



# Executive Master's Degree Equity Financial Derivatives Trading

» Modality: online

» Duration: 12 months

» Certificate: TECH Global University

» Accreditation: 60 ECTS

» Schedule: at your own pace

» Exams: online

 $We b site: {\color{blue}www.techtitute.com/us/school-of-business/executive-master-degree/master-equity-financial-derivatives-trading} \\$ 

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## tech 06 | Introduction

The financial derivatives market is one of the most dynamic and strategic sectors within the stock exchange. The constant evolution of markets, the sophistication of financial products, and the growing need to optimize investment returns have made mastering derivatives an essential skill for industry professionals. In this context, understanding in depth futures and options contracts, their implications in portfolio management, and their impact on the risk-return relationship is crucial for those who wish to make informed decisions in an increasingly competitive environment.

As trading platforms and international markets have evolved, investors and financial analysts have faced new challenges and opportunities. Risk management, portfolio diversification, and the implementation of advanced strategies require a deep understanding of the mechanisms governing financial derivatives. Moreover, tools such as exotic options, calendar spreads, and portfolio optimization models have proven to be fundamental in maximizing efficiency in decision-making. This program provides the knowledge needed to apply these concepts in real-world scenarios, enabling graduates to thrive in global markets.

TECH's program covers everything from the fundamentals of derivatives trading to advanced hedging and speculation strategies, ensuring comprehensive preparation in managing these financial instruments. Throughout the curriculum, experts will explore the use of leverage in derivatives trading, the influence of volatility on option pricing, and the management of positions in highly fluctuating markets. Additionally, the program will delve into the analysis of option combinations, distinguishing their applications in bullish and bearish trends, with the aim of identifying profitable opportunities in different market contexts.

To ensure a flexible and accessible academic experience, this program is delivered 100% online. Students will have access to all content 24/7 from any device with an internet connection. Moreover, the learning methodology is based on the Relearning method, a technique that optimizes knowledge retention through the repetition of key concepts, facilitating the understanding of complex topics without the need for long hours of memorization.

This **Executive Master's Degree in Equity Financial Derivatives Trading** contains the most complete and up-to-date university program on the market. Its most notable features are:

- The development of practical cases presented by experts in Equity Financial Derivatives Trading
- 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 the self-assessment process can be carried out to improve learning
- Special emphasis on innovative methodologies in Equity Financial Derivatives Trading
- 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



Master financial derivatives trading and maximize the potential of your investments with a program designed to boost your success in global markets"



Explore the most advanced strategies in financial derivatives trading and apply hedging and optimization models to improve equity portfolio management"

The program includes a faculty of professionals from the field of Equity Financial Derivatives Trading, who bring their practical experience to this program, as well as recognized 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 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.

Access an innovative methodology that combines market analysis, directional strategies, and risk evaluation with cutting-edge digital tools.

Master futures and options trading through a 100% online program, allowing you to study at your own pace and from anywhere in the world.







## tech 10 | Why Study 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 syllabus



The most effective methodology

World's
No.
The World's largest
online university

## 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 toprated 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.





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#### Module 1. Derivatives Markets

- 1.1. Forward Contracts
  - 1.1.1. Risk in Operations
  - 1.1.2. Type of Risk Positions: Long and Short
  - 1.1.3. Risk Coverage
- 1.2. Organized Derivatives Markets
  - 1.2.1. Elimination of Counterparty Risk
  - 1.2.2. The Clearing House
  - 1.2.3. Standardized Contracts
- 1.3. Financial Futures. Investment Possibilities
  - 1.3.1. Financial Futures Contracts
  - 1.3.2. Basic Hedging with Financial Futures Coverage Ratio
  - 1.3.3. Guarantees and Daily Profit and Loss Settlement
- 1.4. Leverage Correct Use
  - 1.4.1. Leverage
  - 1.4.2. The Leverage Limit
  - 1.4.3. Risks Caused by the Abuse of Leverage
- 1.5. Financial Options Types
  - 1.5.1. Financial Options
  - 1.5.2. Call Options and Put Options
  - 1.5.3. European options and American options
- 1.6. Elements in Financial Options
  - 1.6.1. Strike or Option Exercise Price
  - 1.6.2. Time to Expiration of the Option
  - 1.6.3. Volatility
- 1.6. Hedging with Financial Options
  - 1.7.1. Use of the Coverage Ratio Limitations on Hedging with Options
  - 1.7.2. Hedging Transactions with Purchased Options
  - 1.7.3. Hedging Transactions with Sold Options
- 1.8. Investment and Arbitrage with Financial Options
  - 1.8.1. Investment Transactions with Purchased Options
  - 1.8.2. Investment Transactions with Sold Options
  - 1.8.3. Options Arbitrage Operations

- 1.9. Calculation of Margins in Basic Option Positions
  - 1.9.1. Options Purchased and Options Sold
  - 1.9.2. Strike
  - 1.9.3. Daily Settlement Procedure on Account of Warranties with Options
- 1.10. International Derivatives Markets
  - 1.10.1. European Markets
  - 1.10.2. American Markets
  - 1.10.3. Unorganized International Markets

#### **Module 2.** Equity Derivatives

- 2.1. Investment in Equities Investment in Shares: Elements
  - 2.1.1. Measurement of Equity Returns
  - 2.1.2. Historical Performance of Equity Markets: Comparison with Other Financial Assets
- 2.2. Equity Risk Valuation Measures
  - 2.2.1. Measures of Dispersion: Standard Deviation
  - 2.2.2. Capital Asset Pricing Model and the Beta of a Financial Asset
  - 2.2.3. Asymmetric Risk Measures
- 2.3. Portfolios Comprised of Equity Assets
  - 2.3.1. Return and Risk of an Equity Portfolio
  - 2.3.2. Weaning
  - 2.3.3. Performance Measures of an Equity Portfolio
- 2.4. Equity Portfolio Management
  - 2.4.1. Passive Management: Search for a Suitable Benchmark
  - 2.4.2. Active Management: Search for Alpha
  - 2.4.3. Alternative Management: Search for Positive Return
- 2.5. Other Approaches to Portfolio Risk and Portfolio Management
  - 2.5.1. Multifactorial Models
  - 2.5.2. Value at Risk (VAR) Models
  - 2.5.3. Money Management Models
- 2.6. Criteria for the Program of Active Management Portfolios in a Long-Term Perspective
  - 2.6.1. Criteria Based on Long-Term Perspectives
  - 2.6.2. Strategic Asset Allocation
  - 2.6.3. Fundamental Analysis

