

Executive Master's Degree

Tokenization and NFTs



Executive Master's Degree Tokenization and NFTs

- » Modality: online
- » Duration: 12 months
- » Certificate: TECH Global University
- » Accreditation: 60 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitude.com/us/school-of-business/executive-master-degree/master-tokenization-nfts

Index

01

Introduction to the Program

p. 4

02

Why Study at TECH?

p. 8

03

Syllabus

p. 12

04

Teaching Objectives

p. 22

05

Career Opportunities

p. 28

06

Study Methodology

p. 32

07

Teaching Staff

p. 42

08

Certificate

p. 46

01

Introduction to the Program

In today's digital environment, the adoption of blockchain has revolutionized essential sectors such as finance, driving security and transparency in decentralized transactions. According to a report by the International Monetary Fund, the tokenization market will reach \$5.6 billion next year. Aware of this, professionals need a comprehensive understanding of the creation, management, and marketing of digital assets to optimize the operational processes of institutions. With this in mind, TECH presents a revolutionary university degree focused on Tokenization and NFTs. In addition, it is taught in a flexible, 100% online format. In addition, it is taught in a flexible 100% online mode.



NFT

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With this entirely online Executive Master's Degree, you will create innovative Tokenization and NFT projects to optimize digital business strategies”

Tokenization has radically transformed the digital economy by enabling the representation of physical and virtual assets on blockchain. This advancement has driven the growth of decentralized markets, improving transparency and security in transactions. However, this represents a challenge for specialists due to technological complexity, constantly evolving regulations, and the need for effective strategies for optimal digital asset management. Hence the importance of developing advanced skills to lead cutting-edge projects in the new decentralized economy.

In this context, TECH has developed an innovative Executive Master's Degree in Tokenization and NFTs. Designed by leading experts in the field, the academic program will delve into the fundamentals of blockchain and smart contracts. In addition, the syllabus will delve into key aspects such as the taxation of digital assets, transaction security, and the evolution of decentralized markets. In this way, graduates will be able to manage investments in tokenized assets with a strategic approach, ensuring profitability and regulatory compliance.

Furthermore, this university degree is delivered in a convenient, entirely online format, where students only need an electronic device with an Internet connection to access the Virtual Campus. On this platform, they will enjoy access to a library full of multimedia support resources such as explanatory videos, specialized readings, and interactive summaries. In addition, TECH uses its ground-breaking Relearning system to ensure that professionals enjoy an immersive, natural, and progressive learning experience.

This **Executive Master's Degree in Tokenization and NFTs** contains the most complete and up-to-date program on the market. The most important features include:

- ♦ The development of practical cases presented by experts in Tokenization and NFTs
- ♦ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Practical exercises where self-assessment can be used to improve learning
- ♦ Special emphasis on innovative methodologies in Tokenization and NFTs
- ♦ 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



You will gain a holistic understanding of smart contracts, enabling you to automate complex transactions"

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You will delve into the legal regulations and international standards governing emerging digital assets such as cryptocurrencies”

The teaching staff includes professionals from the field of Tokenization and NFTs, who bring their work experience to this program, as well as renowned specialists from leading companies 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 an immersive learning experience designed to prepare for real-life situations.

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

You will be able to manage digital communities, applying engagement and loyalty methods in decentralized environments.

The Relearning system applied by TECH in its programs reduces the long hours of study that are so common in other educational programs. Enroll now!



02

Why Study at TECH?

TECH is the world's largest online university. With an impressive catalog of more than 14,000 university programs available in 11 languages, it is positioned as a leader in employability, with a 99% job placement rate. In addition, it relies on an enormous faculty of more than 6,000 professors of the highest international renown.



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*Study at the world's largest online university
and guarantee your professional success.
The future starts at TECH”*

The world's best online university, according to FORBES

The prestigious Forbes magazine, specialized in business and finance, has highlighted TECH as "the best online university in the world" This is what they have recently stated in an article in their digital edition in which they echo the success story of this institution, "thanks to the academic offer it provides, the selection of its teaching staff, and an innovative learning method oriented to form the professionals of the future".

The best top international faculty

TECH's faculty is made up of more than 6,000 professors of the highest international prestige. Professors, researchers and top executives of multinational companies, including Isaiah Covington, performance coach of the Boston Celtics; Magda Romanska, principal investigator at Harvard MetaLAB; Ignacio Wistumba, chairman of the department of translational molecular pathology at MD Anderson Cancer Center; and D.W. Pine, creative director of TIME magazine, among others.

The world's largest online university

TECH is the world's largest online university. We are the largest educational institution, with the best and widest digital educational catalog, one hundred percent online and covering most areas of knowledge. We offer the largest selection of our own degrees and accredited online undergraduate and postgraduate degrees. In total, more than 14,000 university programs, in ten different languages, making us the largest educational institution in the world.



The most complete syllabuses on the university scene

TECH offers the most complete syllabuses on the university scene, with programs that cover fundamental concepts and, at the same time, the main scientific advances in their specific scientific areas. In addition, these programs are continuously updated to guarantee students the academic vanguard and the most demanded professional skills. and the most in-demand professional competencies. In this way, the university's qualifications provide its graduates with a significant advantage to propel their careers to success.

A unique learning method

TECH is the first university to use Relearning in all its programs. This is the best online learning methodology, accredited with international teaching quality certifications, provided by prestigious educational agencies. In addition, this innovative academic model is complemented by the "Case Method", thereby configuring a unique online teaching strategy. Innovative teaching resources are also implemented, including detailed videos, infographics and interactive summaries.

The official online university of the NBA

TECH is the official online university of the NBA. Thanks to our agreement with the biggest league in basketball, we offer our students exclusive university programs, as well as a wide variety of educational resources focused on the business of the league and other areas of the sports industry. Each program is made up of a uniquely designed syllabus and features exceptional guest hosts: professionals with a distinguished sports background who will offer their expertise on the most relevant topics.

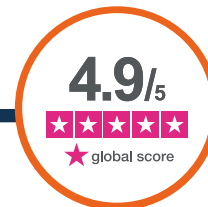
Leaders in employability

TECH has become the leading university in employability. Ninety-nine percent of its students obtain jobs in the academic field they have studied within one year of completing any of the university's programs. A similar number achieve immediate career enhancement. All this thanks to a study methodology that bases its effectiveness on the acquisition of practical skills, which are absolutely necessary for professional development.



Google Premier Partner

The American technology giant has awarded TECH the Google Premier Partner badge. This award, which is only available to 3% of the world's companies, highlights the efficient, flexible and tailored experience that this university provides to students. The recognition not only accredits the maximum rigor, performance and investment in TECH's digital infrastructures, but also places this university as one of the world's leading technology companies.



The top-rated university by its students

Students have positioned TECH as the world's top-rated university on the main review websites, with a highest rating of 4.9 out of 5, obtained from more than 1,000 reviews. These results consolidate TECH as the benchmark university institution at an international level, reflecting the excellence and positive impact of its educational model.



