



TOKEN REVOLUTION · tokenrevolution.net

FINANCIAL SPECIALIZATION

Specialization in Tokenized Finance and Business

"Tokenomics, DeFi and 21st-century real-asset investment"

4 months · 180 hours · 5 modules · 100% online

Economists, CFOs, MBAs, investment analysts, financial advisors, fund managers

990 CHF

Program Description

The Specialization in Finance and Business is designed for economists, CFOs, MBAs, financial advisors and investors who understand business and finance but need to master tokenomics, decentralized finance and token-based investment strategy as a real alternative to traditional financing instruments.

This program is not a speculative cryptocurrency course. It is a rigorous specialization in a new set of financial tools: how a token's value is modeled, how DeFi markets work, how to analyze and select investments in tokenized real-world assets (RWA), and how to structure and communicate capital-raising projects within the blockchain ecosystem.

Title	Specialization in Token Finance and Decentralized Investment Strategy
Program Director	Joan Navarro Delgado — TokenRevolution.net
Format	100% Online · 90-minute live sessions every two weeks (recorded) + asynchronous content
Duration	4 months / approximately 180 hours of learning
Language	Spanish and English — materials available in both languages
Certification	Specialist in Token Finance and Decentralized Investment Strategy
Profile	Economists, CFOs, MBAs, investment analysts, financial advisors, fund managers
Entry requirement	Financial background + Modules M0-M1 of the General Course or equivalent
Places per edition	30 participants maximum
Price	990 CHF



Learning Objectives

By the end of the specialization, participants will be able to:

- Design financially sound tokenomics: supply, distribution, valuation and ROI projection models.
- Analyze and compare DeFi projects: AMMs, lending protocols, yield farming and liquidity provision.
- Evaluate investments in tokenized Real World Assets (RWA) using a structured due diligence framework.
- Structure tokenized capital-raising campaigns without bank guarantees or collateral.
- Build financial models for tokenization projects: NPV, IRR, sensitivity analysis and scenario planning.
- Build and manage a portfolio of tokenized assets using correlation and diversification criteria.
- Understand the impact of CBDCs and ESG trends on crypto-asset markets.



Program Structure — 5 Modules over 4 Months

F1 Advanced Tokenomics and Financial Modeling

3 weeks · 40 hours

Tokenomics is the financial backbone of any tokenization project. This module provides the quantitative and qualitative tools to design and evaluate tokenomics with financial rigor, beyond the generic templates that abound in the market.

Week 1 — Supply and Inflation Design

- Supply models: inflationary vs deflationary vs fixed — implications for price and holder retention.
- Token distribution: the proportions the market expects for team, investors, community and reserves.
- Vesting and cliff schedules: how to protect token price and align long-term incentives.
- Bonding curves: mechanics, types (linear, exponential, sigmoid) and applications in tokenization projects.
- Liquidity Bootstrapping Pools (LBPs): the fair-launch pricing mechanism — Balancer analysis.

Week 2 — Financial Modeling of Tokens

- Token valuation: quantitative and qualitative methods — NVT ratio, Metcalfe's law, comparable transactions.
- Financial projections for tokenization projects: investor ROI, project NPV and IRR.
- Scenario analysis: bull, base and bear models — sensitivity analysis for key variables.
- KPIs for tokenized projects: TVL, market cap/FDV ratio, holder distribution, token velocity.
- Revenue modeling: how RWA projects generate cash flows for holders.

Week 3 — Portfolio Modeling Case Studies

- Full financial modeling of TWR (TechWater): how nonprofit infrastructure is financed with tokens.
- Comparative tokenomics analysis: BIOP (real estate) vs SMD (mining) — different return structures.
- Modeling the HST case: how patented technology is tokenized with multiple recurring revenue streams.
- The most common quantitative mistakes in tokenomics design and how to spot them in due diligence.

DELIVERABLE: Deliverable: complete financial modeling of your own project or an assigned case study: supply, distribution, valuation projection, scenario analysis and tracking KPIs.

REAL CASE: BIOP vs traditional real estate investment

Quantitative comparative analysis: expected return, liquidity, minimum investment access and risk profile of tokenized BIOP versus a conventional real estate investment in the same luxury rural tourism market.



F2 Decentralized Finance (DeFi) for Professionals

3 weeks · 40 hours

DeFi is not just for crypto traders. For a financial professional, DeFi represents a new set of market tools: new forms of liquidity provision, new credit instruments and new reward structures that are transforming how capital flows globally.

Week 4 — DeFi Architecture: AMMs, Lending and Yield

- AMMs (Automated Market Makers): Uniswap, Curve, Balancer — how they work and what they mean for token issuers.
- Lending protocols: Aave, Compound — collateral mechanisms, dynamic interest rates and liquidation risk.
- Yield farming: how yields are generated, why they are unsustainable long-term and how to evaluate them.
- Staking and passive income: designing sustainable reward systems for RWA tokenization projects.
- Liquidity provision: how liquidity providers earn and what risks they actually take on.

