

# Postgraduate Certificate Commodity Investment and Hedging Strategies





## Postgraduate Certificate Commodity Investment and Hedging Strategies

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/school-of-business/postgraduate-certificate/commodity-investment-hedging-strategies](http://www.techtute.com/us/school-of-business/postgraduate-certificate/commodity-investment-hedging-strategies)

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# 01

# Introduction to the Program

Commodity markets are key to the global economy, affecting sectors such as energy and agribusiness. However, their volatility, driven by macroeconomic and geopolitical factors, requires advanced investment and hedging strategies. According to the World Bank, commodity prices influence inflation and international trade, while the Chicago Mercantile Exchange is a benchmark for commodity trading. TECH offers this 100% online Postgraduate Certificate, which explores methodologies for optimizing financial decisions and managing risk, providing key tools for operating in dynamic and highly competitive markets.





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*Through this 100% online Postgraduate Certificate, you will master the most modern investment strategies in commodities, both in physical and financial markets”*

Commodities trading is a constantly evolving area where investors must be prepared to interpret market movements and take advantage of the opportunities they offer. From short-term strategies such as scalping and day trading to long-term investments based on fundamental analysis, this program takes a comprehensive approach to mastering the main investment techniques. In addition, hedging tools with futures and options are explored, as well as advanced methodologies such as spread trading and arbitrage.

Given this scenario, professionals in the financial sector will find this Postgraduate Certificate an opportunity to enhance their skills and access new job opportunities in investment banking, hedge funds, and companies in the real sector seeking to optimize their exposure to price fluctuations.

The syllabus begins with an introduction to commodity markets and their impact on the global economy, before delving into specific investment and hedging techniques. Graduates of this program will develop skills to design customized strategies, identify correlations between assets, and apply innovative methodologies in portfolio management.

At the same time, this Postgraduate Certificate is 100% online, allowing students to study with complete flexibility without compromising their work or personal responsibilities. The content is accessible 24 hours a day, 7 days a week, from any device with an Internet connection, and can be downloaded for offline consultation. All of this is backed by the implementation of the Relearning method, which optimizes knowledge retention through the progressive repetition of key concepts.

This **Postgraduate Certificate in Commodity Investment and Hedging Strategies** 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 Commodity Investment and Hedging Strategies
- ♦ 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
- ♦ Its special emphasis on innovative methodologies
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



*You will apply hedging techniques for risk management, using derivative instruments such as futures, options, and forward contracts”*

“

*You will delve into how to interpret seasonal cycles, asset correlations, and diversification strategies”*

*You will assess the relationship between commodities and other financial assets, identifying investment opportunities based on their correlation with currencies, bonds, and stocks.*

*Master hedging with futures and options to minimize risk in the face of price fluctuations.*

The teaching staff includes professionals from the field of Commodity Investment and Hedging Strategies, 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.



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 has a huge faculty of more than 6,000 professors of the highest international prestige.



“

*Study at the largest online university in the world and ensure your professional success. The future begins 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".

**Forbes**

The best online university in the world

The most complete **syllabus**

**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.

**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.

**TOP**  
international faculty



The most effective methodology

**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 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.

**World's No.1**  
The World's largest online university

**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 that make up this Postgraduate Certificate have been developed by a group of specialists in financial markets and risk management. As a result, the syllabus will delve into investment and hedging strategies in commodities, ranging from short-term operations to hedging with derivatives. Through this program, graduates will master advanced techniques in fundamental and technical analysis, portfolio management, and diversification strategies, enabling them to make informed decisions in volatile and highly competitive markets.





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*You will use sophisticated technical and fundamental analysis tools for decision-making in hedging strategies”*

## Module 1. Commodity Investment and Hedging Strategies

- 1.1. Short-term Commodity Investment Strategies: *Scalping, Day Trading*
  - 1.1.1. Identifying Intraday Opportunities
  - 1.1.2. Setting Dynamic Stop-Loss and Take-Profit Levels
  - 1.1.3. Advantages and Risks of High-Frequency Trading
- 1.2. Medium-term Commodity Investment Strategies: *Swing Trading*
  - 1.2.1. Detecting Weekly and Monthly Movements
  - 1.2.2. Analyzing Seasonal Cycles
  - 1.2.3. Combining with Fundamental News Analysis
- 1.3. Long-Term Commodity Investment Strategies: *Position Trading*
  - 1.3.1. Investing Based on Commodity Supercycles
  - 1.3.2. Macroeconomic Trend Monitoring
  - 1.3.3. Use of ETFs and Commodity Index Funds
- 1.4. Hedging in Commodities with Futures and Options
  - 1.4.1. Price Hedging for Producers and Consumers
  - 1.4.2. Differences between Hedging with Futures and Options
  - 1.4.3. Collar and Protective Put Strategies
- 1.5. Hedging in Commodity Companies in the Real Sector
  - 1.5.1. Study Case: Airline Hedging with Fuel Futures
  - 1.5.2. Study Case: Mining Hedging with Metal Options
  - 1.5.3. Implementation in Agribusiness (Corn, Wheat, Soybeans)
- 1.6. *Spread Trading*
  - 1.6.1. Calendar Spreads: Taking Advantage of Price Structures Over Time
  - 1.6.2. Intercommodity Spreads: Relationships Between Different Commodities
  - 1.6.3. Pair Strategies in Metals or Energy Products
- 1.7. Commodity Arbitrage
  - 1.7.1. Spatial and Temporal Arbitrage
  - 1.7.2. Quality Arbitrage: Metals with Different Purities and Agricultural Qualities
  - 1.7.3. Execution and Practical Limitations of Arbitrage