03 Syllabus

The teaching materials for this university program have been developed by experts in Blockchain, ensuring a comprehensive approach to Tokenization and NFTs. The syllabus covers everything from the fundamentals of Bitcoin to the specifics of smart contracts. The syllabus will also delve into the different means of payment in the sale and purchase of tokens, from bank transfers to cryptocurrencies, evaluating their advantages, disadvantages, and security. Graduates will therefore master the various digital and financial processes that are essential in the decentralized economy.



A close-up portrait of a man with a beard and mustache, smiling. The image is partially cut off by the left edge of the frame. The background is a light, out-of-focus indoor setting.

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You will master the use of cutting-edge technological tools to assess the impact and profitability of digital assets”

Module 1. Emerging Finthech Business Models

- 1.1. Fintech Business Models
 - 1.1.1. Unmet needs
 - 1.1.2. Customer Expectations
 - 1.1.3. Different Business Models in Fintech: B2C, B2B
- 1.2. Value Contribution of Fintechs
 - 1.2.1. Time Saving
 - 1.2.2. Cost Saving
 - 1.2.3. Improve User Experience
 - 1.2.4. Elimination of Entry Barrier
- 1.3. Technological Changes on Which Fintech is Based
 - 1.3.1. Big Data & Advanced Analytics
 - 1.3.2. AI
 - 1.3.3. Machine Learning
 - 1.3.4. IoT (Internet of Things)
 - 1.3.5. Blockchain
- 1.4. Verticals in Fintech
 - 1.4.1. Investments
 - 1.4.2. Currencies and Cryptocurrencies
 - 1.4.3. Payments
 - 1.4.4. Loans and Financing
 - 1.4.5. Banking
 - 1.4.6. Insurance
- 1.5. Fintech as a Startup
 - 1.5.1. Paradigm Shift
 - 1.5.2. Limits
 - 1.5.3. Exponential Growth
- 1.6. Phases of Fintech as Startups
 - 1.6.1. Seed - MVP
 - 1.6.2. Early - Product Market Fit
 - 1.6.3. Growth
 - 1.6.4. Expansion
 - 1.6.5. Exit

- 1.7. Startup Differentiation
 - 1.7.1. Trust
 - 1.7.2. Regulation
 - 1.7.3. Acquisition Cost
- 1.8. Fintech in its Origins
 - 1.8.1. Startup vs DAO
 - 1.8.2. Incubators
 - 1.8.3. Spin-Offs
- 1.9. Fintech Crowdfunding
 - 1.9.1. The Crowdfunding Concept
 - 1.9.2. Equity Crowdfunding
 - 1.9.3. Crowdlending
 - 1.9.4. ICOs vs STOs
- 1.10. Fintech Status Quo
 - 1.10.1. Challenges
 - 1.10.2. Opportunities
 - 1.10.3. Threats

Module 2. The Asset Tokenization Process

- 2.1. Asset Tokenization
 - 2.1.1. Asset Tokenization
 - 2.1.2. Parallels to Traditional Emissions
 - 2.1.3. Differences Compared to Traditional Emissions
- 2.2. Tokenizable Projects
 - 2.2.1. Business Projects
 - 2.2.2. Token Community Management
 - 2.2.3. Single Asset Tokens
- 2.3. Tokens to be Issued: Main Features
 - 2.3.1. Security Tokens and STOs
 - 2.3.2. Utility Tokens and UTOs
 - 2.3.3. NFTs
 - 2.3.4. Differences Between Tokens and Cryptocurrencies and ICOs

- 2.4. Advantages of Tokenization
 - 2.4.1. Democratization of Investment
 - 2.4.2. Liquidity
 - 2.4.3. Security
 - 2.4.4. Transparency
 - 2.4.5. Authentication
 - 2.4.6. Community Management
- 2.5. The Asset Tokenization Process I: Project Conceptualization
 - 2.5.1. The Design of the White Paper
 - 2.5.2. Writing a White Paper
 - 2.5.3. Content of a White Paper
- 2.6. The Asset Tokenization Process II: Token Placement
 - 2.6.1. Target Audience
 - 2.6.2. The Pre-sales
 - 2.6.3. Direct Placement
- 2.7. The Asset Tokenization Process III: Token Allocation
 - 2.7.1. Means of Payment
 - 2.7.2. Cold Wallet
 - 2.7.3. Pooled Wallet
- 2.8. The Secondary Token Market: Bilateral Market
 - 2.8.1. Liquidity for the Token Holder
 - 2.8.2. Bilateral Negotiation
 - 2.8.3. Advantages and Disadvantages
- 2.9. The Secondary Token Market: Exchanges
 - 2.9.1. Entry Requirements
 - 2.9.2. Characteristics of Token Trading on the Exchange
 - 2.9.3. Advantages and Disadvantages
- 2.10. Token Valuation
 - 2.10.1. Market Value
 - 2.10.2. Theoretical Value
 - 2.10.3. Investment Opportunities

Module 3. Blockchain Networks for Asset Tokenization

- 3.1. Blockchain Networks for Asset Tokenization
 - 3.1.1. Blockchain for Tokenization
 - 3.1.2. Development of Blockchain Networks
 - 3.1.3. Types of Blockchain and their Characteristics
- 3.2. Blockchain Networks. Blockchain Characteristics in Asset Tokenization
 - 3.2.1. Benefits of Blockchain Networks
 - 3.2.2. Projects that Use Them
 - 3.2.3. Costs and Speeds
- 3.3. Security in Blockchain Networks
 - 3.3.1. Common Vulnerabilities in Blockchain Networks and their Impact on Asset Tokenization
 - 3.3.2. Safety Measures for its Protection
 - 3.3.3. Project Hacking and Fraud Cases
- 3.4. Asset Tokenization
 - 3.4.1. Definition of Tokenization and its Connection to Blockchain
 - 3.4.2. Types of Assets that Can Be Tokenized
 - 3.4.3. Advantages and Disadvantages of Asset Tokenization
- 3.5. Type of Tokens
 - 3.5.1. Security Tokens
 - 3.5.2. Utility Tokens
 - 3.5.3. Asset Tokens
- 3.6. Token Technical Characteristics and Standards
 - 3.6.1. ERC20 Tokens
 - 3.6.2. Tokens ERC721 (NFTs)
 - 3.6.3. Other standards (ERC1155, ERC721A, ERC4337)
- 3.7. Smart Contracts and Tokenization
 - 3.7.1. Smart Contracts Smart Contracts
 - 3.7.2. Advantages and Disadvantages of Smart Contracts
 - 3.7.3. Use Cases of Smart Contracts in Asset Tokenization

- 3.8. Bitcoin in Tokenization
 - 3.8.1. Bitcoin in Tokenization. Contextualization
 - 3.8.2. Bitcoin Possibilities in Tokenization
 - 3.8.3. Advantages and Disadvantages of Tokenization
- 3.9. Ethereum in Tokenization
 - 3.9.1. Ethereum in Tokenization. Contextualization
 - 3.9.2. Ethereum Possibilities in Tokenization
 - 3.9.3. Advantages and Disadvantages of Tokenization
- 3.10. EVM Operations
 - 3.10.1. The Ethereum Virtual Machine
 - 3.10.2. How It Works
 - 3.10.3. Security and Transparency in the Execution of Smart Contracts
 - 3.10.4. Programming Languages