Week 5 — Liquidity Strategy and Institutional DeFi

- DEX vs CEX: liquidity strategy, market depth, slippage and relationship with professional market makers.
- Market makers in token projects: role, selection, negotiation and typical industry agreements.
- Tokenized bonds and RWA protocols: Maple Finance, Centrifuge, Ondo Finance, Goldfinch — comparative analysis.
- On-chain credit markets: how institutional credit is moving onto the blockchain.
- Institutional DeFi 2026: the current state of adoption by asset managers and investment banks.

Week 6 — DeFi Risk Management

- Smart contract risk for investors: how to assess a protocol's security before investing.
- Impermanent loss: exact mechanics, quantifying the impact and available hedging strategies.
- Oracle manipulation: how to protect DeFi positions from price feed attacks.
- Regulatory risk in DeFi: implications of MiCA for decentralized protocols and their users.

DELIVERABLE: Applied DeFi analysis: select a DeFi protocol relevant to your investment strategy or project and perform a complete analysis — mechanics, risks, TVL, protocol tokenomics and regulatory outlook.



F3 Real World Asset (RWA) Investment Markets

3 weeks · 35 hours

The tokenized real-world asset market is the fastest-growing segment in the blockchain ecosystem. This module analyzes the market from the professional investor's perspective: what real opportunities exist, how to evaluate them rigorously, and how to build RWA investment positions with a portfolio mindset.

Week 7 — The Institutional RWA Market

- BlackRock BUIDL, Franklin Templeton OnChain: analysis of major asset managers' market-entry strategy.
- Tokenized real estate: investment structures, yield mechanics, liquidity windows and comparison with REITs.
- Tokenized commodities: gold (PAXG, XAUT), silver, oil, water and on-chain agricultural products — market analysis.
- Tokenized private equity and venture capital: democratizing alternative investments through blockchain.
- Tokenized debt: bonds, private credit and structured notes on-chain — current state and outlook.

Week 8 — Due Diligence for RWA Token Investment

- Due diligence framework: the 12 factors that determine the quality of an RWA token.
- Red flags: signs of fraudulent, poorly structured projects or those with unsustainable return promises.
- Exit liquidity analysis: how to assess the real capacity for divestment in RWA tokens.
- Legal analysis of fractional ownership: what rights the token holder actually has.

Week 9 — TR Portfolio Investment Analysis

- BIOP: complete investment analysis — expected return, specific risk and target investor profile.
- SMD (Guinea-Conakry): solidarity mining — how to combine financial return with measurable social impact.
- Building a diversified RWA token portfolio: correlations and optimal weights by risk profile.
- Comparative analysis: RWA token portfolio vs traditional real estate portfolio vs European fixed income.

DELIVERABLE: Investment analysis: prepare a complete due diligence report on a real RWA token (from the TR portfolio or a third party) and build an allocation proposal within a diversified investment portfolio.

REAL CASE: TWR — TechWater: impact tokenization

Financial analysis of the portfolio's only nonprofit project: how the tokenization of social-impact water infrastructure is structured, what (non-monetary) return holders receive, and why this model is relevant to ESG investors and family offices with an impact mandate.



F4 Investor Relations and Capital Raising

3 weeks · 35 hours

Structuring, communicating and closing tokenized financing rounds. This module covers the complete capital-raising cycle for tokenization projects: from presale design to long-term investor retention, with special attention to regulatory compliance in communications.

Week 10 — Capital Raising Structure

- Presale design: pricing tiers, whitelist mechanics and specific incentives for early backers.
- Tokenization funding rounds: seed, private, public — standard market discounts and criteria.
- Financing without bank guarantees or collateral: why tokenization is the new VC for real assets.
- Structuring SAFE equivalents for token projects: how to protect investors and the project.
- Financial comparison for CFOs: tokenization vs bank loan vs traditional capital increase.

Week 11 — The Tokenized Investor

- Cross-generational investor profile: crypto-native millennials, Gen X, institutions and family offices.
- Investor communication under MiCA: how to inform transparently without creating liability as a security.
- Investor relations in token projects: optimal frequency, format and content of reports.
- Attracting international investors: how to access capital networks in Europe, Latam, the Middle East and Asia.

Week 12 — Retention and Post-Raise Strategy

- Token holder retention: loyalty programs, exclusive utilities and governance rights for engagement.
- Expectation management: communication during periods of volatility and roadmap execution amid delays.
- Case analysis: how BKTL attracts and retains investors connected to the Spanish basketball ecosystem.

DELIVERABLE: Capital-raising plan: design the complete tokenized financing strategy for a real or hypothetical project — presale structure, investor targeting, pitch deck, reporting model and retention plan.



