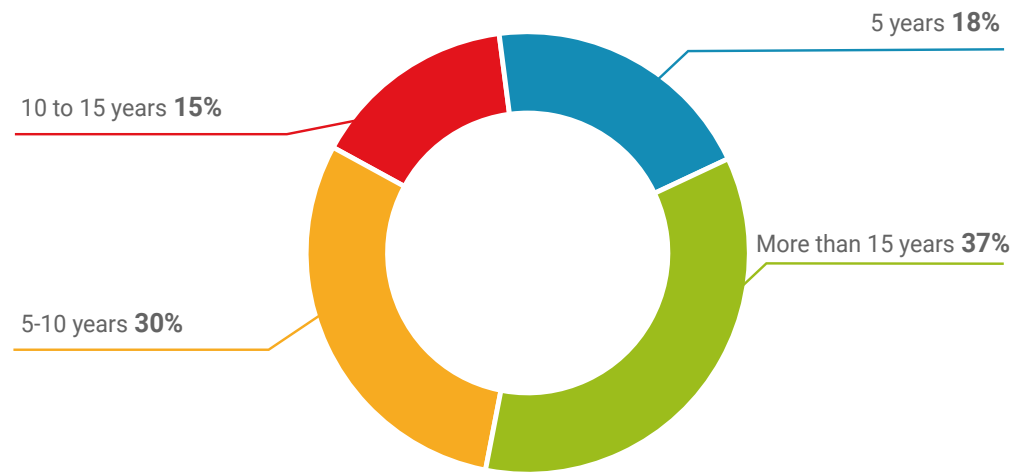
“

*Do you want to know the latest trends in Inversions Strategies? Achieve it thanks to this innovative program”*

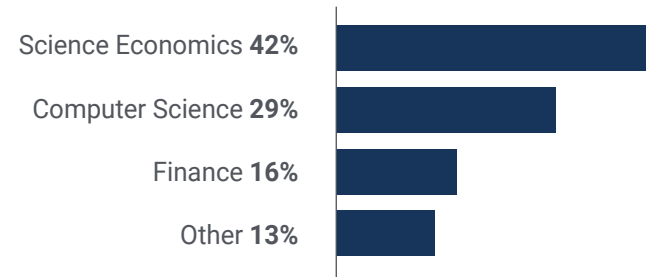
### Average Age

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

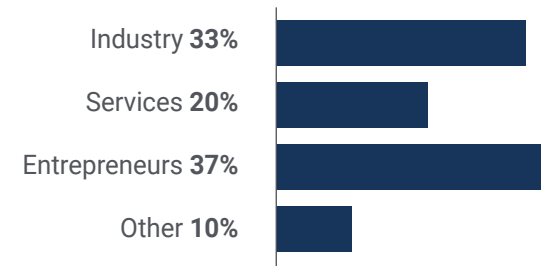
### Years of Experience



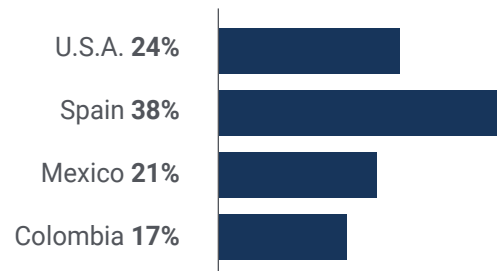
### Training



### Educational Profile



## Geographical Distribution



## Pablo Díaz Fernández

Postgraduate Diploma in Business Administration and Management

*I want to share my positive experience in the Postgraduate Certificate in Loans and Staking Applied to DeFi. It has been an exceptional educational experience, which has enriched my knowledge and abilities in the world of decentralized finance. I recommend it!"*

08

# Course Management

In its commitment to offer the highest quality education, TECH has assembled a renowned teaching of prestigious staff. These experts in Loans and Staking applied to DeFi have an extensive professional background, which has allowed them to deepen their knowledge in depth and in this way have expanded their knowledge in order to stay at the forefront in this area of knowledge. Therefore, in this training the students will be able to face the difficulties that may arise during the course of the program.





