

# Postgraduate Certificate

## DEFI in Gamified Decentralized Markets



## Postgraduate Certificate DEFI in Gamified Decentralized Markets

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online
- » Target Group: University Graduates, Graduates and Undergraduates who have previously completed any of the programs in the fields of Social and Legal Sciences, Administrative and Business Sciences.

Website: [www.techtitude.com/us/school-of-business/postgraduate-certificate/defi-gamified-decentralized-markets](http://www.techtitude.com/us/school-of-business/postgraduate-certificate/defi-gamified-decentralized-markets)

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# 01 Welcome

DeFi has experienced a great popularity in the field of video games in recent years. In this way, the titles that include this type of finance are excellent tools to earn money in a playful way, which leads more and more *gamers* to opt for their consumption. Faced with this innovative opportunity for gamified development, many companies in the industry need specialists with high skills in this field in order to with high competencies in this field to increase their reach and success among the public. For this reason, TECH Global University has created this program, through which the student will delve into the keys of the DeFi markets and will master its various applications. In this way, they will improve their professional prospects in this area in a 100% online mode and without timetables.



Postgraduate Diploma in DEFI in Gamified Decentralized Markets.  
TECH Global University



“

*Become a highly skilled expert in the field of DeFi to increase your career prospects in the Gamification industry”*

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

---

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* 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

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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 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"*

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 program offers specialized education in the emerging field of decentralized finance applied in the Gamification environment. Through themselves , the students will be able to know the key elements of gamified decentralized markets, deepen in its components or delve into strategies to minimize the risks of this type of finance. Upon completion, students will be able to apply their knowledge and skills in the development of innovative solutions and effective strategies in these projects.



“

*The Postgraduate Certificate in DEFI and Gamified Decentralized Markets prepares you to lead innovative solutions and effective strategies in projects of this nature”*

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

The **Postgraduate Certificate in DeFi in Gamified Decentralized Markets** will enable the student to:

01

Acquire the necessary knowledge to make use of  
DeFi-based projects

02

Identify the advantages that decentralized finance offers  
to the gamified economy

03

Identify the different levels of risk that can be  
assumed in the use of DeFi





04

Describe how decentralized markets constitute applications framed in the DeFi

05

Identify the layers relevant to the gamified economy sector

06

Select types of ad hoc networks with the proposed objectives when planning a gamified economy project

05

# Structure and Content

The Postgraduate Certificate in DEFI in Gamified Decentralized Markets will enable the professional to learn the key elements of decentralized gamified markets. The program is taught in a 100% online format, which allows students to organize the academic content in a flexible way and adapt to their schedules and individual needs, fully optimizing the learning process.



“

*Enjoy a 100% online teaching  
modality that will allow you to  
study from your own home”*

## Syllabus

TECH's Technological University's Postgraduate Certificate in DEFI in Decentralized Gamified Markets is designed to prepare students to meet the business challenges in this emerging field. To achieve this, the content of the program is oriented to develop managerial skills that enable more rigorous decision making in uncertain environments.

Students have the opportunity to analyze a wide variety of case studies through individual and team work, which gives them an authentic immersion in real business situations.

This Postgraduate Certificate deals in depth with market decentralization, DeFi Components, the intricacies of decentralized exchanges and the risks to be taken into account when setting up such operations.

The program's syllabus is therefore focused on the needs of professionals and their companies, and is designed to prepare students to achieve excellence in the field of leadership and business management. Additionally, it is supported by the best educational methodology and an exceptional faculty that will provide skills to solve critical situations in a creative and efficient way.

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

### Module 1

### DeFi



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

TECH Global University offers the possibility of developing this Postgraduate Certificate in DEFI in Gamified Decentralized Markets 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 educational experience, key and decisive to boost your professional development and make the definitive leap.*

## Module 1. DeFi

### 1.1. DeFi

- 1.1.1. DeFi
- 1.1.2. Origin
- 1.1.3. Criticism

### 1.2. Market Decentralization

- 1.2.1. Economic Advantages
- 1.2.2. Creation of Financial Products
- 1.2.3. Loans of DeFi

### 1.3. Components DeFi

- 1.3.1. Layer 0
- 1.3.2. Software Protocol Layer
- 1.3.3. Application Layer and Aggregation Layer