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- 2.7. Criteria for the Program of Active Management Portfolios in a Short-Term Perspective
  - 2.7.1. Criteria Based on Short-Term Perspectives
  - 2.7.2. Graphical Analysis
  - 2.7.3. Statistical Analysis
- 2.8. Hedging of Investment in Individual Shares
  - 2.8.1. Coverage Ratio Use of Futures
  - 2.8.2. Hedging with Purchased Options
  - 2.8.3. Hedging with Sold Options
- 2.9. Investment Hedging in Equity Portfolios
  - 2.9.1. Coverage Ratio Portfolio Beta
  - 2.9.2. Portfolio Hedging with Futures
  - 2.9.3. Option Portfolio Hedging
- 2.10. Limitations of Option Coverage
  - 2.10.1. Influence on the Coverage of the Estimated Period at Risk
  - 2.10.2. Influence on Option Strike Coverage
  - 2.10.3. Influence on Option Maturity Hedging

#### Module 3. Trading on Equity Derivatives Platforms

- 3.1. Equities Derivatives Trading Platforms
  - 3.1.1. Platform Accessibility
  - 3.1.2. Contract Types: Futures Trading
  - 3.1.3. Options Trading
- 3.2. Contract Codes by Maturity and Price
  - 3.2.1. Futures Codes in International Markets
  - 3.2.2. Codes of Options on the Most Important Indexes
  - 3.2.3. Stock Option Codes
- 3.3. Types of Orders in the Derivatives Markets
  - 3.3.1. Limited Orders
  - 3.3.2. Market Orders
  - 3.3.3. Stop-Loss and Stop-Profit Orders
- 3.4. Liquidity in Derivatives Markets
  - 3.4.1. Liquidity and Level of Liquidity of the Derivatives Markets
  - 3.4.2. Cross Trades in Liquid Equity Derivatives Markets
  - 3.4.3. Closing Strategies in Liquid Markets

- 3.5. The Problem of Wide Spreads in Less Liquid Markets
  - 3.5.1. When to Consider a Fork as Excessively Wide
  - 3.5.2. Crossing Operations in Illiquid Markets
  - 3.5.3. Closing Strategies in Illiquid Markets
- 3.6. Calculation of Account Balance According to Derivatives Markets Transactions
  - 3.6.1. Impact of Each Operation on the Account Balance
  - 3.6.2. Management of the Account Balance when We Already Have Previous Position
  - 3.6.3. Maximum Operating Capacity with the Available Balance
- 3.7. Operation to Be Performed when the Account Balance Is Close to Zero
  - 3.7.1. When Can We Consider that Our Balance Is Close to Zero?
  - 3.7.2. Transactions that Allow Us to Increase the Balance in Our Accounts
  - 3.7.3. Operating Limit in Case of Close to Zero Balance
- 3.8. Additional Liquidity Needs. Margin Calls
  - 3.8.1. Margin Calls: Why They Occur
  - 3.8.2. Management of Account Balance in Case of Margin Calls
  - 3.8.3. Additional Contributions to the Account Balance
- 3.9. Operation When Futures Are Close to Maturity. Time Spread Contract
  - 3.9.1. Roll-Over Process
  - 3.9.2. Time Spread Contracts
  - 3.9.3. Active Management of the Roll-Over Process: Possibilities and Risks
- 3.10. Options Trading Close to Expiration
  - 3.10.1. Strategies Proposed at Maturity
  - 3.10.2. Profit Strategies Intended to Be Rolled Up
  - 3.10.3. Loss-Making Strategies Intended to Be Rolled Over

#### Module 4. Equity Options Premium Sensitivity

- 4.1. Intrinsic Value of an Option
  - 4.1.1. In-The-Money Options or Options with Positive Intrinsic Value
  - 4.1.2. At-The-Money Options
  - 4.1.3. Out-The-Money Options
- 4.2. Temporal Value of an Option
  - 4.2.1. Incidence of Volatility
  - 4.2.2. Incidence of Time to Maturity
  - 4.2.3. Joint Impact of Both Elements

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- 4.3. The Delta of a Call Option
  - 4.3.1. Change in Call Option Premium as a Function of Underlying Price
  - 4.3.2. Importance of the Chosen Strike
  - 4.3.3. Option Seller's Perspective
- 4.4. Delta of a Put Option
  - 4.4.1. Change in Put Option Premium as a Function of Underlying Price
  - 4.4.2. Importance of the Chosen Strike
  - 4.4.3. Option Seller's Perspective
- 4.5. Complementary Interpretations of the Delta Concept
  - 4.5.1. Equivalent Underlying Asset Amount
  - 4.5.2. Probability of Maturity of the Option with Intrinsic Value
  - 4.5.3. Calculation of the Delta of a Basic Combination of Options
- 4.6. Option Gamma from the Option Buyer's Perspective
  - 4.6.1. Convexity and Its Benefit to the Option Buyer
  - 4.6.2. Magnitude of the Gamma Effect as a Function of Option Type
  - 4.6.3. Magnitude of the Gamma Effect as a Function of Time to Maturity
- 4.7. Option Gamma from the Option Seller's Perspective
  - 4.7.1. Risks that Convexity Causes to the Buyer of an Option
  - 4.7.2. Risks Caused by Convexity in Near-Money Options
  - 4.7.3. Risks Caused by Convexity in Options Close to Maturity
- 4.8. The Vega of Options
  - 4.8.1. Impact of Volatility on the Options Premium
  - 4.8.2. Volatility Risks for Option Buyers
  - 4.8.3. Volatility Risks for Option Sellers
- 4.9. The Theta of Options
  - 4.9.1. Beneficial Effect on the Seller as Opposed to Gamma
  - 4.9.2. The Magnitude of the Gamma Effect as a Function of Option Type
  - 4.9.3. Theta Management for the Options Buyer
- 4.10. Other Effects on the Options Premium
  - 4.10.1. Dividend Effect on Stock Options
  - 4.10.2. Effect of Interest Rates
  - 4.10.3. Effect of Time to Maturity on Gamma and Theta

#### Module 5. Directional Delta Strategies with Equity Derivatives

- 5.1. Bullish Strategies Equivalent to Holding a Portfolio of Equities
  - 5.1.1. Calculation of the Delta of an Equity Portfolio and Its Synthesis through Futures
    Purchases
  - 5.1.2. Summary of the Portfolio through the Purchase of *Calls* and Risks to Be Considered
  - 5.1.3. Limitations Caused by the Sale of Puts When Synthesizing the Portfolio
- 5.2. Management of Bullish Expectations with Purchase of Calls
  - 5.2.1. Delta Management
  - 5.2.2. Gamma Management
  - 5.2.3. Risks of Managing Bullish Expectations by Buying Calls
- 5.3. Management of Bullish Expectations by Selling Puts
  - 5.3.1. Joint Management of Delta and Gamma
  - 5.3.2. Theta Management
  - 5.3.3. Risks of Managing Bullish Expectations by Selling Puts
- 5.4. Optimizing Bullish Expectations with Basic Options Strategies
  - 5.4.1. Optimization with *Call* Buying
  - 5.4.2. Optimization with Put Sales
  - 5.4.3. Limits of Optimization and Leverage Involving
- 5.5. Management of Bullish Expectations with Spreads
  - 5.5.1. Spread: How It Is Formed
  - 5.5.2. Advantages of Spreads to Manage Bullish Expectations
  - 5.5.3. Optimization with Spreads: Risks to Consider
- 5.6. Management of Bullish Expectations with Ratios
  - 5.6.1. Ratio: How It Is Formed
  - 5.6.2. Advantages of Ratios for Managing Bullish Expectations
  - 5.6.3. Effects of the Passage of Time on Ratios
- 5.7. Management of Bullish Expectations with combos
  - 5.7.1. Combo: How It Is Formed
  - 5.7.2. Comparison of Combos with Purchased Futures
  - 5.7.3. Advantages of Combos to Manage Bullish Expectations

