



and Passive Income

» Modality: online

» Duration: 6 months

» Certificate: TECH Technological University

» Dedication: 16h/week

» Schedule: at your own pace

» Exams: online

» Target Group: University graduates who have previously completed any of the degrees in the field of Computer Science, Economics, Finance, Technology, Innovation or Blockchain research

Website: www.techtitute.com/pk/school-of-business/postgraduate-diploma/postgraduate-diploma-digital-tokens-yield-farming-defi-passive-income

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# 01 **Welcome**

Yield farming has become an increasingly popular practice in the cryptocurrency and decentralized finance (DeFi) ecosystem. This strategy allows users to profit by locking their digital assets into lending or liquidity platforms. Its objective is to maximize returns by achieving benefits such as interest and tokens. Although this practice brings benefits, it also involves several risks including market volatility, security risk or the possibility of asset loss. It is therefore essential to understand the protocols before engaging in this strategy. All this, through the *Relearning* method and a very complete 100% online platform that offers the greatest flexibility and hourly convenience.









### tech 08 | Why Study at TECH?

### 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

+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.



### Why Study at TECH? | 09 tech

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



#### **Analysis**

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

TECH offers students the best online learning methodology.

of traditional and state-of-the-art methods, within the most

The university combines the Relearning methodology (the most

internationally recognized postgraduate learning methodology)

with Harvard Business School case studies. A complex balance



### 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.



### **Economy of Scale**

**Academic Excellence** 

demanding academic framework.

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.



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 Technological 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 Digital Tokens and Yield Farming applied to DeFi and Passive Income will enable students to:



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



Apply the latest yield farming trends and participation in DAOs



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





Identify DeFi's advantages, including global access and transparency, and analyze challenges, such as security and regulation



Master a variety of digital wallets, executing rigorous security practices



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



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



09

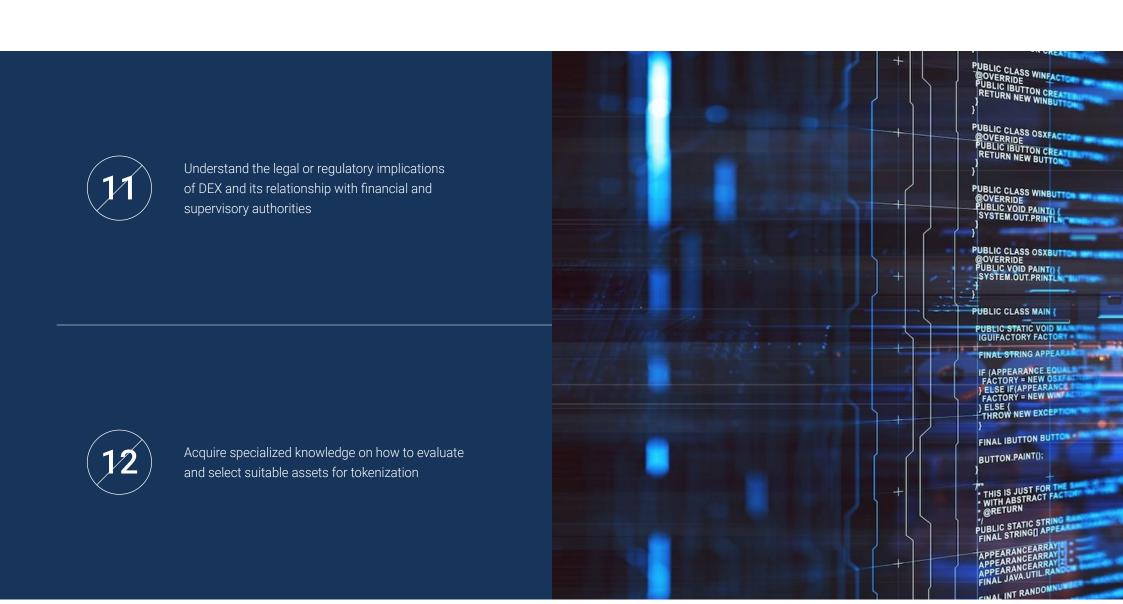
Gain control of the essential strategies and tools used in yield farming in order to maximize returns from cryptocurrency investments



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



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







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



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





### tech 22 | Structure and Content

### **Syllabus**

This Postgraduate Diploma is an intensive program that will provide students with a broad understanding of decentralized financial technology Structured in 3 complete modules, the syllabus will delve into key concepts for students to implement the most effective strategies for investing in cryptocurrencies.