### 1.4. Decentralized Exchanges

- 1.4.1. Exchange of *Tokens*
- 1.4.2. Adding Liquidity
- 1.4.3. Eliminating Liquidity

### 1.5. DeFi Markets

- 1.5.1. MarketDAO
- 1.5.2. Argus Prediction Market
- 1.5.3. Ampleforth

### 1.6. Keys

- 1.6.1. *Yield Farming*
- 1.6.2. Liquidity Mining
- 1.6.3. Comonibility

### 1.7. Differences with Other Systems

- 1.7.1. Traditional
- 1.7.2. Fintech
- 1.7.3. Comparison

### 1.8. Risk to Consider

- 1.8.1. Incomplete Decentralization
- 1.8.2. Security/Safety
- 1.8.3. Usage Errors

### 1.9. DeFi Applications

- 1.9.1. Loans
- 1.9.2. *Trading*
- 1.9.3. Derivatives

### 1.10. Projects Under Development

- 1.10.1. AAVE
- 1.10.2. DydX
- 1.10.3. *Money on Chain*



*Learn through a variety of teaching formats and choose the ones that best suit your educational needs"*



# 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.

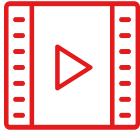
*Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.*

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.



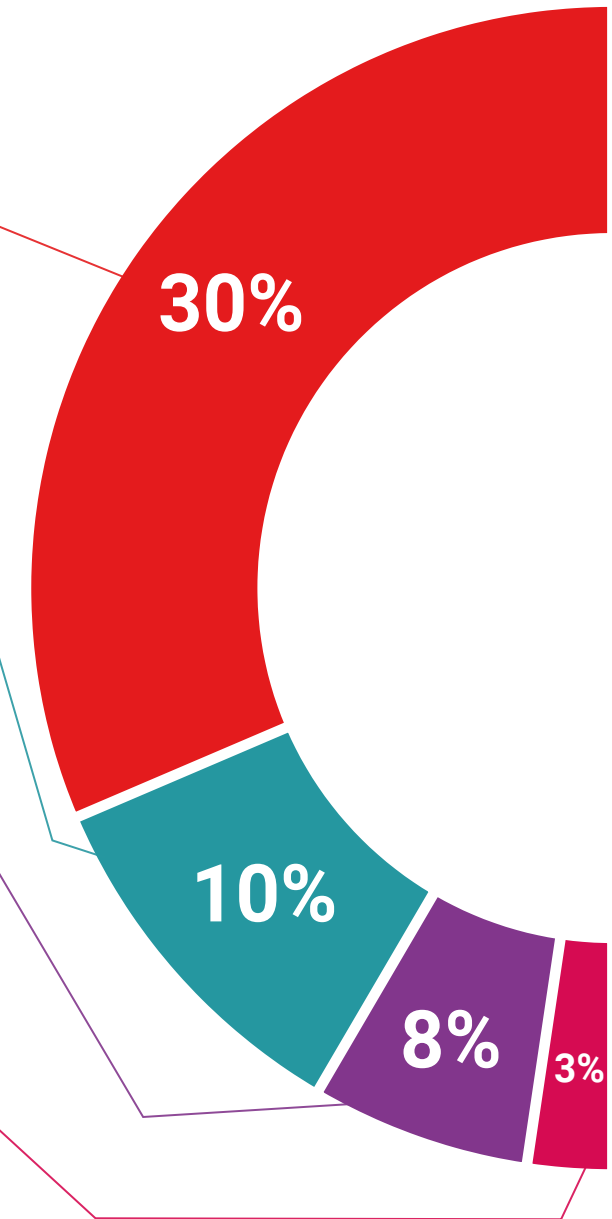
#### Management Skills Exercises

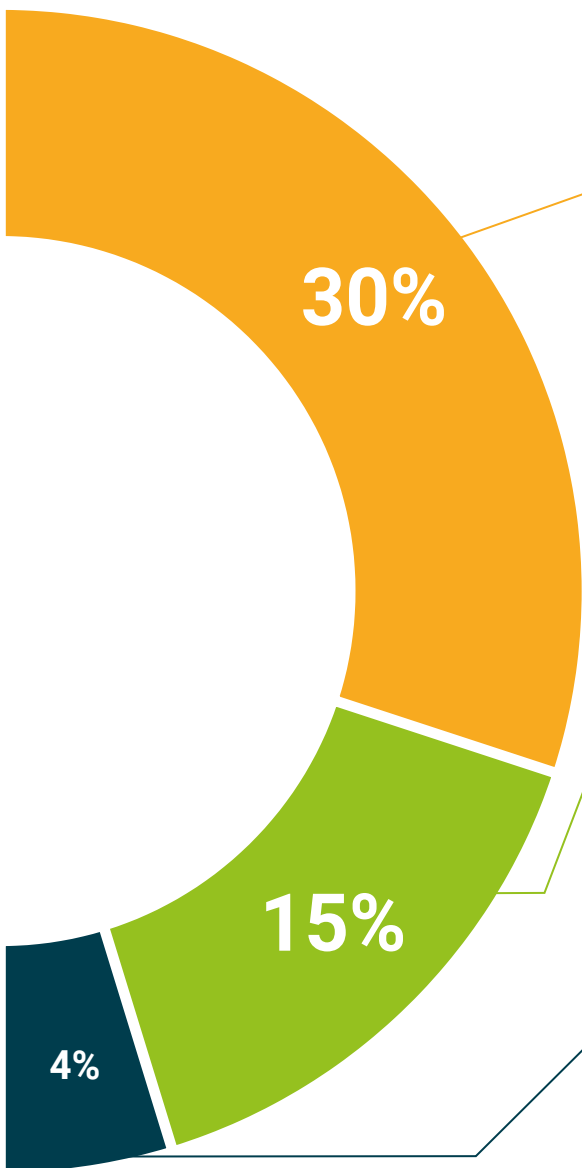
They will carry out activities to develop specific executive competencies in each thematic area. Practices and dynamics to acquire and develop the skills and abilities that a high-level manager needs to develop in the context of the globalization we live in.



#### 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, Undergraduates who have previously completed any of the following programs in the field of Social and Legal Sciences, Administration and Economics.

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

Professionals who, being university graduates in any area, have two years of work experience in the field of video games may also take the Postgraduate Certificate.





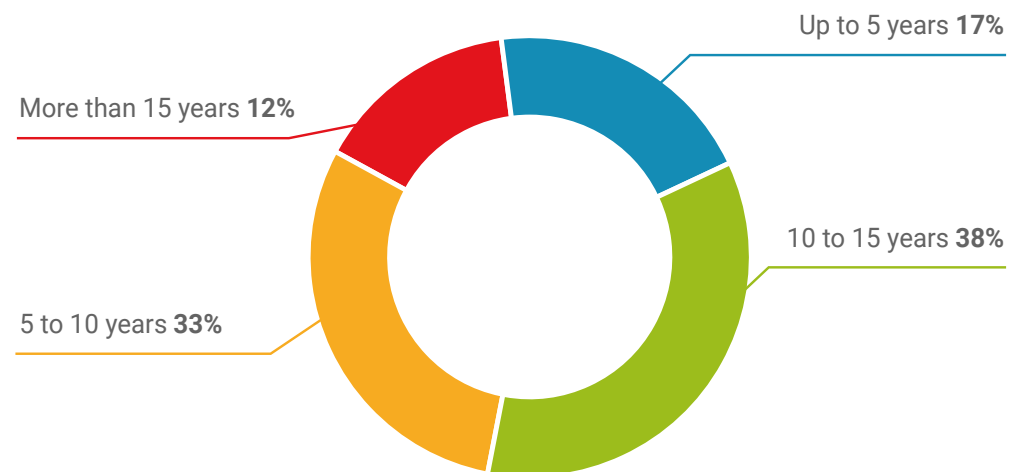
“

*Achieve your desired professional growth while working thanks to this Postgraduate Certificate”*