- 5.8. Management and Optimization of Bearish Expectations with Basic Strategies
  - 5.8.1. Futures Sales
  - 5.8.2. Puts Purchases
  - 5.8.3. Calls Sales
- 5.9. Management and Optimization of Bearish Expectations with Combined Option Strategies
  - 5.9.1. Advantages and Risks of Managing Bearish Expectations with Spreads
  - 5.9.2. Advantages and Risks of Managing Bearish Expectations with Ratios
  - 5.9.3. Advantages and Risks of Managing Bearish Expectations with Combos
- 5.10. Optimization of Directional Strategies with Calendar Combinations
  - 5.10.1. Spreads Calendar
  - 5.10.2. Ratios Calendar
  - 5.10.3. Combos Calendar

#### Module 6. Vega Volatility Strategies with Equity Derivatives

- 6.1. Volatility as a Financial Product and Its Influence on Option Premiums
  - 6.1.1. Most Important Volatility Indexes in International Financial Markets
  - 6.1.2. Derivative Products Whose Underlying in a Volatility Index
  - 6.1.3. Influence of Volatility on the Option Premium
- 6.2. Option Positions and Volatility Expectations. Optimization
  - 6.2.1. Optimization In The Context Of Bullish Volatility Expectations
  - 6.2.2. Optimization In The Context Of Bearish Volatility Expectations
  - 6.2.3. Challenges In Optimizing Neutral Volatility Expectations
- 6.3. Management of Bullish Volatility Expectations with Cones
  - 6.3.1. Cone: How It Is Formed
  - 6.3.2. Advantages Of Managing Bullish Volatility Expectations With Cones
  - 6.3.3. Associated Risks
- 6.4. Management of Bullish Volatility Expectations with Cradles
  - 6.4.1. Wedge: How It Is Formed
  - 6.4.2. Comparison Of The Use Of Wedges Versus Cones
  - 6.4.3. Optimization of the Results through the Use of Cradles
- 6.5. Managing Bullish Volatility Expectations With Ratios
  - 6.5.1. Preference For Bearish Ratios (With Puts)
  - 6.5.2. Comparison Of The Use Of Bearish Ratios Versus Bought Puts
  - 6.5.3. Optimization of Results through the Use of Bearish Ratios

- 6.6. Bullish Volatility Expectation Management with Butterflies and Condors
  - 6.6.1. Butterflies And Condors: How They Are Formed
  - 6.6.2. Comparison Of Butterflies And Condors Versus Cones And Wedges, Respectively
  - 6.6.3. Optimization of Results through the Use of Butterflies and Condors
- 6.7. Using Cones And Wedges With Bearish Volatility Expectations
  - 6.7.1. Formation Of Sold Cones And Sold Wedges
  - 6.7.2. Advantages of These Combinations Compared to Option Selling Strategies
  - 6.7.3. Managing The Risk Of These Combined Strategies
- 6.8. Using Ratios With Bearish Volatility Expectations
  - 6.8.1. Training of Ratios with Dominance of Sold Items
  - 6.8.2. Advantages Of Sold Ratios Over Basic Option Selling Strategies
  - 6.8.3. Risk Management Derived from Sold Ratios
- 6.9. Using Butterflies And Condors With Bearish Volatility Expectations
  - 6.9.1. Formation Of Bought Butterfly Patterns And Bought Condors
  - 6.9.2. Advantages of These Positions over the Use of Sold Cones and Cradles
  - 5.9.3. Optimization of Bearish Expectations of Volatility
- 6.10. Optimizing Gamma Volatility Strategies With Calendar Combinations
  - 6.10.1. Sell Calendar Ratios
  - 6.10.2. Buy Calendar Butterflies
  - 6.10.3. Buy Calendar Condors

#### **Module 7.** Theta Strategies with Equity Derivatives

- 7.1. Risk Management when Selling an Option as a Basic Theta Strategy
  - 7.1.1. Risk Management when Selling Puts
  - 7.1.2. Risk Management when Selling Call
  - 7.1.3. Effect of Volatility Variation on These Basic Theta Strategies
- 7.2. Management of the Put Risk of an Option Close to Maturity
  - 7.2.1. Position Management and Closing when the Position Offers Benefits
  - 7.2.2. Position Management and Closing when the Position Offers Losses
  - 7.2.3. Maintenance to Maturity of the Position
- 7.3. Risk Management when Using Cradles Sold as Theta Strategy
  - 7.3.1. Use of Cradles Sold vs. Cones Sold and vs. Individual Items Sold
  - 7.3.2. Cradle to Cradle Management when Options Are Close to Expiration
  - 7.3.3. Cradle Management when One of the Two Strikes Goes into the Money

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- 7.4. Spreads as a Theta Strategy
  - 7.4.1. Use of Spread vs. Individual Sold Position
  - 7.4.2. Spread Management when Close to Maturity and when the Underlying Evolves against the Spread
  - 7.4.3. Spread Optimization
- 7.5. Butterflies and Condors Purchased as Theta Strategy
  - 7.5.1. Use of Condor vs. Spread as a Theta Strategy
  - 7.5.2. Use of the Butterfly vs. the Condor as a Theta Strategy
  - 7.5.3. Optimization of the Theta Strategy
- 7.6. Ratios as a Theta Strategy
  - 7.6.1. Management of the Sold Ratio with Call Options
  - 7.6.2. Management of the Sold Ratio with Put Options
  - 7.6.3. Strategy Sum of Ratios Sold vs. Cradle Sold
- 7.7. Optimization of the Relationship between Gamma and Theta
  - 7.7.1. Influence of Strike on This Relationship
  - 7.7.2. Influence of Time to Maturity on This Relationship
  - 7.7.3. Influence of Volatility on This Relationship
- 7.8. Spreads Calendar as a Theta Strategy
  - 7.8.1. Management of Bullish Calendar *Spreads*
  - 7.8.2. Management of Bearish Calendar Spreads
  - 7.8.3. Spread Calendar Optimization
- 7.9. Calendar Butterflies as a Theta strategy
  - 7.9.1. Management of the Double Calendar Spread
  - 7.9.2. Strategy Optimization Using Different Strikes
  - 7.9.3. Optimization of the Strategy Using Different Number of Bought and Sold Options
- 7.10. Calendar Ratios as a Theta Strategy
  - 7.10.1. Calendar Ratio Management with Call Options
  - 7.10.2. Calendar Ratio Management with Put Options
  - 7.10.3. Optimization of the Use of Calendar Ratio as a Theta Strategy