“

*You will have the support of the best and most qualified team specialized in technical and conceptual bases for the elaboration of processes and tax returns in only 6 weeks of online training”*

## Management



### Mr. Hernández Blanco, Miguel

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

## Professors

### Ms. Osuna Bravo, Marta

- ♦ Banking Manager at CaixaBank
- ♦ International Tax and Compliance Advisor
- ♦ Lecturer on Taxation in Cryptocurrency Trading
- ♦ Expert in Technical and conceptual bases for the elaboration of tax processes and declarations
- ♦ Graduate in Law from the University of Seville





09

# Impact on Your Career

This program in Loans and Staking Applied to DeFi will have a beneficial impact on students' professional careers. Therefore, the teachers that make up the training program have developed a syllabus where the quality of the materials and the acquisition of new skills stand out. In this way, students will be up to date with all the advances that have been produced in this field, which is evolving by leaps and bounds. In addition, the innovative teaching methodology integrated by TECH in its programs will allow students to achieve their professional goals in an optimal way.



“

*With the knowledge in Staking Applied to DeFi that you will acquire in this program, you will take your career to the summit of professional success”*

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

The program in Loans and Staking Applied to DeFi of TECH is an intensive training that prepares you to face challenges and institutional decisions in the field of Decentralized Finance. The main objective is to promote your personal and professional growth. Help you reach your goals.

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.

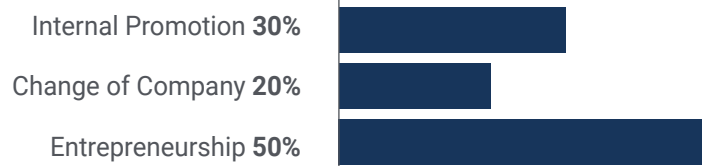
*Do you want to stand out for executing performance and liquidity strategies? Unleash your creativity at the top digital university according to Forbes.*

*You will delve into Blockchain networks and gain the most effective security methods.*

#### Time of Change



#### 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.



“

*In the digital era, managers must integrate new processes and strategies that bring about significant changes and organizational development. This is only possible through training and university and university updating”*

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 Loans and Staking Applied to DeFi guarantees, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



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

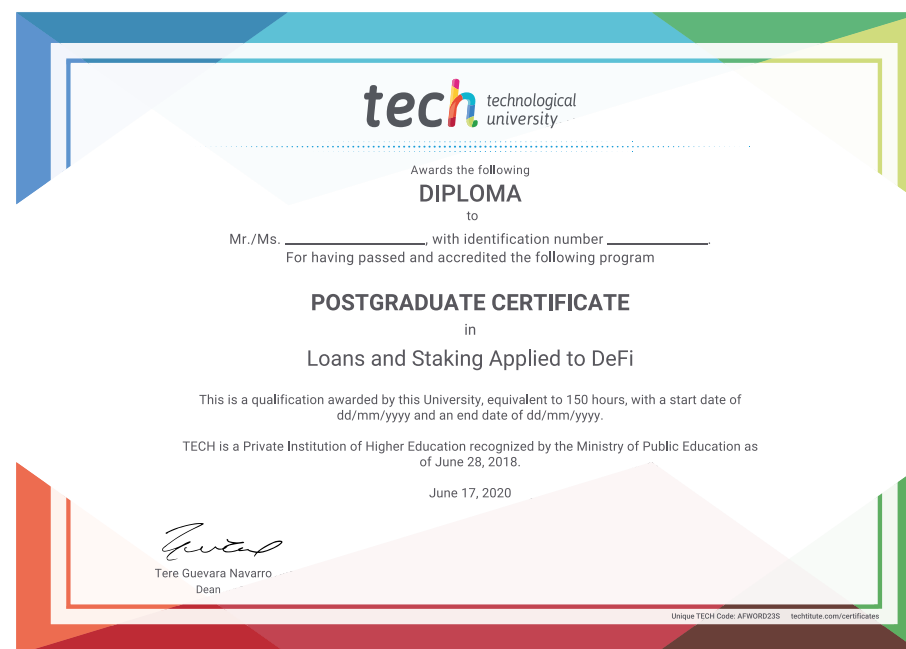
This **Postgraduate Certificate in Loans and Staking Applied to DeFi** contains the most complete and up-to-date program on the market.

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

The diploma 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 Loans and Staking Applied to DeFi**

Official N° of hours: **150 h.**



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



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# Postgraduate Certificate

Loans and Staking

Applied to DeFi