

# Postgraduate Certificate Complete Analysis of Investment Strategies





## Postgraduate Certificate Complete Analysis of Investment Strategies

- » Modality: online
- » Duration: 12 weeks
- » Certificate: TECH Global University
- » Credits: 12 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/information-technology/postgraduate-certificate/complete-analysis-investment-strategies](http://www.techtute.com/us/information-technology/postgraduate-certificate/complete-analysis-investment-strategies)

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# 01

# Introduction

*Blockchain* technology has burst into the world of finance, proposing a new form of investment that has completely overturned existing strategies. The new models to be developed with Blockchain technology are of particular importance given its greater security and reliability for transactions of all kinds. It is no longer just a matter of validating and certifying transactions, but also of establishing strategies for buying and selling cryptoassets for lasting profits. This is why TECH and its team have developed a 100% online program of 360 hours long, in which computer specialists will acquire the necessary knowledge to master the main investment strategies in the crypto world. An opportunity to be part of a growing industry through an educational experience based on the current architecture and operability with NFT's, the most profitable crypto investment models, and the analysis of Exchanges.





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*Combine your professional career with this Postgraduate Certificate due to the flexibility and adaptability in the syllabus comprehension”*



Blockdata stated in a report that the Bitcoin network was beginning to process more transactions than PayPal. The network was created a few years ago, and although there are clear leaders in this field, such as Mastercard or Visa, Bitcoin could operate at the level of the aforementioned in a very short time. This means that the standardization in the use of this type of transactions is an undeniable reality, since it is expanding more and more every day.

This standardization in the use of cryptoassets has generated that many investment enthusiasts take the leap to this digital world. Therefore, the fame and the number of agents that make up the cryptocurrency sector has grown considerably, causing an increase in the demand for professionals who can provide experience and specific knowledge on matters such as coin Stacking, the differentiation between crypto investment models, the configuration of investment portfolios or the control of new business models such as Farming.

Seeking a specialization in these aspects mentioned, TECH has created this Postgraduate Certificate designed for Computer Specialists who seek to learn about the different decentralized lending protocols, as well as the applicable investment strategies and identification of market trend movements. 360 hours of practical and theoretical content where learning will be done in a continuous and gradual way thanks to the Relearning method, giving the greatest possible flexibility to the student.

This **Postgraduate Certificate in Complete Analysis of Investment Strategies** contains the most complete and up-to-date program on the market. The most important features include:

- ◆ The development of case studies presented by digital business and IT experts
- ◆ The graphic, schematic, and practical contents with which they are created, provide practical information on the disciplines that are essential for professional practice
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



*In just 360 hours you will master the most important and most demanded aspects by companies when investing in the world of cryptocurrencies"*

“

*Be part of the pioneers in working on one of the most important aspects and with the greatest projection of the Web3”*

*Understand when and why it is a good idea to perform coin Stacking thanks to the contents of this Postgraduate Certificate.*

*Learn how to read the metrics to specialize in decision making and risk management in cryptoinvestments.*

The program's teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive education programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.



# 02 Objectives

TECH's main objective for this program in Complete Analysis of Investment Strategies is to offer the most up-to-date and detailed information on the crypto-economy sector. With this in mind, the program will delve into concepts such as DeFi and how they are formed, as well as the most common methods and protocols when investing in cryptocurrencies. These objectives will be achieved by following an educational process of excellence that will provide the professional with enough tools to not only achieve their goals, but also position them as a reference in the world of IT.





A woman with brown hair is shown in profile, looking out a window. The image is partially obscured by a large teal diagonal graphic that covers the top right and bottom right portions of the page. The background is a bright, slightly blurred indoor setting.

“

*Enroll and don't miss the opportunity to learn about the architecture of NFTs and NFT operations"*



## General Objectives

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- ◆ Analyze the main DeFi protocols
- ◆ Identify the main market movements
- ◆ Document and evaluate previous market movements that justify future investments
- ◆ Learn how DeFi works

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*Become an expert in the analysis of crypto investment funds in only 360 hours thanks to this Postgraduate Certificate"*





## Specific Objectives

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- ◆ Apply protocols based on their case study
- ◆ Analyze different strategies
- ◆ Create your own diversified portfolio
- ◆ Analyze each potential investment candidate in a technical (graphs) and fundamental (projects) manner
- ◆ Examine trading strategies based on market trends
- ◆ Generate operation data reports with mathematical indicators that allow us to enter and exit at the right time
- ◆ Support our strategies through analytical explanations
- ◆ Establish trend movements that verify whether we are in bull or bear markets
- ◆ Demonstrate, through resistances and supports, the trend lines of the markets

# 03

# Course Management

In order to offer the highest quality instruction, TECH, together with its team of professionals, has brought together the highest level and most experienced teachers in cryptoinvestment in the digital sector. They will provide not only the best theoretical and practical content available, but also their personal experiences drawn from their respective fields of expertise. Furthermore, and with the purpose of offering a unique educational experience, the teachers will be completely available for the students to contact them for the resolution of doubts or for the treatment of questions related to the syllabus.