F5 Macro Trends and Token Portfolio Strategy

2 weeks · 30 hours

The closing module places tokenization projects in the global macroeconomic context. How do RWA tokens behave in different phases of the economic cycle? What impact will CBDCs have? How can tokenized assets be integrated into a diversified institutional portfolio?

Week 13 — Market Cycles, CBDCs and ESG

- Crypto market cycles: how RWA tokens behave in bull and bear markets vs. speculative cryptocurrencies.
- Building a tokenized portfolio: correlations between RWA tokens and traditional assets, optimal diversification.
- CBDCs (Central Bank Digital Currencies): impact on project tokens and DeFi markets.
- ESG tokenization: sustainable finance and blockchain — tokenizing carbon credits, green bonds and water.
- ESG regulation and blockchain: the SFDR directive, the European green taxonomy and their impact on RWA projects.

Week 14 — Industry Outlook and Capstone

- The RWA market in 2030: projections, dominant players and the sectors expected to grow the most.
- The role of artificial intelligence in managing tokenized asset portfolios.
- Regulatory arbitrage opportunities in cross-border tokenization of real assets.

DELIVERABLE: Financial capstone: design a complete financial tokenization strategy for a real business case — tokenomics, fundraising model, DeFi strategy, investment portfolio and investor exit plan.



Project Portfolio — Financial Case Studies

The Token Revolution portfolio projects most relevant to the financial specialization:

Token	Sector	Description
TREV	Tokenization services	Comprehensive tokenization services platform for startups, companies, associations, foundations and entrepreneurs.
TWR	Water resources	TechWater: scalable sustainable water infrastructure for environments of extreme scarcity. Nonprofit.
BIOP	Sustainable luxury tourism	BIO boutique luxury (centered in Albarracín) expanding to Valencia and international markets.
BKTL	Elite sport	Spain's first high-performance basketball ecosystem (Cornellà, Barcelona). Global Basket-LAB network.
SMD	Solidarity mining	Gold mining in Guinea-Conakry with solidarity investment in local education, agriculture and health.
OLEUM	Agriculture / Olive growing	Global sustainable olive-growing system: healthy food, therapeutic cosmetics and agrotourism.

Full project portfolio available as reference material:

Token	Sector	Description
PROA	Heritage real estate	Sustainable acquisition and operation of historic buildings for social, healthcare and medical research use.
TREV	Tokenization services	Comprehensive tokenization services platform for startups, companies, associations, foundations and entrepreneurs.
RSID	Hospitality and sport	Sustainable restaurants and sports facilities — a tokenized access and loyalty ecosystem.
1LX	Multimedia technology	Advanced sustainable multimedia technology systems and next-generation content infrastructure.
TFH	Tourism + AI	AI-driven platform for selecting sustainable tourism experiences that generate personal wellbeing.
PLK	Quantum computing	Cloud quantum middleware that lets tech companies integrate quantum computing without specialized staff.
CLAI	Legal AI + Blockchain	AI-driven blockchain legal advisory platform for international clients across multiple jurisdictions.
TWR	Water resources	TechWater: scalable sustainable water infrastructure for environments of extreme scarcity. Nonprofit.
BIOP	Sustainable luxury tourism	BIO boutique luxury (centered in Albarracín) expanding to Valencia and international markets.
BKTL	Elite sport	Spain's first high-performance basketball ecosystem (Cornellà, Barcelona). Global Basket-LAB network.
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OLEUM	Agriculture / Olive growing	Global sustainable olive-growing system: healthy food, therapeutic cosmetics and agrotourism.



Teaching Team

Joan Navarro Delgado — Founder & Director, TokenRevolution.net

Cybersecurity expert with more than two decades of experience in applied cryptography and digital strategy. Specialized in blockchain and crypto-assets since 2016. Active portfolio of 13+ tokenized projects across 13 industrial sectors. Member of AENOR, CEN and ISO working groups on digital identity and tokenized payment systems.

Company	Token Revolution (TokenRevolution.net) — Founder & Director
Education	Universitat Oberta de Catalunya (UOC)
Cybersecurity	More than 30 years of experience in cybersecurity and applied cryptography
Blockchain	Specialized in blockchain and crypto-assets since 2016
Active portfolio	13+ tokens designed and launched across 13 different industrial sectors
Standards	Member of AENOR, CEN and ISO — digital identity and payment methods
Languages	Spanish (native) · English (professional) — materials available in both

Live sessions feature guest experts from the industry: notaries specialized in digital assets, blockchain tax lawyers, engineers from international exchanges, university lecturers and entrepreneurs who have already tokenized their own projects.

Practical Information

Format	100% online — 90-minute live sessions every two weeks (recorded) + asynchronous independent work
Places	Maximum 30 participants per edition
Language	Spanish and English — materials available in both languages
Upcoming editions	October 1 · March 1
Price	990 CHF
Contact	trev@tokenrevolution.net · tokenrevolution.net