This syllabus analyzes the operation of the most widely used platforms, including Ethereum and binance smart chain. It is also based on the latest trends in DeFi so that students can develop innovative strategies. In this way, the professional will also enhance their knowledge in the regulatory compliances of this technique, emphasizing the international tax and regulatory implications.

Through 6 months of online education, students will be prepared to face real-world challenges in the field of DeFi and passive income. Under the guidance of the best faculty, students will assess the risks related to these activities and make investment decisions from a holistic approach.

For this educational program, traders will be supported by the exclusive *Relearning* methodology. Through this, they will be able to examine complex concepts and assimilate their daily application in an instantaneous manner. At the same time, the program is offered through an innovative 100% online learning platform that is not subject to fixed schedules or continuous evaluation chronograms.

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

Module 1 Yield Farming applied to DeFi

Module 2 Liquidity and Decentralized Exchanges (DEX)

Module 3 Tokenization of Assets applied to DeFi and Passive Income



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

TECH offers the possibility of developing this Postgraduate Diploma in Digital Tokens and Yield Farming applied to DeFi and Passive Income 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 24 | Structure and Content

Module 1. Yield Farming applied to DeFi								
<b>1.1.</b> 1.1.1 1.1.2 1.1.3	_ 9 9	1.2.2. 1.2.3. 1.2.4.	and Protocols Ethereum and Binance Smart Chain (BSC) PancakeSwap, Uniswap and SushiSwap	1.3. 1.3.1. 1.3.2. 1.3.3.	Risk Management in Yield Farming Risks Inherent in Yield Farming Risk Mitigation Strategies Loss Case Studies in Yield Farming		<b>Yield Maximization Strategies</b> Basic Yield Farm Strategies Advanced Yield Farm Strategies Yield Farming Tools and Services	
1.5. 1.5.1 1.5.2 1.5.3		1.6.1. 1.6.2. 1.6.3.	in DeFi Innovations in DeFi Layer Integration	1.7. 1.7.1. 1.7.2. 1.7.3.	Successful Case Studies Case Study 1: Yearn Finance Case Study 2: Compound Finance Case Study 3: Aave	1.8. 1.8.1. 1.8.2. 1.8.3.	Future Outlook for Yield Farming Scalability and Sustainability Mergers and Acquisitions in the DeFi Space Interoperability with Other Blockchains	
1.9.1 1.9.2 1.9.3	3 1	1.10.2 1.10.2	Practical Exercises of Yield Farming     Creating a DeFi Wallet     Participating in a Yield Farming Platform     Analysis of Results and Lessons Learned					

Module 2. Liquidity and Decentralized Markets (DEX)							
<b>2.1.</b> 2.1.1. 2.1.2. 2.1.3.	Liquidity Optimization Strategies	<ul><li>2.2.</li><li>2.2.1.</li><li>2.2.2.</li><li>2.2.3.</li></ul>	The Decentralized Exchanges and its Functioning Key Differences between DEX and Centralized Exchanges (CEX)	<b>2.3.</b> 2.3.1. 2.3.2. 2.3.3.	Popular DEX Platforms Uniswap and their Role in the DeFi Revolution SushiSwap and their Governance Model PancakeSwap and the DEX in Binance Smart Chain (BSC)	2.4.2.	Role and Motivations of Liquidity Providers (LP)
<b>2.5.</b> 2.5.1. 2.5.2. 2.5.3.	DEX on Binance Smart Chain (BSC)	<b>2.6.</b> 2.6.1. 2.6.2. 2.6.3.	Risks and Security Measures in DEX Common Attacks and Vulnerabilities in DEX Security Strategies for DEX Users Smart Contract Audits	2.7.1. 2.7.2. 2.7.3.	Regulation and International Legal Framework in DEX Legal Considerations for DEX Operators and Users at an International Level Regulatory Compliance in a DEX Environment Regulatory Challenges in Global Markets	2.8.1. 2.8.2. 2.8.3.	in DEX
2.9.1. 2.9.2. 2.9.3.	1 7	2.10.1 2.10.2	. Successful DEX Case Studies . Case Study 1: Uniswap and the Rise of AMM 2. Case Study 2: PancakeSwap and the Experience in Binance Smart Chain 3. Case Study 3: SushiSwap and Community Governance				