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*Become an expert in the analysis of Secure Protocols in only 360 hours thanks to this Postgraduate Certificate"*



## Management



### Dr. Gil de la Guardia, Alberto

- Founding member of Le Crypto Club
- Co-director of several university programs related to *Blockchain* Technology and the Crypto world
- Doctorate in International Public Law at the Complutense University of Madrid
- Master's Degree in Financial Studies from CEU San Pablo University
- Master's Degree in Blockchain Technology and Bitcoin from the European University of Madrid
- Degree in Law from the University of Salamanca



# 04

## Structure and Content

TECH, together with its team of professionals and the teachers involved in this Postgraduate Certificate, have developed a syllabus with the most complete contents regarding Investment Strategies. A compilation of the most important aspects on the operation of Decentralized Finance systems, as well as the use of their characteristics for capital investment. All these contents will be developed in a 100% online format and with free access from any device with internet access. Therefore, IT professionals who take this program will be able to combine it simultaneously with their professional lives.





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*Maintain your professional performance while specializing in one of the branches with more outlets in the digital sector thanks to the Relearning teaching method"*

## Module 1. New Crypto Business Models Protocols

- 1.1. DeFi Protocol Analysis on Bitcoin
  - 1.1.1. DeFi on Bitcoin
  - 1.1.2. Lightning Network
  - 1.1.3. RSK
- 1.2. Analysis of Landing Protocols
  - 1.2.1. Main Landing Protocols
  - 1.2.2. Case Uses
  - 1.2.3. Landing in Crypto Projects vs. Non-Crypto
- 1.3. AMM Protocol Analysis
  - 1.3.1. Main AMM Protocols
  - 1.3.2. Case Uses
  - 1.3.3. Differences Between Landing and AMM
- 1.4. DEX Protocol Analysis
  - 1.4.1. Main DEX Protocols
  - 1.4.2. Case Uses
  - 1.4.3. DEX vs CEX
- 1.5. Information and Resource Silos
  - 1.5.1. Information Silos
  - 1.5.2. Crypto Silos Creation. Advantages
  - 1.5.3. Real World Uses of Information Silos
- 1.6. Protocol analysis: Liquidity Mining and Yield Farming
  - 1.6.1. 7.6 Protocol Analysis:
  - 1.6.2. Yield Farming Under the Hook
  - 1.6.3. Tactics of Use According to Asset
- 1.7. Insurance Protocol Analysis
  - 1.7.1. Main Insurance Protocols
  - 1.7.2. Case Uses
  - 1.7.3. Creation of a Secure Protocol
- 1.8. Investment Funds
  - 1.8.1. Investment Funds
  - 1.8.2. Crypto Investment Fund Analysis
  - 1.8.3. Crypto Investment Fund Analysis

- 1.9. Composite Strategies
  - 1.9.1. Cryptocurrency Trading
  - 1.9.2. Strategy Analysis
  - 1.9.3. Use Criteria for Strategies
- 1.10. Portfolio Analysis, Balancing and Protection
  - 1.10.1. Cryptocurrency Wallets
  - 1.10.2. Asset Analysis
  - 1.10.3. Balancing and Protection Strategies

## Module 2. Investment Strategy Analysis

- 2.1. Exchange Analysis
  - 2.1.1. Main Competitors
  - 2.1.2. Identification Procedures
  - 2.1.3. Order Types
- 2.2. DeFi Alternative Markets (Pancake Swap)
  - 2.2.1. Market Players
  - 2.2.2. DeFi Typology
  - 2.2.3. Cash Flow Pools
- 2.3. Crypto Investment Models
  - 2.3.1. Yield Farming
  - 2.3.2. Flash Loans
  - 2.3.3. CFD Trading
- 2.4. Coin Stacking
  - 2.4.1. The Right Choice
  - 2.4.2. Temporariness
  - 2.4.3. Masternodes
- 2.5. Farming
  - 2.5.1. New Economy Model
  - 2.5.2. Time as a Partner
  - 2.5.3. Advanced Farming Platform Analysis
- 2.6. Investment Portfolio Configuration
  - 2.6.1. Market Efficiency
  - 2.6.2. Volatility Frontier Portfolio
  - 2.6.3. Volatility Positioning