Module 4. Payment Solutions in Token Trading

- 4.1. Token Trading
 - 4.1.1. Why Buy and Sell Tokens
 - 4.1.2. Token Acquisition
 - 4.1.3. Token Sales
- 4.2. Bank Transfers
 - 4.2.1. Advantages and Disadvantages
 - 4.2.2. Payment Process
 - 4.2.3. Security Considerations
- 4.3. Credit and Debit Cards
 - 4.3.1. Advantages and Disadvantages
 - 4.3.2. Payment Process
 - 4.3.3. Security Considerations
- 4.4. Cryptocurrencies
 - 4.4.1. Advantages and Disadvantages
 - 4.4.2. Payment Process
 - 4.4.3. Security Considerations
- 4.5. Choice of a Payment Solution. Factors to be Considered
 - 4.5.1. Transaction Speed
 - 4.5.2. Associated Costs
 - 4.5.3. Security
 - 4.5.4. Availability
- 4.6. Payment Gateways
 - 4.6.1. Payment Gateway
 - 4.6.2. How Payment Gateways Work
 - 4.6.3. Choice of a Payment Gateway
- 4.7. Token Trading Transactions
 - 4.7.1. Token Purchasing Process
 - 4.7.2. Token Sales Process
 - 4.7.3. Legal and Tax Considerations
- 4.8. Token Trading Platforms (Exchanges)
 - 4.8.1. Token Trading Platforms
 - 4.8.2. Advantages and Disadvantages of Using Platforms
 - 4.8.3. Examples of Popular Platforms
- 4.9. AML (Anti Money Laundering)
 - 4.9.1. Rules and Regulations
 - 4.9.2. Procedures and Requirements
 - 4.9.3. Weaknesses of AML Regulations
- 4.10. Successful Token Trading. Key Factors
 - 4.10.1. Research and Selection of the Appropriate Platform
 - 4.10.1. Verification of Seller/Buyer Authenticity (KYC)
 - 4.10.1. Performing Secure Transactions

Module 5. Security Tokens

- 5.1. Security Tokens
 - 5.1.1. Concept of Financial Asset
 - 5.1.2. Financial Markets
 - 5.1.3. Advantages of Tokenization
- 5.2. Equity Security Tokens or “Crypto Shares”
 - 5.2.1. What is a Share
 - 5.2.2. Advantages of Tokenization
 - 5.2.3. Token Holder’s Rights and Obligations
- 5.3. Debt Security Tokens or “Crypto Shares”
 - 5.3.1. Concept of Debt
 - 5.3.2. Advantages of Tokenization
 - 5.3.3. Token Holder’s Rights and Obligations
- 5.4. Security Tokens for Investment Funds
 - 5.4.1. Profit-Sharing Agreement and Its Parties
 - 5.4.2. Advantages of Tokenization
 - 5.4.3. Token Holder’s Rights and Obligations
- 5.5. The White Paper of a Security Token
 - 5.5.1. Issuer Identification
 - 5.5.2. Clauses and Disclaimers
 - 5.5.3. Issuance Tokenomics
- 5.6. Basic Tokenization Contracts
 - 5.6.1. The Notarial Deed of a Company and the Shareholders’ Agreement
 - 5.6.2. Loan Agreements. Types
 - 5.6.3. Characteristics of the Profit-Sharing Agreement
- 5.7. Security Token Offerings (STOs)
 - 5.7.1. General Description of the Process
 - 5.7.2. The Project
 - 5.7.3. Communication Campaigns
 - 5.7.4. The Pre-sales
 - 5.7.5. Payment and Token Allocation
- 5.8. Example of Debt Security Token Offering
 - 5.8.1. Purpose of the Issue
 - 5.8.2. Tokenomics
 - 5.8.3. Allocation Process

- 5.9. Example of an STO for a Contract in a Profit-Sharing Account
 - 5.9.1. Purpose of the Issue
 - 5.9.2. Tokenomics
 - 5.9.3. Allocation Process
- 5.10. International Regulations Applicable to Security Tokens
 - 5.10.1. Entities Responsible for Market Supervision (SECs)
 - 5.10.2. Investor Protection Rules
 - 5.10.3. Entities Involved in the Token Issuance

Module 6. Utility Tokens

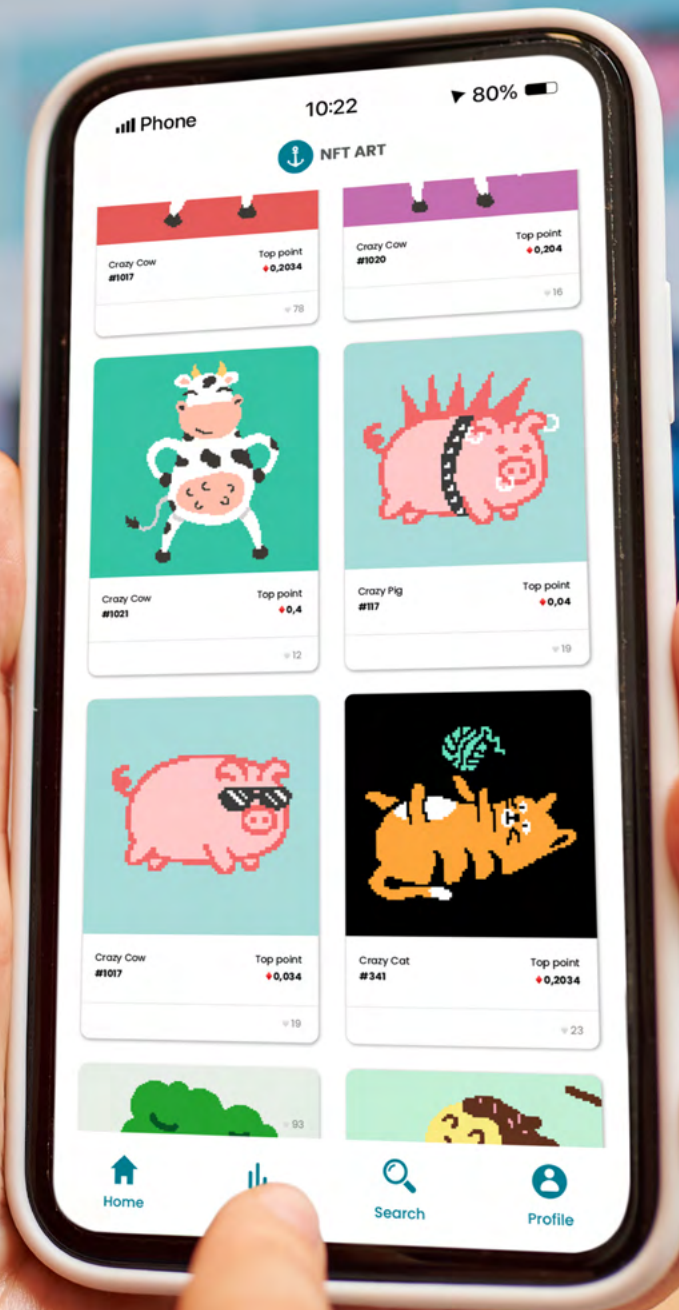
- 6.1. Utility Tokens
 - 6.1.1. Client Management
 - 6.1.2. Differences from a Security Token
 - 6.1.3. Creating Value for the Token Holder
- 6.2. Utility Tokens as a Means of Payment
 - 6.2.1. Online Payments
 - 6.2.2. Advantages of Tokenization
 - 6.2.3. Token Holder’s Rights and Obligations
- 6.3. Utility Token as a Marketing Tool
 - 6.3.1. The Connection with the Customer
 - 6.3.2. Advantages of Tokenization
 - 6.3.3. Token Holder’s Rights and Obligations
- 6.4. Governance Tokens
 - 6.4.1. DAO
 - 6.4.2. Advantages of Tokenization
 - 6.4.3. Token Holder’s Rights and Obligations
- 6.5. Fan Tokens
 - 6.5.1. Fan Phenomenon
 - 6.5.2. Advantages of Tokenization
 - 6.5.3. Token Holder’s Rights and Obligations
- 6.6. The White Paper of a Utility Token
 - 6.6.1. Issuer Identification
 - 6.6.2. Clauses and Disclaimers
 - 6.6.3. Issuance Tokenomics