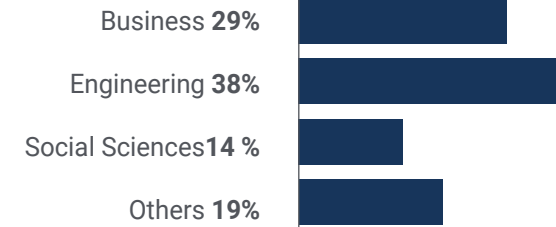
### Average Age

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

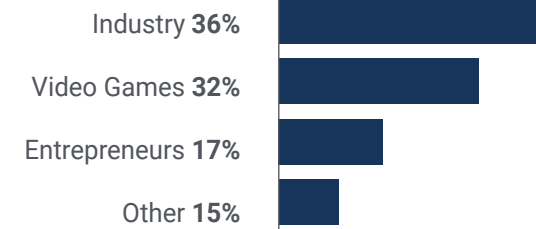
### Years of Experience



### Training

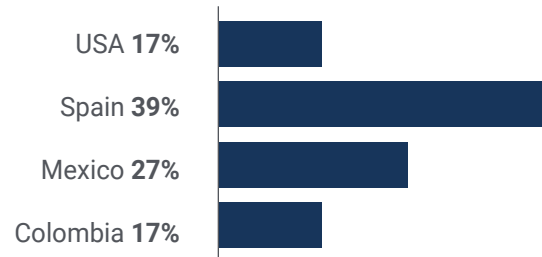


### Educational Profile



## Geographical Distribution

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## David Gutiérrez

Chief Financial Officer in the Video Game Industry

*"This program offered me a unique and enriching learning experience. I positively highlight the quality of the teaching team, who have facilitated the acquisition of skills that have allowed me to grow as a professional in the world of gamified business management"*

08

# Course Management

The teaching team of this program is made up of experts in the field of decentralized finance, who have extensive experience in the design and development of video games based on *Blockchain* technology. Thanks to their experience and knowledge, they will provide students with an updated and quality education, preparing them to apply the best solutions on DEFI in Gamified Decentralized Markets.



“

*With the help of the best experts in DEFI,  
you will obtain skills that will make you  
stand out in this professional area”*

## 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

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- 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

“

*Thanks to TECH, you will be able to learn with the best professionals in the world”*