#### Module 8. Equity Portfolio Hedging with Derivatives

- 8.1. Equity Portfolio Hedging with Derivative Strategies
  - 8.1.1. Hedging with Sold Futures
  - 8.1.2. Hedging with Purchased Puts
  - 8.1.3. Hedging with Calls Sold
- 8.2. Equity Portfolio Hedging with Bearish Spreads
  - 8.2.1. Management and Closing of Coverage when It Offers Benefits
  - 8.2.2. Management and Closing of the Hedge when It Offers Losses
  - 8.2.3. Coverage Maturity Maintenance and Roll-Over Process
- 8.3. Equity Portfolio Hedging with Bearish Ratios
  - 8.3.1. Management and Closing of Coverage when It Offers Benefits
  - 8.3.2. Management and Closing of the Hedge when It Offers Losses
  - 8.3.3. Coverage Maturity Maintenance and Roll-Over Process
- 8.4. Equity Portfolio Hedging with Bearish Combos
  - 8.4.1. Management and Closing of Coverage when It Offers Benefits
  - 8.4.2. Management and Closing of the Hedge when It Offers Losses
  - 8.4.3. Coverage Maturity Maintenance and Roll-Over Process
- 8.5. Partial Hedging of Equity Portfolios with Combined Strategies
  - 8.5.1. Partial Hedging with Bearish Spreads
  - 8.5.2. Partial Hedging with Bearish Ratios
  - 8.5.3. Partial Hedging with Bearish Combos
- 8.6. Equity Portfolio Hedging with Calendar Spreads
  - 8.6.1. Management and Closing of Coverage when It Offers Benefits
  - 8.6.2. Management and Closing of the Hedge when It Offers Losses
  - 3.6.3. Coverage Maturity Maintenance and Roll-Over Process
- 8.7. Equity Portfolio Hedging with Calendar Ratios
  - 8.7.1. Management and Closing of Coverage when It Offers Benefits
  - 8.7.2. Management and Closing of the Hedge when It Offers Losses
  - 8.7.3. Coverage Maturity Maintenance and Roll-Over Process

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- 8.8. Equity Portfolio Hedging with Calendar Combos
  - 8.8.1. Management and Closing of Coverage when It Offers Benefits
  - 8.8.2. Management and Closing of the Hedge when It Offers Losses
  - 8.8.3. Coverage Maturity Maintenance and Roll-Over Process
- 8.9. Partial Hedging of Equity Portfolios with Calendar Strategies
  - 8.9.1. Partial Hedging with Calendar Spreads
  - 8.9.2. Partial Hedging with Calendar Ratios
  - 8.9.3. Partial Coverage with Calendar Combos
- 8.10. Optimal Hedging of Equity Portfolios Based on Expectations
  - 8.10.1. Optimal Hedging with Strong Downside Expectations
  - 8.10.2. Optimal Hedging with Expectations of a Gentle Fall
  - 8.10.3. Optimal Hedging with Expectations of a Sharp Rise in Volatility

#### Module 9. Equity Portfolio Optimization with Derivatives

- 9.1. Optimized Management in the Context of Equity Portfolios
  - 9.1.1. Optimization of the Risk-Return Ratio
  - 9.1.2. Minimization of the Maximum Potential Loss. Money management
  - 9.1.3. Ease of Managing a Strategy in both a Profit and Loss Environment
- 9.2. Systematic Covered-Call Strategies
  - 9.2.1. Risks and Advantages of a Passive Covered-Call Strategy
  - 9.2.2. Active Covered-Call Management (I): Determinination when It Is Performed and when It Is not Performed
  - 9.2.3. Active *Covered-Call* Management (II): Additional Determination of the Number of Positions to Be Activated at any Given Time
- 9.3. Systematic Protective-Put Strategies
  - 9.3.1. Risks and Advantages of a Passive Protective-Put Strategy
  - 9.3.2. Active *Protective-Put* Management (I): Determination of when to Do It and when Not to Do It
  - 9.3.3. Active *Protective-Put* Management (II): Additional Determination of the Number of Positions to Be Activated at any Given Time

- 9.4. Comparison of Covered-Call and Protective-Put Strategies
  - 9.4.1. Risk-Return Ratio of Each Passive Strategy
  - 9.4.2. Risk-Return Ratio of Each Active Strategy
  - 9.4.3. Management of the Maximum Potential Loss in Each Strategy
- 9.5. Equity Portfolio Optimization Strategy Using Spreads
  - 9.5.1. Risk-Return Relationship of a Partial Passive Strategy with Spreads
  - 9.5.2. Reduction of the Maximum Potential Loss
  - 9.5.3. Active Equity Portfolio Management with Spreads
- 9.6. Equity Portfolio Optimization Strategy Using Long Maturity Ratios
  - 9.6.1. Risk-Return Ratio of a Partial Passive Strategy with Ratios
  - 9.6.2. Reduction of the Maximum Potential Loss
  - 9.6.3. Active Equity Portfolio Management with Ratios
- 9.7. Equity Portfolio Optimization Strategy Using Combos
  - 9.7.1. Risk-Return Relationship of a Partial Passive Strategy with Spreads
  - 9.7.2. Reduction of the Maximum Potential Loss
  - 9.7.3. Active Equity Portfolio Management with Spreads
- 9.8. Optimization Strategies for Equity Portfolios with Calendar Spreads
  - 9.8.1. Risk-Return Ratio of a Partial Passive Strategy with Calendar *Spreads*
  - 9.8.2. Reduction of the Maximum Potential Loss
  - 9.8.3. Active Equity Portfolio Management with Calendar Spreads
- 9.9. Optimization Strategies for Equity Portfolios with Calendar Ratios
  - 9.9.1. Risk-Return Ratio of a Passive Partial Strategy with Calendar Ratios
  - 9.9.2. Reduction of the Maximum Potential Loss
  - 9.9.3. Active Equity Portfolio Management with Calendar Ratios
- 9.10. Equity Portfolio Optimization Strategies with Calendar Combos
  - 9.10.1. Risk-Return Ratio of a Partial Passive Strategy with Calendar Combos
  - 9.10.2. Reduction of the Maximum Potential Loss
  - 9.10.3. Active Equity Portfolio Management with Calendar Combos