- 6.7. UTOs
 - 6.7.1. General Description of the Process
 - 6.7.2. The Project
 - 6.7.3. Communication Campaigns
 - 6.7.4. The Pre-sales
 - 6.7.5. Payment and Token Allocation
- 6.8. Example of UTO of a Token as a Means of Payment
 - 6.8.1. Purpose of the Issue
 - 6.8.2. Tokenomics
 - 6.8.3. Allocation Process
- 6.9. Fan Token UTO Example
 - 6.9.1. Purpose of the Issue
 - 6.9.2. Tokenomics
 - 6.9.3. Allocation Process
- 6.10. Regulations Applicable to Utility Tokens
 - 6.10.1. Consumer Protection
 - 6.10.2. Consumer Protection Guidelines
 - 6.10.3. Supervising Agencies

Module 7. NFTs for Art and Collectibles

- 7.1. NFTs
 - 7.1.1. NFTs
 - 7.1.2. Key Features
 - 7.1.3. Examples of Popular NFTs
- 7.2. NFTs and Art World
 - 7.2.1. Changes in the Art Industry
 - 7.2.2. Examples of Art NFTs and their Market Value
 - 7.2.3. NFT Impact in Artists
- 7.3. NFTs as Collectibles
 - 7.3.1. The NFTs as Collectibles
 - 7.3.2. Examples of Popular Collectible NFTs and their Market Value
 - 7.3.3. NFTs and their Potential to Expand the Market for Collections





- 7.4. Social Impact of NFTs
 - 7.4.1. Social Benefits of NFTs
 - 7.4.2. NFTs for Communities Creation
 - 7.4.3. Opportunities NFTs Offer to the World of Art and Culture
- 7.5. Advantages and Disadvantages of NFTs
 - 7.5.1. The End of Counterfeiting
 - 7.5.2. Vulnerabilities in the Security of NFTs
 - 7.5.3. NFTs and Its Impact on the Environment
- 7.6. Technology behind NFTs
 - 7.6.1. Blockchain and its Role in the Creation of NFTs
 - 7.6.2. Smart Contracts and its Use in the Creation of NFTs
 - 7.6.3. Creation and Verification of NFTs
- 7.7. Creation of NFTs and Royalties
 - 7.7.1. Copyrights
 - 7.7.2. Secondary Market Control
 - 7.7.3. Transparency and Monitoring
- 7.8. NFT Markets
 - 7.8.1. Market Platforms
 - 7.8.2. Purchasing Process
 - 7.8.3. Value and Demand
- 7.9. NFTs in Different industries
 - 7.9.1. NFTs in the Music Industry
 - 7.9.2. NFTs in the Video Sports Industry
 - 7.9.3. NFTs in the Video Game Industry
- 7.10. The Future of NFTs
 - 7.10.1. Trends in the of NFTs Market
 - 7.10.2. Changes in the Near Future
 - 7.10.3. NFT Impact in Global Economy

Module 8. Authenticity Certification with NFTs

- 8.1. NFT concept for luxury goods
 - 8.1.1. Objectives and Needs of the Luxury Sector
 - 8.1.2. Structure of NFTs
 - 8.1.3. NFT-Compatible Networks
- 8.2. Size of the Counterfeit Market
 - 8.2.1. Secondary and Parallel Market
 - 8.2.2. Other Anti-Counterfeiting Tools
 - 8.2.3. Size of the Market and Losses Incurred by the Brands
- 8.3. NFTs as a Guarantee of Authenticity Against Counterfeiting
 - 8.3.1. NFT: The Only Completely Tamper-Proof Solution
 - 8.3.2. Integration of NFTs in Product Certification Chains
 - 8.3.3. Verification of Authenticity Guarantees
- 8.4. Elimination of Double Sales with CFNs
 - 8.4.1. Problem of Double Selling in the Digital Sector
 - 8.4.2. Solutions Provided by Blockchain Technology
 - 8.4.3. Smart Contract Modifications to Ensure that Double Sales Cannot Be Made
- 8.5. Sale and Purchase Process with NFTs
 - 8.5.1. Markets for Authentication NFTs
 - 8.5.2. Independent Platforms
 - 8.5.3. NFT Management Wallets
- 8.6. Article Traceability
 - 8.6.1. Product Traceability
 - 8.6.2. Blockchain Options for Traceability
 - 8.6.3. Traceability Products in Blockchain
- 8.7. Valuation of NFTs
 - 8.7.1. Tokenomics of Authenticity NFTs
 - 8.7.2. Value of NFTs
 - 8.7.3. Residual Value of NFTs in Consumable Products
- 8.8. Use Case 1. Watches
 - 8.8.1. Customer Needs
 - 8.8.2. Residence of Product Value
 - 8.8.3. Customer Benefits with the Use of NFTs

- 8.9. Use Case 2. Bottles of Wine
 - 8.9.1. Customer Needs
 - 8.9.2. Residence of Product Value
 - 8.9.3. Customer Benefits with the Use of NFTs
- 8.10. Other Possible Cases of Use
 - 8.10.1. Application of Certificates in Other Industries
 - 8.10.2. NFT as Certificate in Access Management
 - 8.10.3. NFT as a Carbon Credit Certificate