- 1.8. Correlations and Cross Strategies in Commodities
  - 1.8.1. Relationship with Currency and Equity Markets
  - 1.8.2. Cross Strategies: Gold vs. Silver, Wheat vs. Corn
  - 1.8.3. Diversification and Risk Reduction in Multi-Asset Portfolios
- 1.9. Exotic Options and Structured Commodity Products
  - 1.9.1. Barriers, Digital and Asian Options
  - 1.9.2. Customized Product Designs for Corporate Clients
  - 1.9.3. Valuation Risks and Complexity
- 1.10. Case Studies and Practical Simulations
  - 1.10.1. Creating a Diversified Commodities Portfolio
  - 1.10.2. Real Hedging Exercises on Simulation Platforms
  - 1.10.3. Analyzing Results and Adjusting Strategies

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*Develop key skills for working in investment banks, hedge funds, and more”*

04

# Teaching Objectives

This TECH program is designed to train professionals in investment and hedging strategies in commodities, covering everything from fundamental and technical analysis to risk management with futures and options. Through a practical approach, graduates will develop skills to optimize financial decisions, diversify portfolios, and operate in volatile markets. Additionally, they will explore emerging trends such as digitalization and blockchain.



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*You will apply advanced strategies in trading and risk hedging, strengthening your professional profile and gaining access to new opportunities in banking, investment, and commodity markets”*



## General Objectives

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- Understand the dynamics of the commodities market and its impact on the global economy, identifying the factors that influence the supply, demand, and volatility of these assets
- Analyze the historical evolution of Commodity Trading, exploring regulatory changes, the impact of globalization, and digitization on the transformation of markets
- Apply fundamental and technical analysis to assess trends in commodity prices, interpreting production reports, economic cycles, and key chart patterns
- Develop effective investment and trading strategies, including scalping, swing trading, and position trading, optimizing profitability and minimizing risk
- Implement risk management and hedging strategies using futures, options, and other financial instruments to mitigate exposure to market volatility



*You will implement risk management models, minimizing volatility and protecting Commodity Intervention positions”*





## Specific Objectives

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- ♦ Explain the fundamental concepts of Commodity Trading and its impact on the global economy
- ♦ Identify the different types of commodities and their main characteristics in the financial markets
- ♦ Analyze the factors that influence the supply and demand of commodities at an international level
- ♦ Explore the different market participants and their role in the dynamics of Commodity Trading
- ♦ Assess the risks associated with commodity trading and strategies to manage them effectively
- ♦ Examine the relationship between commodity trading and other financial and economic sectors

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.



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*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