## tech 20 | Syllabus

#### Module 10. Exotic Options in Equity Investing

- 10.1. Structured Products
  - 10.1.1. Structured Product
  - 10.1.2. Vehicles and Taxation of Structured Products
  - 10.1.3. Determinants of the Price of a Structure
- 10.2. Exotic Options
  - 10.2.1. Exotic Options
  - 10.2.2. Exotic Options Types
  - 10.2.3. Exotic Options to Reduce the Price of a Structure
- 10.3. Inclusion of Barrier Options in the Management of Equity Portfolios
  - 10.3.1. Determination of Which Barrier Options Allow a Better Diversification of the Risk of an Equity Portfolio
  - 10.3.2. Risk-Return Ratio of a Systematic Passive Strategy with Barrier Options
  - 10.3.3. Active Management of an Equity Portfolio with Barrier Options
- 10.4. Inclusion of Asian Options in the Management of Equity Portfolios
  - 10.4.1. Advantages Offered by Asian Options in the Management of Equity Portfolios
  - 10.4.2. Risk-Return Ratio of a Systematic Passive Strategy with Asian Options
  - 10.4.3. Active Management of an Equity Portfolio with Asian Options
- 10.5. Inclusion of Binary Options in the Management of Equity Portfolios
  - 10.5.1. Advantages Offered by Binary Options in the Management of Equity Portfolios
  - 10.5.2. Risk-Return Ratio of a Systematic Passive Strategy with Binary Options
  - 10.5.3. Active Management of an Equity Portfolio Using Binary Options
- 10.6. Inclusion of Rainbow Options in the Management of Equity Portfolios
  - 10.6.1. Advantages Offered by Rainbow Options in the Management of Equity Portfolios
  - 10.6.2. Risk-Return Ratio of a Systematic Passive Strategy with Rainbow Options
  - 10.6.3. Active Management of an Equity Portfolio with Rainbow Options
- 10.7. Exchange-Traded Products in the Management of Equity Portfolios
  - 10.7.1. Product Quoted
  - 10.7.2. Listed Commodity Markets
  - 10.7.3. Types of Listed Products that Can Be Incorporated into the Management of Equity Portfolios





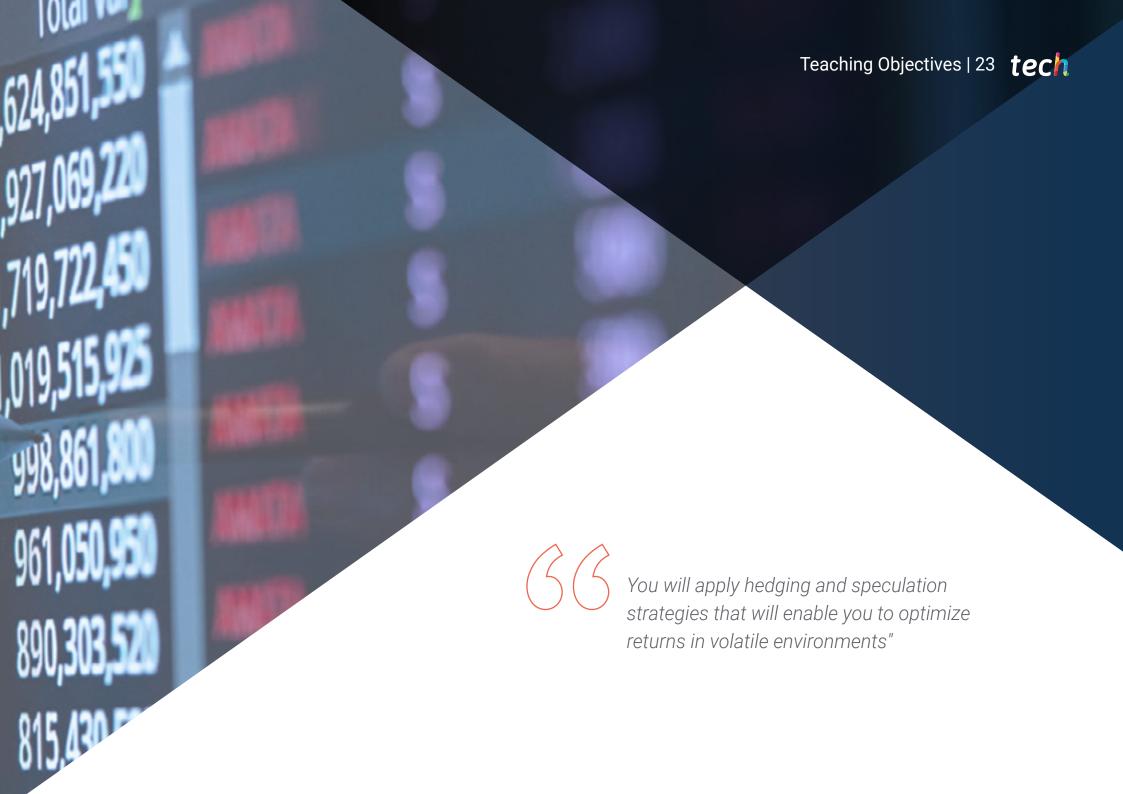
## Syllabus | 21 tech

- 10.8. Inclusion of Turbos in the Management of Equity Portfolios
  - 10.8.1. Advantages Offered by Binary Options in the Management of Equity Portfolios
  - 10.8.2. Risk-Return Ratio of a Systematic Passive Strategy with Binary Options
  - 10.8.3. Active Management of an Equity Portfolio Using Binary Options
- 10.9. Inclusion of Bonus-Caps in the Management of Equity Portfolios
  - 10.9.1. Advantages Offered by Binary Options in the Management of Equity Portfolios
  - 10.9.2. Risk-Return Ratio of a Systematic Passive Strategy with Binary Options
  - 10.9.3. Active Management of an Equity Portfolio Using Binary Options
- 10.10. Inclusion of Other Exchange-Traded Products in the Management of Equity Portfolios
  - 10.10.1. Portfolio Management with Multis
  - 10.10.2. Portfolio Management with In-Lines
  - 10.10.3. Comparison of the Inclusion of Different Exchange-Traded Products in the Management of an Equity Portfolio



With this university qualification, you will optimize any financial investment"





## tech 24 | Teaching Objectives



## **General Objectives**

- Analyze the evolution of financial derivatives markets, from their initial forward contracts to their current impact on the global economy, considering transaction volumes and their influence on market liquidity
- Evaluate investment strategies in equity markets, comparing profitability and risk, and identifying optimization opportunities through trading platforms and derivative contracts in international markets
- Explore the use of advanced options combinations, differentiating their impact in bullish and bearish volatility scenarios, and examining combined figures to enhance portfolio management
- Compare the characteristics and applications of exotic options, analyzing their influence on risk-return in a portfolio and their ability to optimize equity investment strategies



You will learn valuable lessons through real cases in simulated learning environments"



## Teaching Objectives | 25 tech



### **Specific Objectives**

#### Module 1. Derivatives Markets

- Analyze the evolution of financial derivatives markets, from the first forward contracts to their impact on global investment and risk management
- Explore the characteristics of futures and options contracts, identifying their differences, uses, and relevance in risk hedging

#### Module 2. Equity Derivatives

- Analyze the fundamental concepts of equity investment, including profitability, risk, and diversification, to understand their impact on portfolio management
- Explore various hedging and active management strategies in equities through the use of risk valuation models, with the aim of optimizing risk-adjusted returns

#### Module 3. Trading on Equity Derivatives Platforms

- Familiarize yourself with equity derivatives trading platforms, understanding the different types of contracts, orders, and trade codes in national and international markets
- Evaluate liquidity, account balance management, and trading strategies in derivatives markets, considering key aspects such as margin calls and contract expiration