## Management



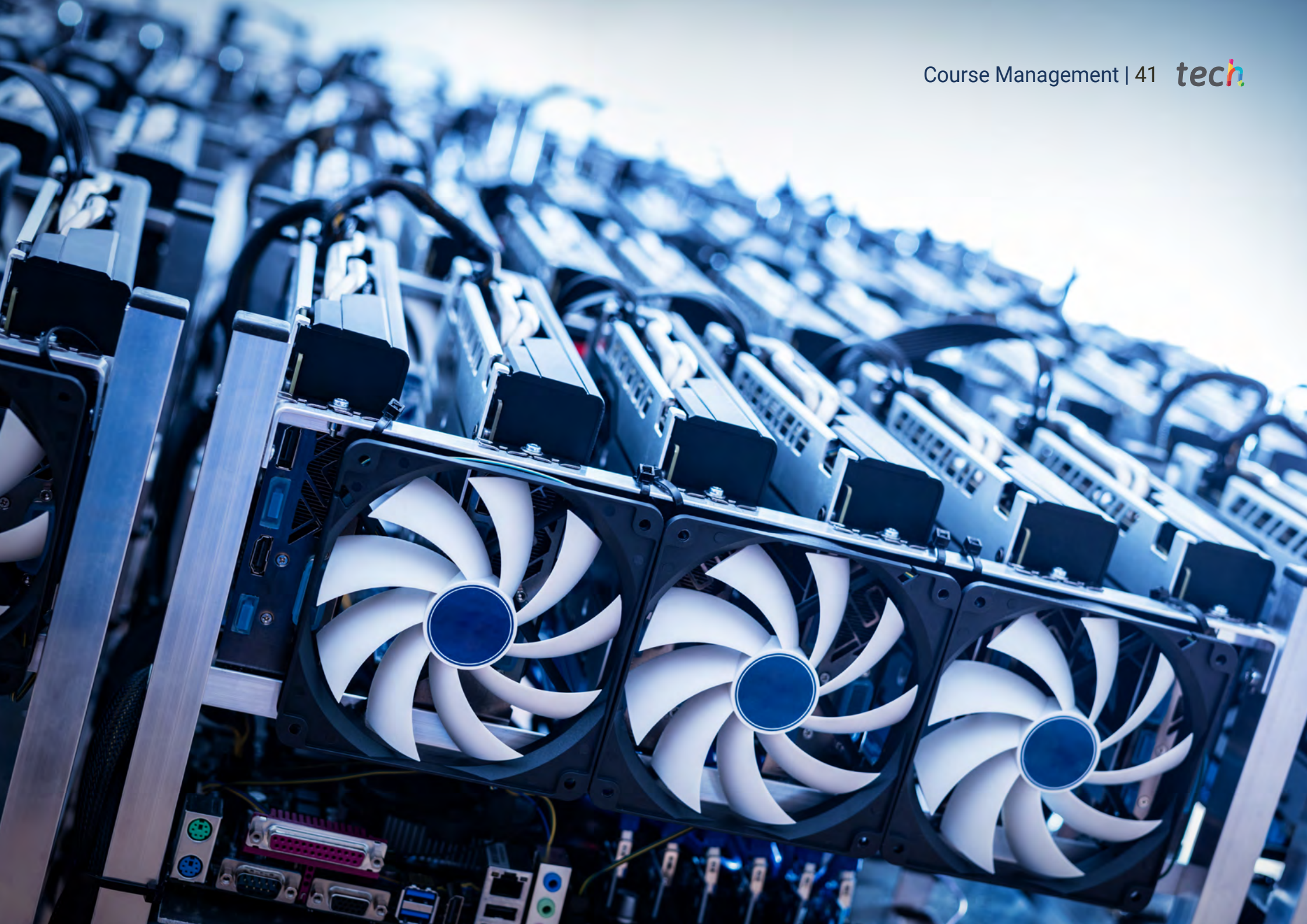
### Mr. Olmo Cuevas, Alejandro

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

## Professors

### Mr. Olmo Cuevas, Víctor

- ♦ 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



09

# Impact on Your Career

TECH Global University is fully aware that taking this program involves a high economic, professional and personal effort. Therefore, its main objective is that this program will help you to grow in your career and achieve your desired career goals.





“

*TECH Global University is committed  
to making a positive impact on your  
career path”*

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

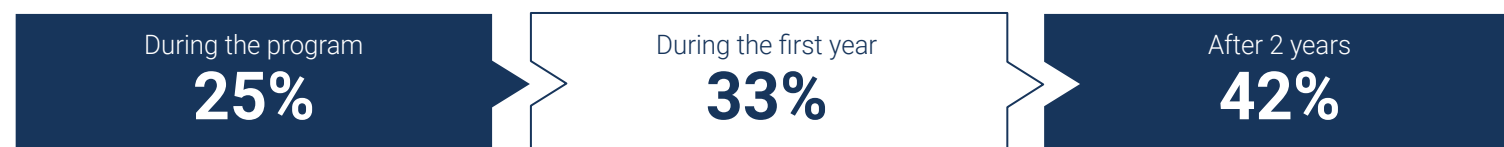
The Postgraduate Certificate in DEFI in Gamified Decentralized Markets at TECH Global University is an intensive program that prepares you to face challenges and business decisions in the entertainment field. The main objective is to promote your personal and professional growth. Helping you achieve 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.

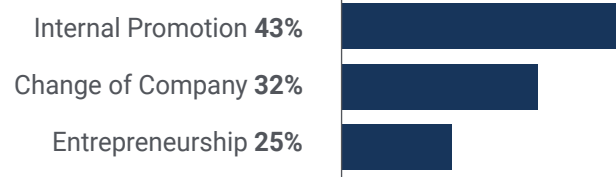
*Be able to develop as a professional through this academic experience.*

*Increase your professional opportunities through this Postgraduate Certificate.*

### Time of Change



### Type of change



## Salary increase

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The completion of this program represents a salary increase of more than **25,3%** for our students.



10

# Benefits for Your Company

The Postgraduate Certificate in DEFI in Gamified Decentralized Markets contributes to elevate the organization's talent to its maximum potential through the instruction of high-level leaders. Participating in this Postgraduate Certificate is a unique opportunity to access a powerful network of contacts in which to find future professional partners, customers or suppliers.



“

*Experts in decentralized finance can provide gamified companies with innovative solutions that optimize the operation of their corporate activity”*

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 DEFI in Gamified Decentralized Market 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 DEFI in Gamified Decentralized Markets** 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 DEFI in Gamified Decentralized Markets**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**





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