Module 9. The NFTs in the Metaverse, DAOs and New Trends

- 9.1. NFTs in the Metaverse
 - 9.1.1. Concept of Metaverse. Characteristics
 - 9.1.2. Importance of NFTs in the Metaverse
 - 9.1.3. Examples of Existing Metaverse
- 9.2. Use of NFTs in the Metaverse
 - 9.2.1. Creation and Sale of Unique Virtual Objects
 - 9.2.2. Immersive Gaming and Entertainment Experiences
 - 9.2.3. Possibilities for Investment in the Metaverse through NFTs
- 9.3. Economic Impact of NFTs in the Metaverse
 - 9.3.1. Growth of the Industry of NFTs in the Metaverse
 - 9.3.2. Benefits to Creators and Owners of NFTs
 - 9.3.3. Potential of NFTs to Revolutionize the Digital Economy
- 9.4. DAOs
 - 9.4.1. Definition and Characteristics of a DAO Network
 - 9.4.2. Operation of a DAO
 - 9.4.3. Differences between a DAO and Traditional Companies
- 9.5. Examples of DAOs
 - 9.5.1. Successful examples of DAOs in the crypto industry
 - 9.5.2. DAOs for Project Financing
 - 9.5.3. DAOs for Digital Community Governance
- 9.6. Advantages and Disadvantages of DAOs
 - 9.6.1. Advantages of DAOs Compared to Traditional Companies
 - 9.6.2. Disadvantages and Risks Associated with DAOs
 - 9.6.3. Legal and Regulatory Considerations for DAOs

- 9.7. DAOs and their Relationship with NFTs
 - 9.7.1. Benefits and Challenges of Integrating NFTs into DAOs
 - 9.7.2. Use of NFTs in DAOs
 - 9.7.3. Examples of DAOs that Use NFTs in their Business Models
- 9.8. The Trend Towards Decentralization - Web 3.0
 - 9.8.1. Concept of Web 3.0
 - 9.8.2. Differences between Web3 and Web2
 - 9.8.3. Advantages of Decentralization in the Digital World
- 9.9. Trends in Decentralized Finance - DeFi
 - 9.9.1. Definition of DeFi
 - 9.9.2. Benefits of DeFi over Traditional Finance
 - 9.9.3. Challenges and Risks associated with DeFi
- 9.10. New Trends with NFTs
 - 9.10.1. Tokenization of Physical Assets and its Relation to NFTs
 - 9.10.2. The Use of NFTs in the Creation of Digital Identities and its Impact on Privacy
 - 9.10.3. NFTs in Sectors such as Education, Health and the Environment

Module 10. Token Taxation

- 10.1. Indirect Taxes
 - 10.1.1. Indirect Taxes. Characteristics
 - 10.1.2. Types and Examples of Indirect Taxes
 - 10.1.3. Indirect Taxes Applied to Tokens
- 10.2. Taxation on the Purchase of a Token (VAT)
 - 10.2.1. Application of Indirect Taxes to Different Types of Tokens
 - 10.2.2. Types, Settlements, and Filing Deadlines
 - 10.2.3. Methods of Control by the Administration
- 10.3. Direct Taxes. Key Characteristics
 - 10.3.1. Direct Taxes
 - 10.3.2. Types and Examples of Direct Taxes
 - 10.3.3. Income Taxes
- 10.4. Wealth Taxes
 - 10.4.1. Concept of the Tax
 - 10.4.2. Assets Subject to Wealth Tax
 - 10.4.3. Countries of Application
- 10.5. Direct Taxes
 - 10.5.1. Characteristics
 - 10.5.2. Examples of these Direct Taxes
 - 10.5.3. Countries of Application
- 10.6. Taxation of the Sale of a Token. Income
 - 10.6.1. Application of Direct Taxes to Different Types of Tokens
 - 10.6.2. Different Types of Token Returns
 - 10.6.3. Income
 - 10.6.4. Different Wealth Taxes Around the World
 - 10.6.5. Others
- 10.7. Other Applicable Taxes
 - 10.7.1. Informative Declarations
 - 10.7.2. Examples, Deadlines, and Information in Informative Declarations
 - 10.7.3. Other Tax Issues
- 10.8. International Taxation
 - 10.8.1. International Taxation Principles
 - 10.8.2. European Union (MiCA)
 - 10.8.3. Analysis of Different Regulations for the Same Operation
- 10.9. Tax Havens
 - 10.9.1. Characteristics and Types
 - 10.9.2. Prevention and Control of Tax Havens
 - 10.9.3. Influence on Crypto Assets
- 10.10. Tax Planning
 - 10.10.1. Tax Planning. Concept
 - 10.10.2. Tax Planning for Individuals and Companies
 - 10.10.3. International Taxation for Crypto Assets (CBDs). Evolution and Trends

04

Teaching Objectives

The Executive Master's Degree in Tokenization and NFTs trains professionals in the creation, management, and marketing of digital assets. In turn, students will develop advanced skills in blockchain, smart contracts, and crypto asset regulation, optimizing investment and security strategies. In addition, graduates will acquire skills in NFT monetization, enabling them to lead innovative projects in the new decentralized economy.



A close-up, shallow depth-of-field photograph of several gold-colored Bitcoin coins. The coins are stacked and slightly overlapping, with the intricate circuitry and the Bitcoin logo visible on the surface. The lighting is warm, creating a golden glow. The background is dark and out of focus.

“

You will manage the most modern strategies to assess the value of tokens and their potential profitability in the market”



General Objectives

- Understand the fundamentals of Tokenization and its impact on the digital economy, exploring its application in different sectors and the evolution of decentralized markets
- Analyze blockchain networks and their technical specifications, delving into the use of platforms such as Ethereum
- Evaluate payment solutions for buying and selling tokens, from bank transfers to cryptocurrencies, considering factors such as costs, security, and transaction speed
- Implement security models in blockchain, addressing the vulnerabilities of decentralized networks and protection strategies in digital transactions
- Apply advanced techniques in digital asset taxation, analyzing token taxation, international regulations, and their impact on financial planning
- Explore the potential of NFTs in the Metaverse and the digital economy, understanding their use in the creation of virtual objects and the governance of decentralized communities



You will design innovative financing strategies with crowdfunding and STOs in the blockchain ecosystem"





Specific Objectives

Module 1. Emerging Fintech Business Models

- ♦ Analyze unmet needs in the Fintech sector and how new technologies are transforming business models
- ♦ Explore the evolution of Fintech models, from B2C to B2B, and their impact on the digital economy
- ♦ Identify opportunities and threats in the Fintech ecosystem, assessing their implications for global markets

Module 2. The Asset Tokenization Process

- ♦ Understand the concept of tokenization and its application to different types of assets, both physical and digital
- ♦ Analyze the differences between traditional asset issuance and tokenization models
- ♦ Study the process of conceptualization, placement, and allocation of tokens in primary and secondary markets
- ♦ Evaluate the advantages of tokenization in terms of liquidity, security, and democratization of investments

Module 3. Blockchain Networks for Asset Tokenization

- ♦ Examine the different types of blockchain networks and their application in asset tokenization
- ♦ Analyze security in decentralized networks and the challenges in protecting digital transactions
- ♦ Understand how smart contracts work and their impact on the automation of financial processes

Module 4. Payment Solutions in Token Trading

- ♦ Evaluate payment solutions for the acquisition and sale of tokens, from bank transfers to cryptocurrencies
- ♦ Analyze key factors in the selection of payment methods, considering costs, security, and transaction speed
- ♦ Study the functioning of payment gateways and their integration with token trading platforms
- ♦ Delve into Anti-Money Laundering regulations and procedures to ensure secure transactions