#### Module 4. Equity Options Premium Sensitivity

- Understand the factors affecting options premiums, such as intrinsic value, time value, volatility, and time to expiration, to evaluate their behavior in financial markets
- Analyze the sensitivity of options to various variables using the Greeks (Delta, Gamma, Vega, Theta), enabling efficient risk management in derivative investment strategies

## tech 26 | Teaching Objectives

#### Module 5. Delta Directional Strategies with Equity Derivatives

- Understand how delta directional strategies can replicate holding an equity portfolio using futures, options, and combinations of these instruments
- Evaluate the management and optimization of bullish expectations through the purchase of calls, sale of puts, and the use of spreads, ratios, and combos, considering their risks and advantages

#### Module 6. Vega Volatility Strategies with Equity Derivatives

- Analyze volatility as a financial product and its impact on options premiums, including key volatility indices and associated derivative products
- Evaluate strategies for managing bullish volatility expectations using cones, straddles, ratios, butterflies, and condors, optimizing results and controlling risks

#### Module 7. Theta Strategies with Equity Derivatives

- Understand risk management in basic theta strategies, such as the sale of options, and their relationship with volatility and time to expiration
- Analyze risk management in short positions near expiration, evaluating different scenarios for closing, maintaining, and optimizing positions.

#### Module 8. Equity Portfolio Hedging with Derivatives

- Understand and apply hedging strategies with derivatives to mitigate risks in equity portfolios.
- Evaluate and manage hedges according to different market scenarios and volatility expectations





## Teaching Objectives | 27 **tech**

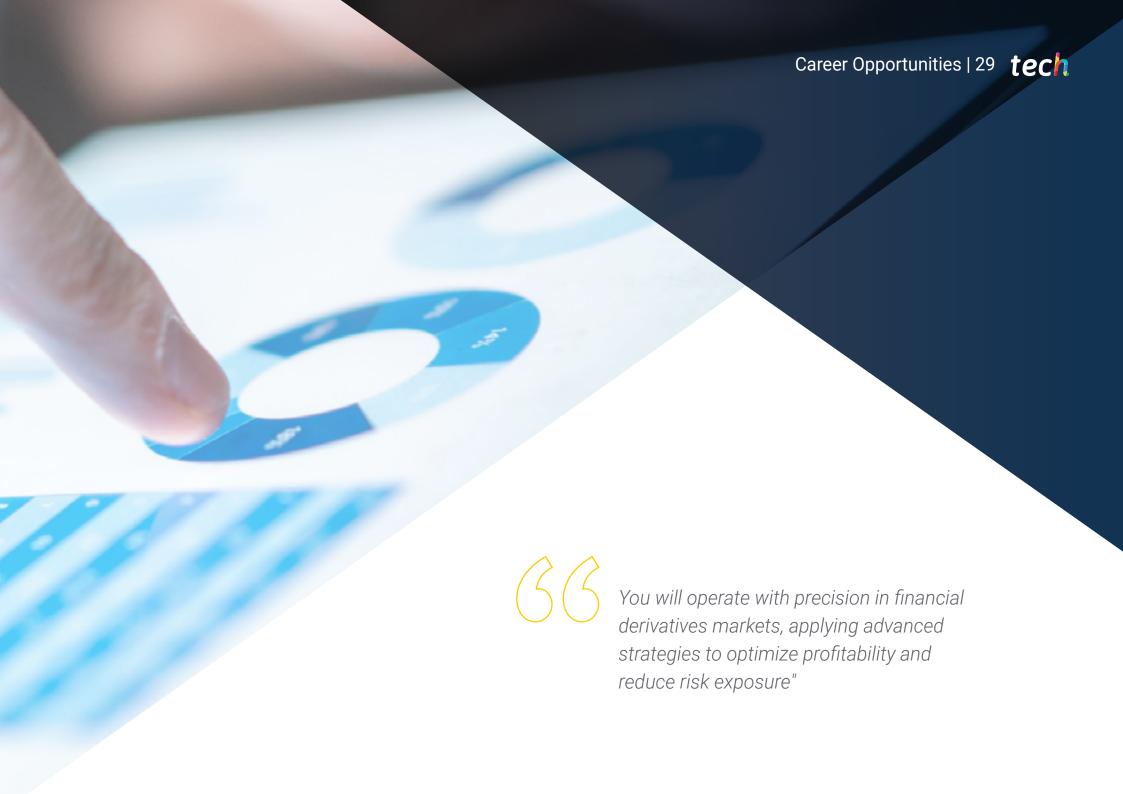
#### Module 9. Equity Portfolio Optimization with Derivatives

- Develop strategies to improve the risk-return ratio in equity portfolios using derivatives
- Implement systematic approaches to minimize potential losses and maximize efficiency in portfolio management

#### Module 10. Exotic Options in Equity Investing

- Explore the use of exotic options and structured products to diversify and optimize equity portfolio management
- Analyze the risk-return relationship of various exotic options and their application in active and passive strategies





## tech 30 | Career Opportunities

#### **Graduate Profile**

Graduates of this program will be professionals with the skills to analyze, trade, and manage derivative products in international markets. They will be able to assess risk scenarios, apply portfolio optimization models, and develop effective hedging strategies. Additionally, they will have the competencies to use advanced trading platforms, design quantitative strategies, and interpret market trends. They will also be prepared to lead innovative financial projects and advise businesses and investors in making strategic decisions.

You will manage portfolios with advanced strategies, leveraging the most innovative tools in derivatives trading.

- Financial Market Analysis: Ability to interpret trends, assess risks, and apply investment strategies in equity markets using financial derivatives
- Risk Management and Hedging: Skill in designing strategies to minimize risk exposure through combinations of options, futures, and calendar strategies
- Portfolio Optimization: Application of valuation models to maximize performance and diversification in different market scenarios
- Trading Platform Management: Mastery of technological tools to execute real-time trades and efficiently manage liquidity
- Strategic Decision-Making: Ability to develop analytical models that support investments and accurately anticipate market movements