Module 3. Tokenization of Assets applied to DeFi and Passive Income							
3.1.	Tokenization of Physical Assets in DeFi	3.2.	Tokenization of Securities and Stocks in the DeFi Context	3.3.	Art and Collectibles Tokenization in DeFi	3.4.	DeFi Platforms and Solutions for Tokenization
3.1.1.	Generation	3.2.1.	Tokenization of Company Stocks and Dividend Generation	3.3.1. 3.3.2.	Tokenization of Artworks and Passive Income NFT and its Role in Investment and Income		Leading DeFi Platforms for Asset Tokenization Interoperability of Tokens in the
3.1.2.	DeFi Platforms for Investment in Physical Tokenized Assets	3.2.2. 3.2.3.	DeFi and Company Ownership Participation	3.3.3.	Generation DeFi Markets for Cultural and	2.4.2	DeFi Ecosystem Tachnical Infractructure and Security
3.1.3.	Performance and Risks in the Tokenization of Real Assets	3.2.3.	Development of DeFi Projects Focused on Securities Tokenization	3.3.3.	Collectible Assets	3.4.3.	Technical Infrastructure and Security Measures in DeFi
3.5.	Secondary Markets and Passive Income Generation in DeFi	3.6.	Risks and Challenges in Tokenization in the DeFi Context	3.7.	Trends and Future of Tokenization in the DeFi Ecosystem	3.8.	Success Stories in DeFi Passive Income Generation
3.5.1. 3.5.2.	Development of Secondary Markets in DeFi Liquidity and Income Generation Opportunities	3.6.1.	International Regulatory and Legal Challenges Specific to DeFi	3.7.1. 3.7.2.	Emerging Trends in Asset Tokenization in DeFi DeFi Integration with Tokenized Assets and	3.8.1.	Success Stories in Real Estate Tokenization with DeFi
3.5.3.	Examples of Passive Investments and Case Studies in DeFi	3.6.2.	Security of Tokenized Assets in the DeFi Ecosystem	3.7.3.	Income Optimization Future Outlook for Income Generation in the	3.8.2.	Successful Experiences in Equity Investing with DeFi
		3.6.3.	DeFi Loss Cases and Lessons Learned		DeFi Ecosystem	3.8.3.	Outstanding Cases of Passive Income Generation in Tokenized Art
3.9.	International Regulation in DeFi	3.10.	Practical Exercises and				
3.9.1.	Challenges and Regulatory Outlook in the International Context		Applications of Tokenization applied to DeFi				
3.9.2. 3.9.3.	Global Regulators and their approach to DeFi Regulatory Harmonization and International Standards	3.10.2	Creation of Tokens in a Test Network Participation in a Secondary Token Market Design and Presentation of a Fictitious Tokenization Project				





Without fixed schedules or evaluation timelines: this is what this TECH program is all about"



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 30 | 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 32 | Methodology

### Relearning Methodology

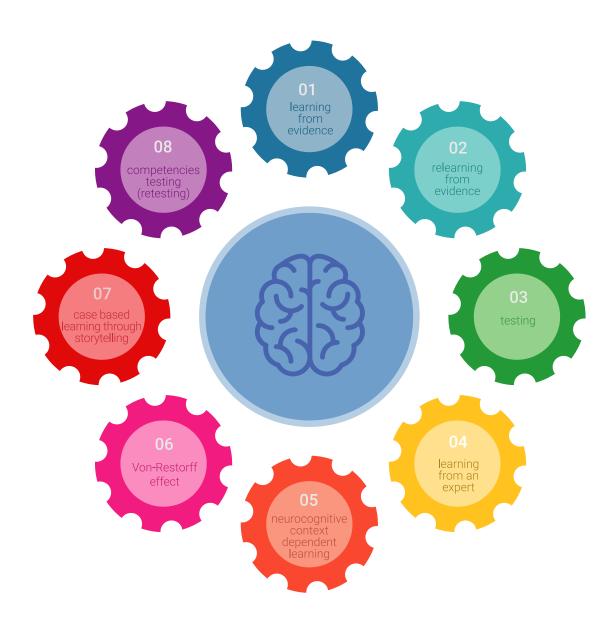
TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

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 | 33 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.

### tech 34 | Methodology

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.



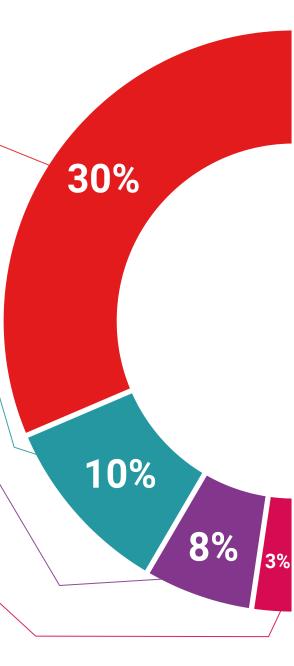
### **Management Skills Exercises**

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.

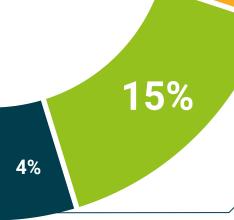


This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".