Module 5. Security Tokens

- ♦ Understand the concept of Security Tokens and their regulation in financial markets
- ♦ Analyze the differences between STOs and other financing methods such as ICOs and Crowdfunding
- ♦ Assess the legal and technical processes involved in issuing Security Tokens
- ♦ Study successful cases of Security Token implementation in different sectors

Module 6. Utility Tokens

- ♦ Gain a deeper understanding of utility tokens and their role within digital ecosystems
- ♦ Explore their use as a means of payment and loyalty tool in blockchain business models
- ♦ Assess their impact on the creation of decentralized communities and digital economies
- ♦ Analyze practical examples of utility tokens in sectors such as video games, entertainment, and social media



Module 7. NFTs for Art and Collectibles

- ♦ Analyze the evolution of NFTs and their impact on the art market, collectibles, and digital assets
- ♦ Assess the role of smart contracts in certifying authenticity and digital ownership
- ♦ Explore the potential of NFTs in industries such as music, fashion, and video games
- ♦ Identify the opportunities and risks associated with investing in NFTs in decentralized markets

Module 8. Authenticity Certification with NFTs

- ♦ Study the impact of NFTs on the development of the Metaverse and virtual asset ownership
- ♦ Analyze the concept of DAOs (Decentralized Autonomous Organizations) and their relationship with tokenization
- ♦ Assess how decentralization and decentralized finance (DeFi) are revolutionizing markets
- ♦ Understand emerging trends in the digital economy and their impact on the mass adoption of tokenization

Module 9. The NFTs in the Metaverse, DAOs and New Trends

- ♦ Examine international regulations applicable to digital assets and tokenization
- ♦ Analyze token taxation, its fiscal impact, and regulatory frameworks in different jurisdictions
- ♦ Identify legal risks and compliance strategies for businesses and individuals
- ♦ Explore the evolution of blockchain regulations and regulatory challenges in the digital financial ecosystem

Module 10. Token Taxation

- ♦ Design investment strategies for digital assets, considering volatility and risk
- ♦ Explore tokenization-based business models and their application in different industries
- ♦ Assess the role of secondary markets in the liquidity and revaluation of digital assets
- ♦ Identify growth opportunities in the tokenized asset ecosystem and its future prospects

05

Career Opportunities

This university program represents a unique opportunity for all professionals seeking to specialize in Asset Tokenization and NFTs. Upon completion of the syllabus, graduates will have advanced skills to apply blockchain technology in the issuance, marketing, and regulation of tokens, thereby expanding their job opportunities in decentralized markets. Students will also be prepared to lead innovative projects in the digital economy, driving the transformation of key sectors.



“

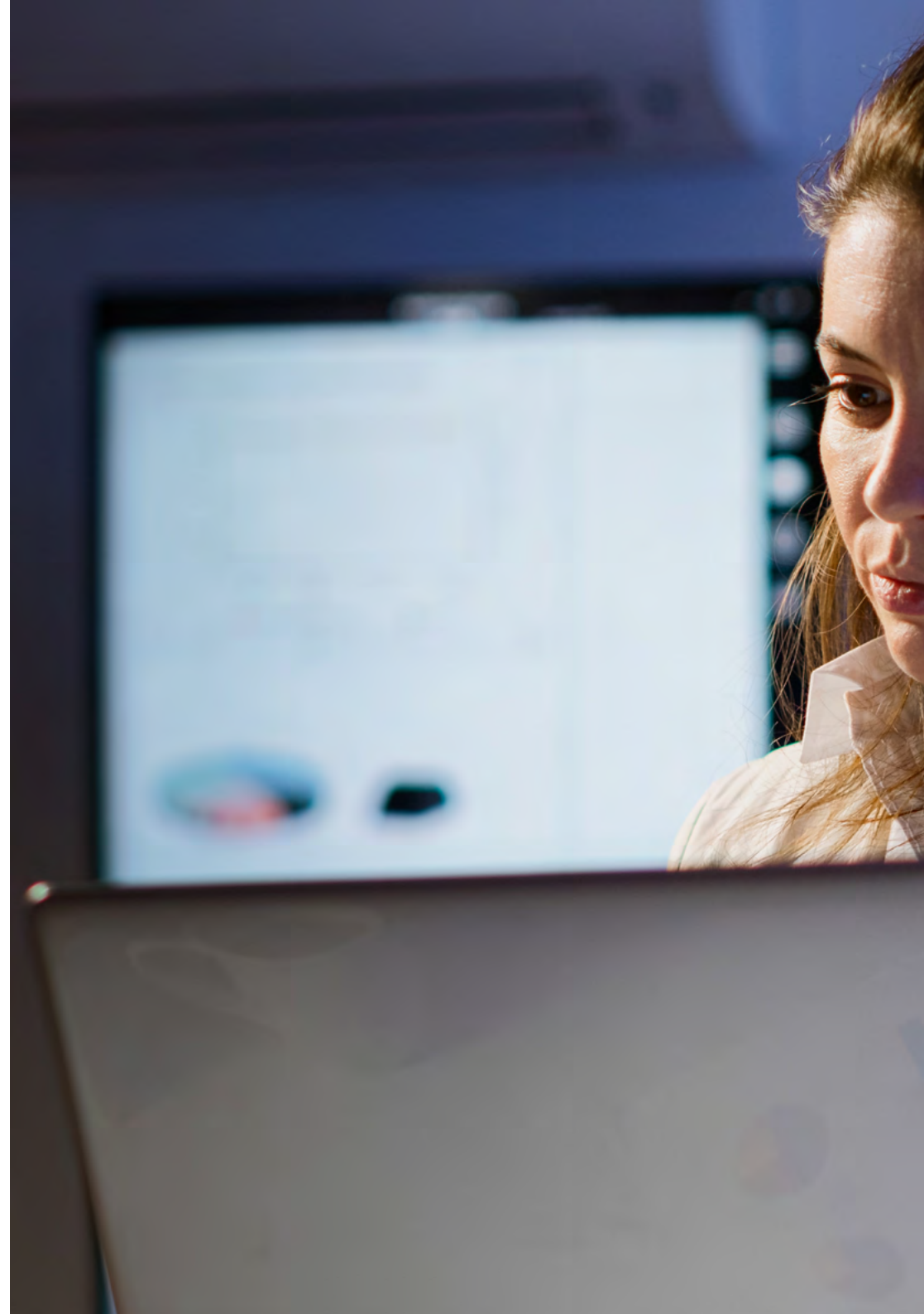
Are you looking to train as an Asset Tokenization Specialist in sectors such as Finance? Achieve it with this university degree in just a few months”

Graduate Profile

Graduates of this Executive Master's Degree will be specialists in blockchain and digital economics, trained to develop tokenization projects in various industries. They will also have in-depth knowledge of token creation and marketing, understanding the technical, legal, and tax aspects. In addition, they will be prepared to lead projects in decentralized markets, ensure the security of digital transactions, and explore new opportunities in NFTs.

You will develop smart contracts that improve the security of economic transactions on decentralized platforms.