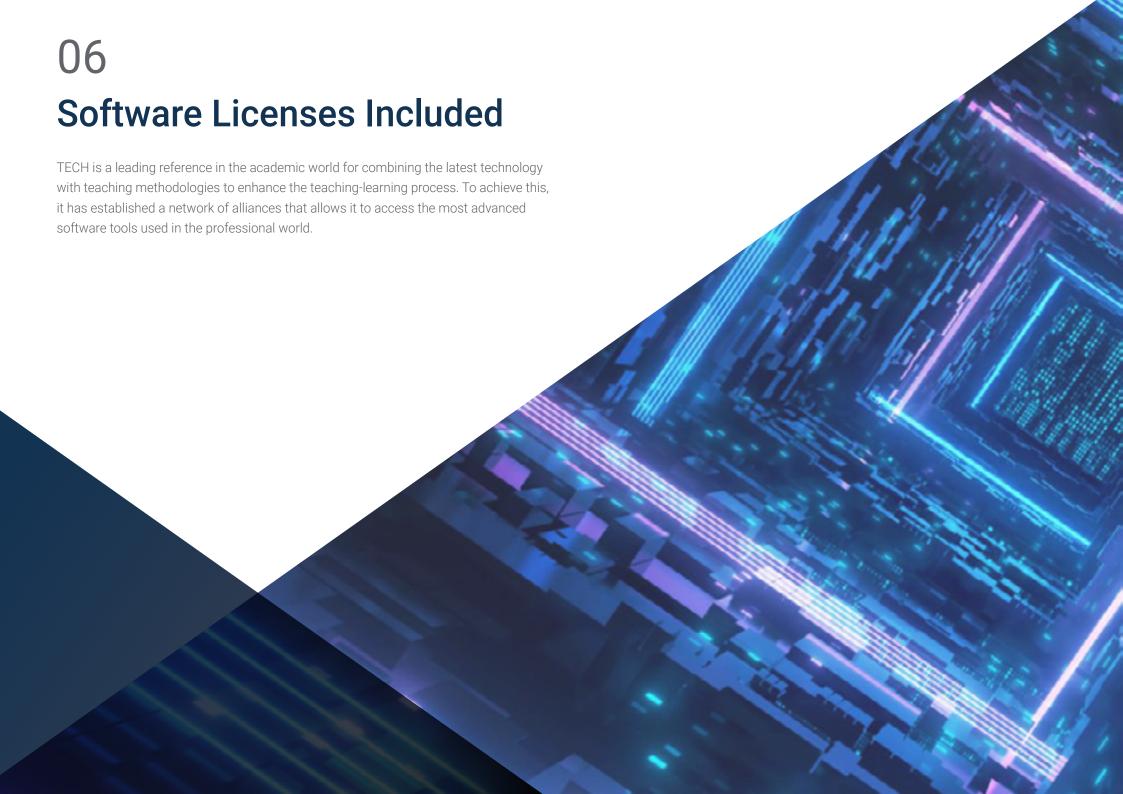
## Career Opportunities | 31 tech

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

- **1. Financial Derivatives Trader:** Specialist in the buying and selling of futures, options, and combined strategies in international markets.
- **2. Investment Portfolio Manager:** Responsible for designing and executing diversification and hedging strategies to maximize returns in equity markets.
- **3. Financial Risk Analyst:** Responsible for evaluating the impact of volatility, leverage, and liquidity on investment strategies.
- **4. Trading Strategies Consultant:** Advisor to institutions and clients on optimizing portfolios using derivative products.
- **5. Trading Platform Specialist:** Professional with expertise in digital tools for executing trades and advanced portfolio management.
- **6. Quantitative Models Developer:** Expert in predictive analysis and algorithmic strategies applied to the derivatives market.
- **7. Leader of Global Financial Projects:** Responsible for planning and managing investment strategies for companies and institutions.
- **8. Financial Regulation and Compliance Specialist:** Professional responsible for ensuring regulatory compliance in the management of derivative products.



Master the financial derivatives markets and become a leader in investment strategies and risk management"





## tech 34 | Software Licenses Included

TECH has established a network of professional alliances with the leading providers of software applied to various professional fields. These alliances allow TECH to access hundreds of software applications and licenses, making them available to its students.

The academic software licenses will allow students to use the most advanced applications in their professional field, so they can become familiar with them and master their use without incurring additional costs. TECH will handle the process of acquiring the software licenses so that students can use them unlimitedly for the duration of their studies in the Executive Master's Degree in Equity Financial Derivatives Trading, and they will be able to do so completely free of charge.

TECH will provide free access to the following software applications:



#### **Blue Prism**

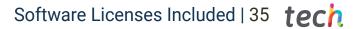
Optimizing repetitive tasks and taking automation to the next level is possible with **Blue Prism**, an RPA tool widely used by leading global companies. During the University experience at TECH, students will have **free access** to this powerful platform designed to improve operational efficiency, reduce costs, and focus on higher-value strategic activities.

With **Blue Prism**, students can design, execute, and scale automated processes intuitively and securely. Its compatibility with artificial intelligence and machine learning technologies allows it to handle more complex and dynamic workflows, easily integrating with enterprise systems such as ERPs, CRMs, and databases.

#### **Key Features:**

- No-Code Automation: Enables the creation of workflows without programming knowledge
- Integration with Enterprise Systems: Easily connects with ERPs, CRMs, and databases
- Bot Scalability: Manages multiple processes in parallel through digital robots
- Artificial Intelligence Integration: Incorporates AI for autonomous decision-making and complex tasks
- Real-Time Monitoring: Visualizes and controls processes from a centralized dashboard

In this way, graduates will be able to explore the platform's full potential and prepare to lead digital transformation projects using tools that are already shaping the future of corporate operations.

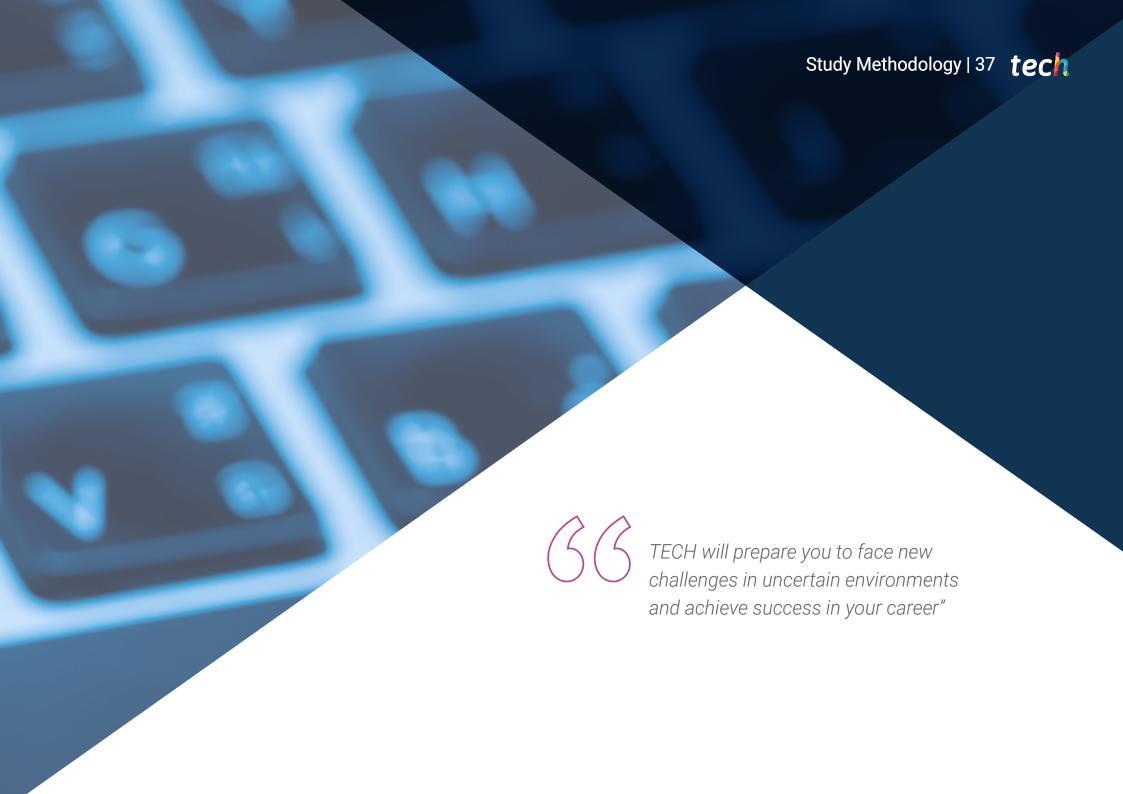




Thanks to TECH, you will have free access to the best software applications in your professional field"