#### **Testing & Retesting**

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.



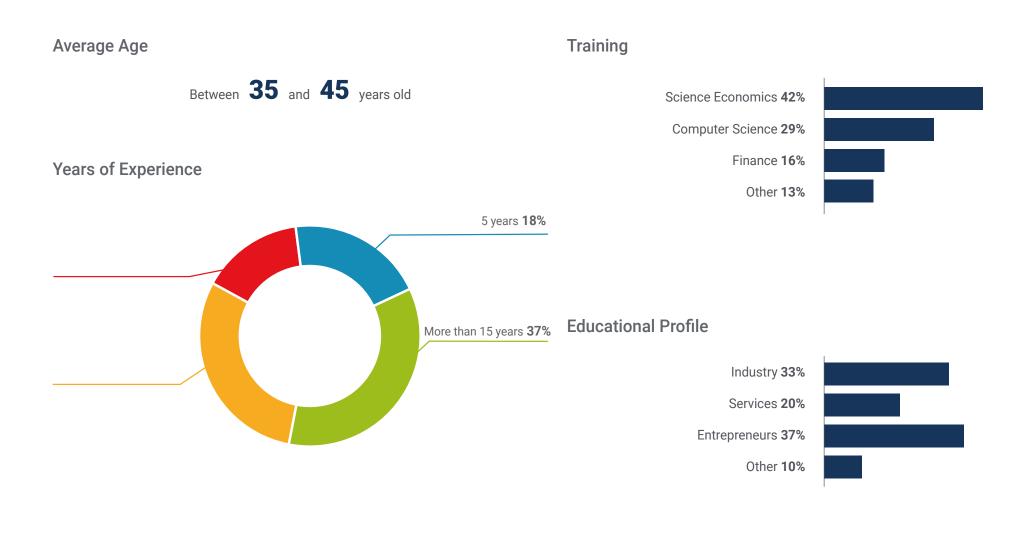


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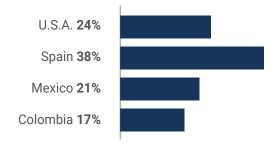




# tech 38 | Our Students' Profiles



# **Geographical Distribution**





# Verónica García Yanes

Computer scientist and digital entrepreneur

I would like to express my satisfaction for having completed the Postgraduate Diploma in Digital Tokens and Yield Farming applied to DeFi and Passive Income. It has been an exceptional educational experience, which has broadened my understanding of how to make the most of opportunities in the world of decentralized finance"





# tech 42 | Course Management

#### Management



## Mr. Hernández Blanco, Miguel

- CEO at Traders Business School
- Financial Trader
- COO Trading Mentor
- Expert 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 from the European Institute of Business School
- Degree in Economics from the University of Seville

#### **Professors**

#### Mr. Palma Sánchez, Alejandro

- Cryptocurrency Training Director
- Specialist in Advanced Cryptocurrency Trading
- Expert in Quantitative Data Analysis Techniques in Social Sciences
- Master's Degree in Applied Economic Analysis from the University of Alcalá de Henares
- Degree in Economics from the University of Seville

#### Mr. Villa Damas, Alejandro

- Risk Analyst at Servinform
- COO at Roommates
- External Advisor on Corporate Strategy and Expansion
- Specialist in Technical and Conceptual Bases for the Elaboration of Scientific Articles
- Official Master's Degree in Trading and Stock Exchange by Traders Business School
- Degree in Economics from the University of Seville







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

TECH's Postgraduate Diploma in Digital Tokens and Yield Farming applied to DeFi and Passive Income is an intensive program that prepares you to face challenges and business decisions in the field of Decentralized Finance. 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.

Without fixed schedules or evaluation timelines: this is what this TECH program is all about"

Do you want to experience a leap in quality in your knowledge? With TECH you will optimize the yield of liquidity rewards.

#### **Time of Change**



#### Type of change



# Salary increase

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

\$52,000

A salary increase of

26.24%

\$65,644





# tech 50 | 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 54 | Certificate

This Postgraduate Diploma in Digital Tokens and Yield Farming applied to DeFi and Passive Income 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 Diploma** issued by **TECH Technological University** via tracked delivery\*.

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

Title: Postgraduate Diploma in Digital Tokens and Yield Farming applied to DeFi and Passive Income

Official No of hours: 450 h.



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



# Postgraduate Diploma Digital Tokens and Yield Farming applied to DeFi and Passive Income

» Modality: online

» Duration: 6 months

» Certificate: TECH Technological University

» Dedication: 16h/week

» Schedule: at your own pace

» Exams: online