- ♦ **Technological Adaptation in Digital Environments:** Ability to integrate blockchain technology into asset digitization and token creation, optimizing security and efficiency in digital transactions
- ♦ **Financial Problem Solving:** Ability to apply critical thinking in the analysis and development of tokenization strategies, optimizing the liquidity, decentralization, and accessibility of digital assets
- ♦ **Ethical Commitment and Data Security:** Responsibility for applying security regulations and standards in the management of tokens and NFTs, ensuring transparency and protection of information on blockchain platforms
- ♦ **Interdisciplinary Collaboration:** Ability to work with multidisciplinary teams in the development of NFT projects and the tokenization of physical and digital assets, facilitating their integration into different economic sectors





After completing the university program, you will be able to apply your knowledge and skills in the following positions:

- 1. Asset Tokenization Specialist:** Responsible for designing and implementing tokenization models in different industries, ensuring their viability and profitability.
- 2. Blockchain and Cryptoasset Consultant:** Responsible for advising companies on the integration of decentralized technologies and token-based strategies.
- 3. NFT and Digital Market Manager:** Expert in the creation, marketing, and authentication of NFTs on specialized platforms.
- 4. DeFi Strategy Analyst:** Evaluator of investment and development opportunities on decentralized finance platforms.
- 5. Digital Asset Regulation and Taxation Specialist:** Professional responsible for ensuring regulatory compliance in the issuance and marketing of tokens.
- 6. Smart Contract Developer:** Programmer specializing in the creation of smart contracts to automate financial and commercial processes.

“

You will ensure regulatory compliance in the issuance and marketing of Tokens”

06

Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



“

TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

“

*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“

TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule"

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

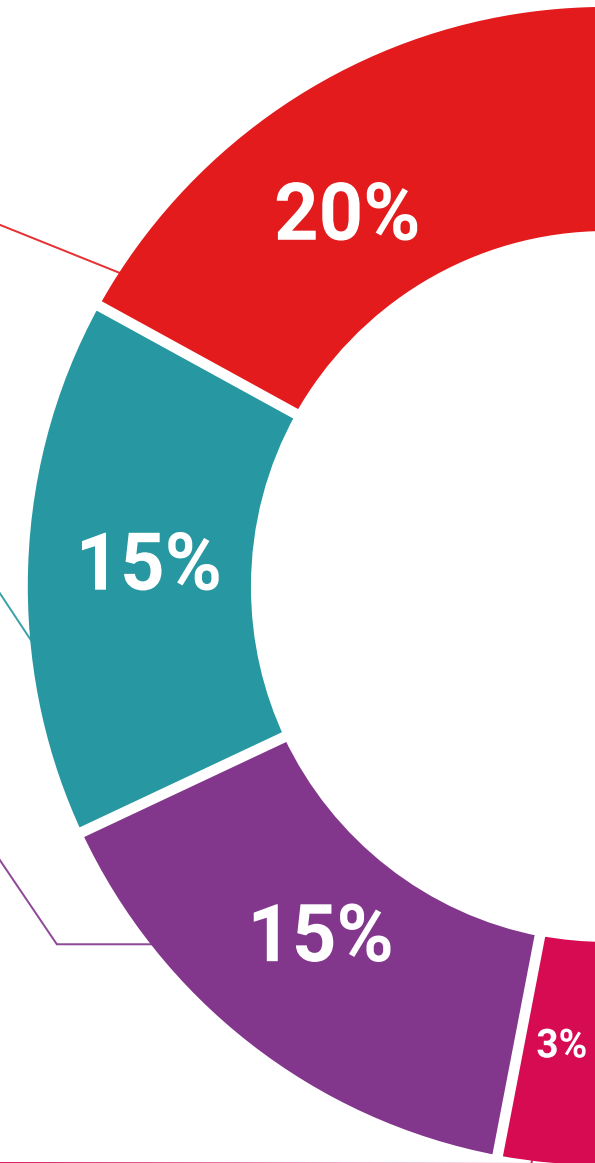
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

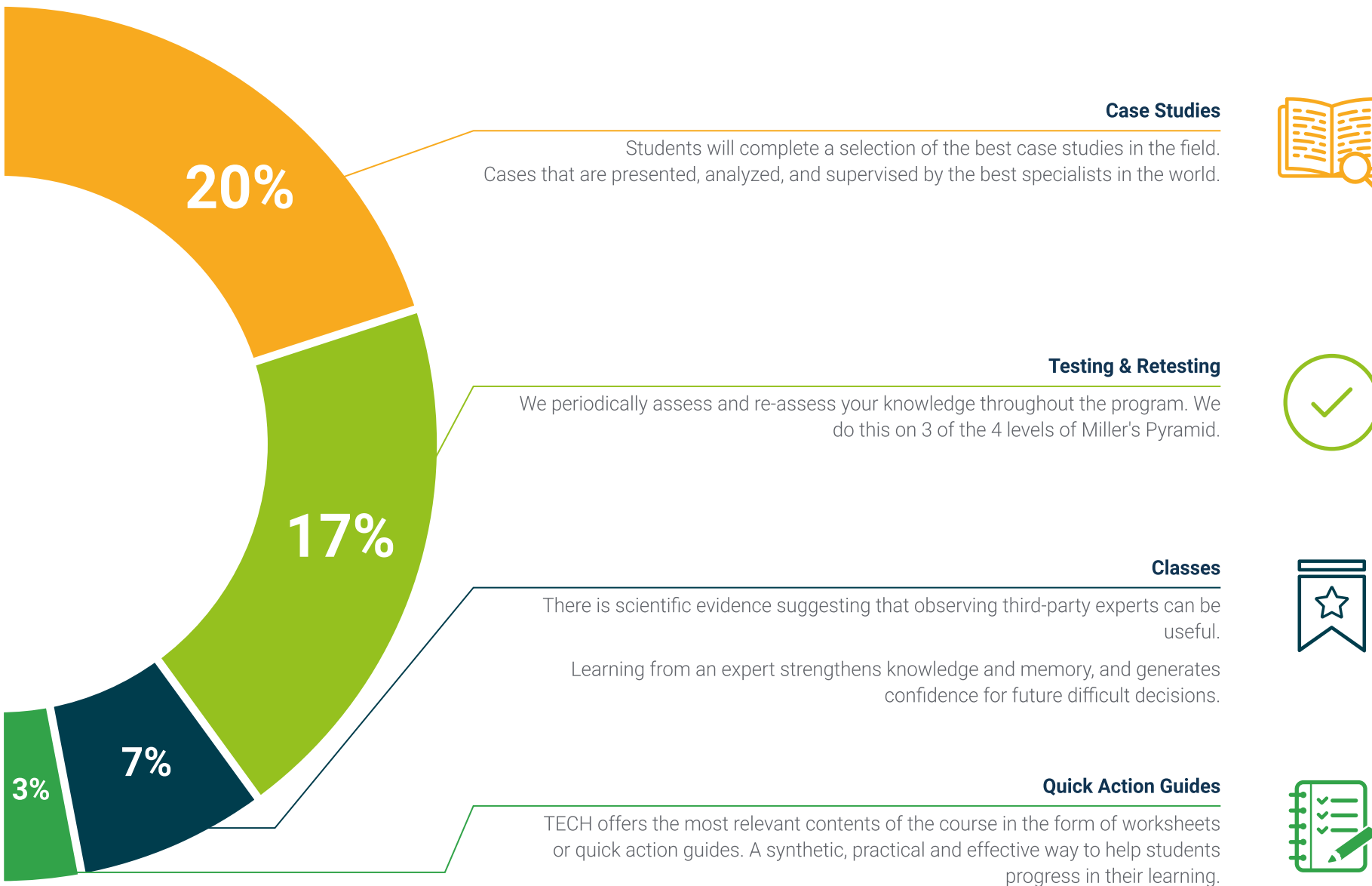
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