- 2.7. Crypto Arbitration
  - 2.7.1. Technology and its "Slots"
  - 2.7.2. Market Disagreements
  - 2.7.3. Risk Limitation Techniques
- 2.8. NFTs Architecture
  - 2.8.1. Fungible vs. Non-Fungible
  - 2.8.2. NFTs on Web3
  - 2.8.3. Architecture of a NFT System
- 2.9. NFT Operations
  - 2.9.1. Create, Buy and Sell NFTs
  - 2.9.2. NFTs and Sport
  - 2.9.3. NFTs and the Immediate Future
- 2.10. Decision-Making and Risk Management
  - 2.10.1. On-Chain Metrics
  - 2.10.2. Project Metrics
  - 2.10.3. Financial Metrics

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*Don't think about it, enroll now to specialize in DeFi and the AMM and DEX protocols"*



# 05 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"*



## 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.

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*At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world”*



*You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.*



*The student will learn to solve complex situations in real business environments through collaborative activities and real cases.*

### A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. 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 professional reality is taken into account.

**“** *Our program prepares you to face new challenges in uncertain environments and achieve success in your career”*

The case method has been the most widely used learning system among the world's leading Information Technology 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 that you are presented with in the case method, an action-oriented learning method. Throughout the course, students will be presented with multiple real cases. They will have to combine all their knowledge and research, and 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.

*In 2019, we obtained the best learning results of all online universities in the world.*

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 university is the only one in the world authorized to employ 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.

This methodology has 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, and financial markets and 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 training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for 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.



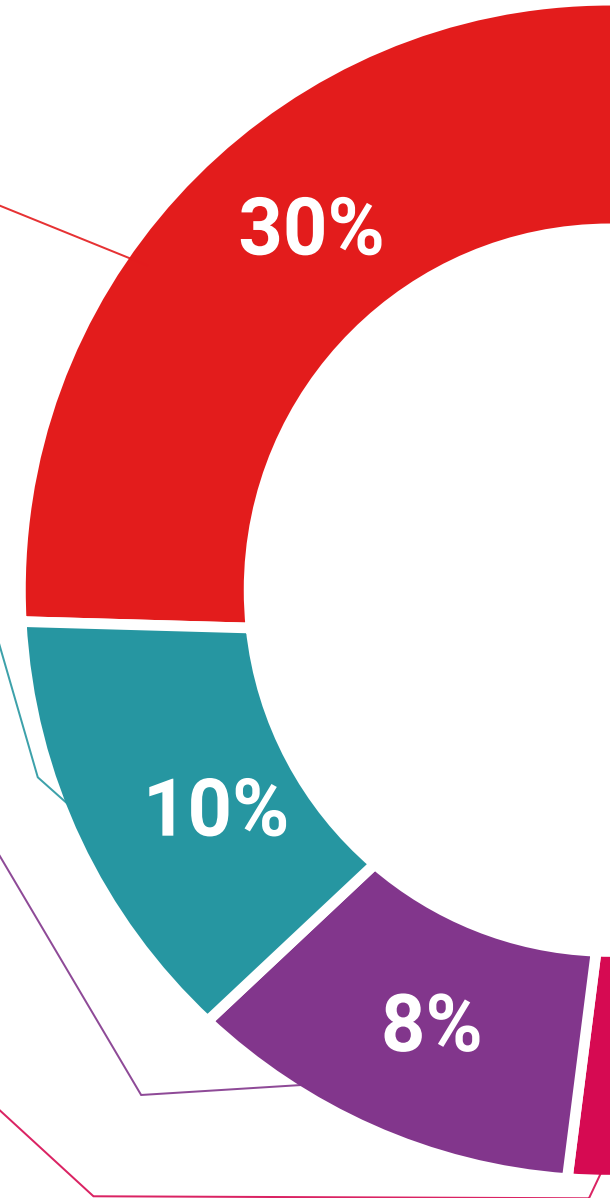
### Practising Skills and Abilities

They will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.



### 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 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.





06

# Certificate

The Postgraduate Certificate in Complete Analysis of Investment Strategies guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.





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*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 Complete Analysis of Investment Strategies** 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 Complete Analysis of Investment Strategies**

Modality: **online**

Duration: **12 weeks**

Accreditation: **12 ECTS**



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

future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

**tech** global  
university

personalized service innovation

knowledge present

online training

development language

virtual classroom

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