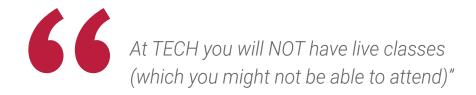


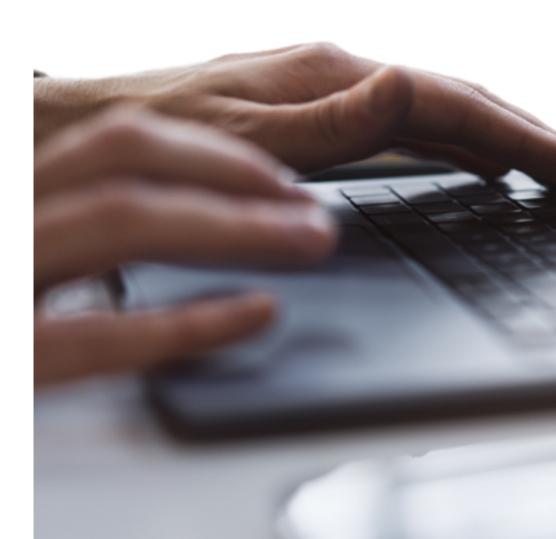
# The student: the priority of all TECH programs

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.







# 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"

# tech 40 | Study Methodology

#### 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.



# tech 42 | Study Methodology

## 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.

# Study Methodology | 43 tech

# 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.

# tech 44 | Study Methodology

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**

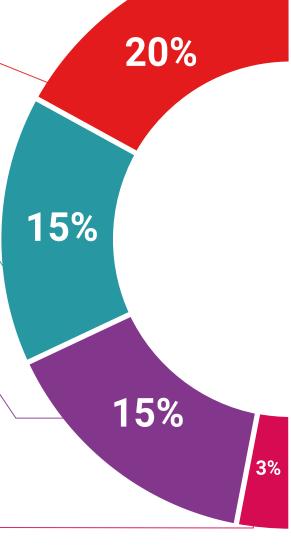
You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



#### **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".

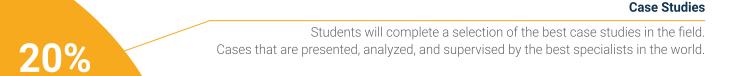




#### **Additional Reading**

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

# Study Methodology | 45 tech





## Testing & Retesting

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We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.

#### Classes



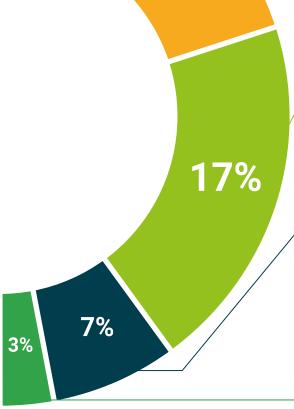
There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an expert strengthens knowledge and memory, and generates confidence for future difficult decisions.

#### **Quick Action Guides**



TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical and effective way to help students progress in their learning.







# tech 48 | Teaching Staff

## Management



## Dr. Sarto Marzal, José Luis

- Portfolio manager in organized derivatives markets
- Chief Financial Officer at Celulosa Fabril
- Teacher in Graduate Degree in Finance and Accounting at the University of Zaragoza
- PhD in Economics and Business Administration with Cum Laude mention from the University of Zaragoza
- Degree in Economics and Business Administration with a major in Finance from the University of Zaragoza

## **Teachers**

### Dr. Andreu Sánchez, Laura

- Accounting and Finance Expert
- Researcher in projects supported by the Ministry of Science and Innovation and the Government of Aragon
- Teacher in Masters, Diplomas and Degrees from the University of Zaragoza
- PhD in Accounting and Finance with Summa Cum Laude honors from the University of Zaragoza
- Bachelor's Degree in Business Administration and Management from the University of Zaragoza
- Diploma of Specialization in Financial Advisory and Wealth Management from the University of Zaragoza

## Dr. Serrano Cored, Miguel

- Expert in Accounting and Finance
- Head of Collections Agent Teams at Majoral Sp Solutions
- Administrative at Ibercaja
- PhD in Accounting and Finance
- Bachelor's Degree in Business Administration and Management with a major in Finance from the University of Zaragoza
- Diploma in Business Science
- Master's Degree in Accounting and Finance from the University of Zaragoza



## Dr. Gimeno Losilla, Ruth

- Accounting and Finance Expert
- Teacher in the Accounting and Finance Department of the University of Zaragoza
- Researcher in projects funded by the Ministry of R&D&i, the Government of Aragón, and the Ibercaja Banking Foundation
- Researcher in innovative teaching projects
- PhD in Accounting and Finance from the University of Zaragoza

### Dr. Ramírez Herrera, Luis Miguel

- Head of Administration at the Seville Metro
- Adjunct Faculty in undergraduate university studies
- PhD in Finance from the University of Seville
- Bachelor's Degree in Business Administration and Management from the University of Seville
- Author of several academic publications in journals and the book Financial Analysis of Projects Using Spreadsheets



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





# tech 52 | Certificate

This private qualification will allow you to obtain a **Executive Master's Degree in Equity Financial Derivatives Trading** 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.

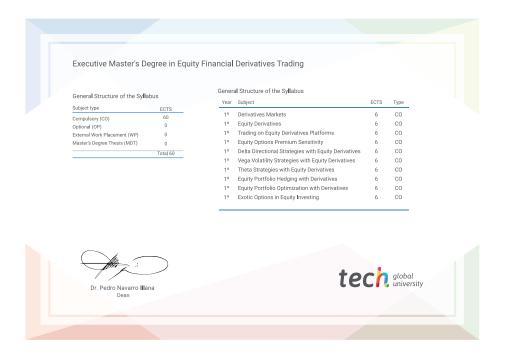
Title: Executive Master's Degree in Equity Financial Derivatives Trading

Modality: online

Duration: 12 months

Accreditation: 60 ECTS





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

health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning



# **Executive Master's Degree**Equity Financial Derivatives Trading

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