07

Teaching Staff

TECH has assembled a team of top-level specialists to design this program, ensuring quality teaching in Tokenization and NFTs. Students will receive up-to-date knowledge and innovative strategies from experts with extensive experience in the field. This will enable them to develop key skills to lead blockchain projects, optimize digital assets, and stand out in a constantly evolving market.



“

You will master the payment solutions used in the sale of tokens, expanding your skills in the field of digital transactions with this exclusive TECH program”

Management



Dr. Gómez Martínez, Raúl

- ♦ Founding Partner and CEO of Open 4 Blockchain Fintech
- ♦ Founding Partner of InvestMood Fintech
- ♦ Apará's CEO
- ♦ PhD in Business Economics and Finance from the University Rey Juan Carlos de Madrid
- ♦ Bachelor's Degree in Economics and Business Administration, Complutense University of Madrid
- ♦ Master's Degree in Economic Analysis and Financial Economics, Complutense University of Madrid

Professors

Mr. García Gorriti, Borja

- ♦ Entrepreneur and Systems Engineer
- ♦ Best startup in La Rioja with stampymail
- ♦ One of the 10 best young innovators by the ministry of industry with the Stampymail project
- ♦ Master's Degree in Blockchain, University Miguel de Cervantes
- ♦ Technical Engineer in Computer Systems, University from Alcalá de Henares

Mr. García Gorriti, Juan

- ♦ Consultant specializing in corporate taxation
- ♦ Specialist in Blockchain and cryptoassets
- ♦ Entrepreneur helping the creation of innovative companies from the legal/tax field
- ♦ Private teaching in the legal and administrative field

Mr. Diner, Franco

- ♦ Blockchain Developer at Open 4 Blockchain Fintech
- ♦ Blockchain Developer at Bifrost
- ♦ IT Developer at Arbell
- ♦ Fullstack Developer at Digital House
- ♦ Systems Analyst at O.R.T. Technical School
- ♦ Degree in IT from the University of Palermo
- ♦ Tutor and teacher of Coderhouse Web Development

Mr. Gratacós Sánchez de Rivera, Ignacio

- ♦ Image Personnel Coordinator at ATRESMEDIA
- ♦ Events staff coordinator at Alternativa Eventos
- ♦ Double Degree in Law and Business Administration from the Rey Juan Carlos University
- ♦ Postgraduate Diploma in E-Commerce, Rey Juan Carlos University
- ♦ Postgraduate Diploma in Digital Marketing from the Rey Juan Carlos University

Mr. Saiz De Pedro, Marcos Manuel

- ♦ Responsible for data collection at Magnum & Partners
- ♦ Double Degree in Law and Business Administration
- ♦ Degree in Business Administration and Management from Ludwig Maximilians Universität
- ♦ Degree in Telecommunication Technologies and Services from the Polytechnic University of Madrid

Mr. González Serradilla, Miguel Ángel

- ♦ General Coordinator of IURIS at Rey Juan Carlos University
- ♦ Member of the Faculty of Economics and Business Sciences
- ♦ Delegate of the Degree in Law at Rey Juan Carlos University
- ♦ Delegate of the Degree in Business Administration and Management at Rey Juan Carlos University
- ♦ Member of the National Council of Law Students

Mr. Mateo Castro, Manuel

- ♦ Blockchain and Cryptocurrency Specialist
- ♦ Management of metrics development for the analysis of results in Ospina Abogados
- ♦ Billing Management at FACE S.L
- ♦ Degree in Business Administration and Management from the Business & Marketing School
- ♦ Expert in Global Marketing Management by Business & Marketing School



A unique, crucial and decisive learning experience to boost your professional development"

08 Certificate

This Executive Master's Degree in Tokenization and NFTs guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the Executive Master's Degree issued by TECH Global University.



“

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

This private qualification will allow you to obtain a diploma for the **Executive Master's Degree in Tokenization and NFTs** 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.



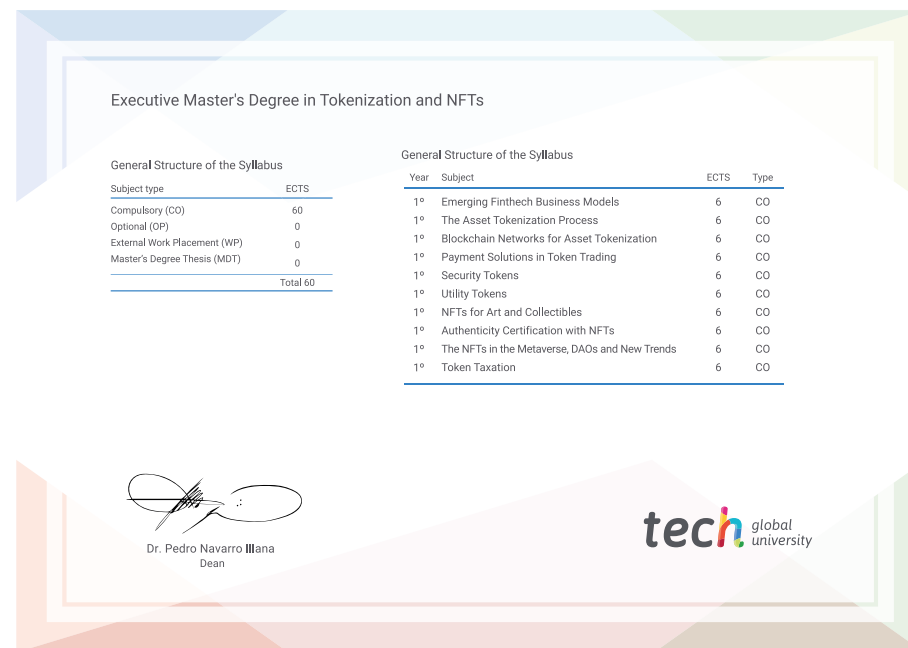
This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Executive Master's Degree in Tokenization and NFTs**

Modality: **online**

Duration: **12 months**

Accreditation: **60 ECTS**





Executive Master's Degree Tokenization and NFTs

- » Modality: online
- » Duration: 12 months
- » Certificate: TECH Global University
- » Accreditation: 60 ECTS
- » Schedule: at your own pace
- » Exams: online

Executive Master's Degree

Tokenization and NFTs