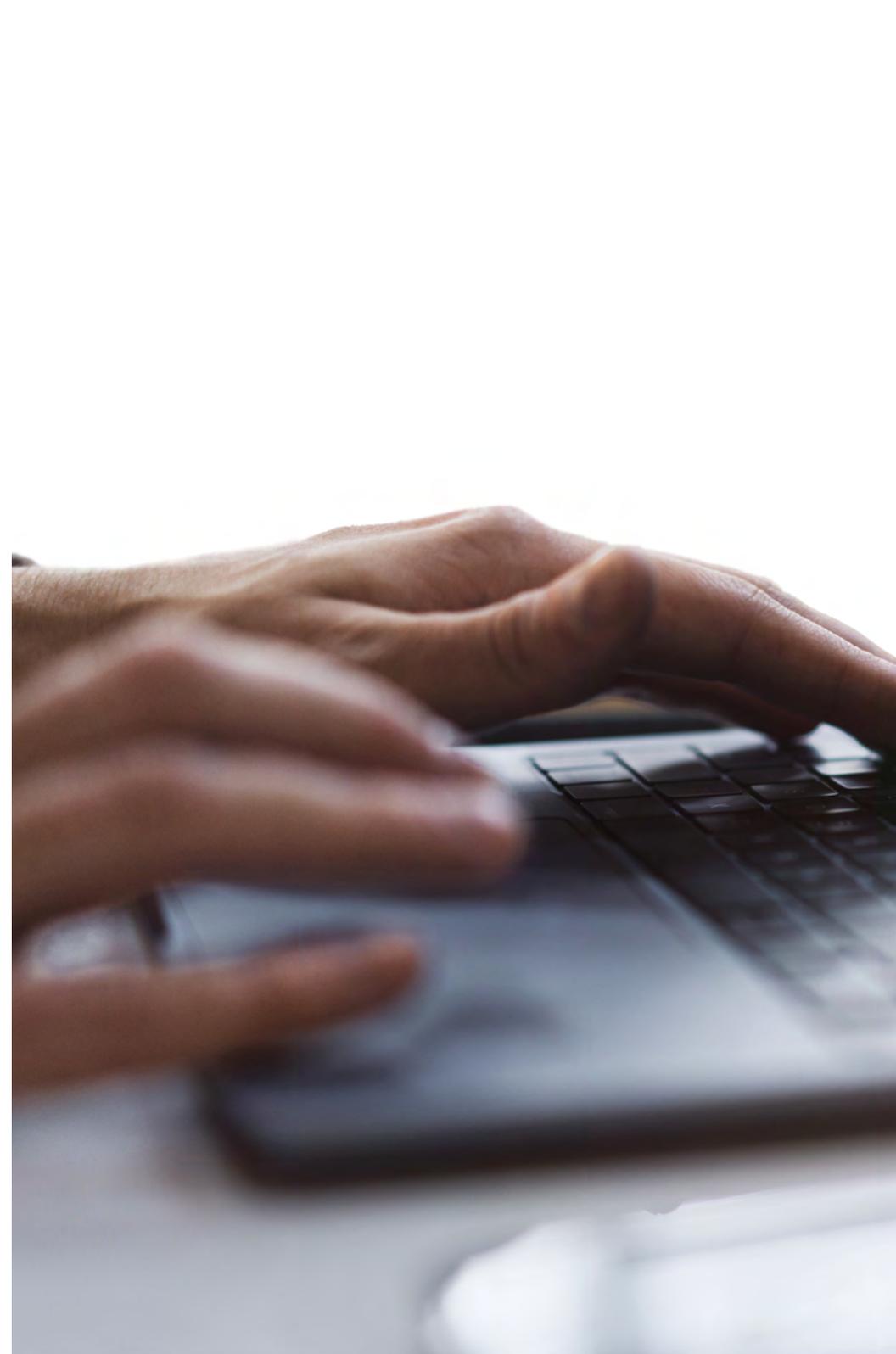
In TECH's study methodology, the student is the main protagonist.

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.

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*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.

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*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

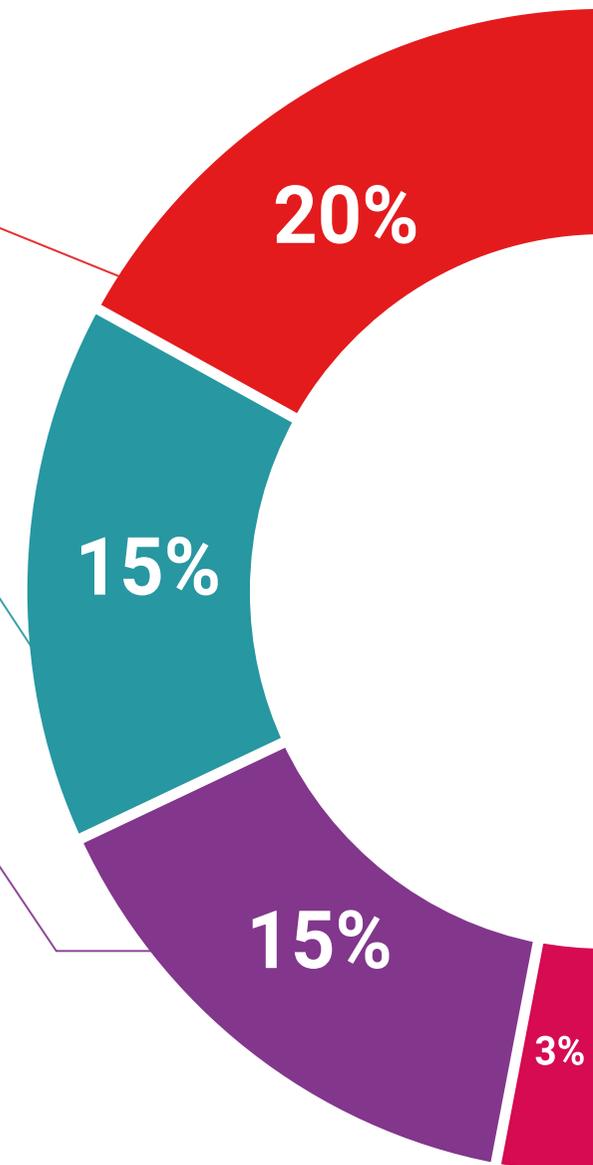
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

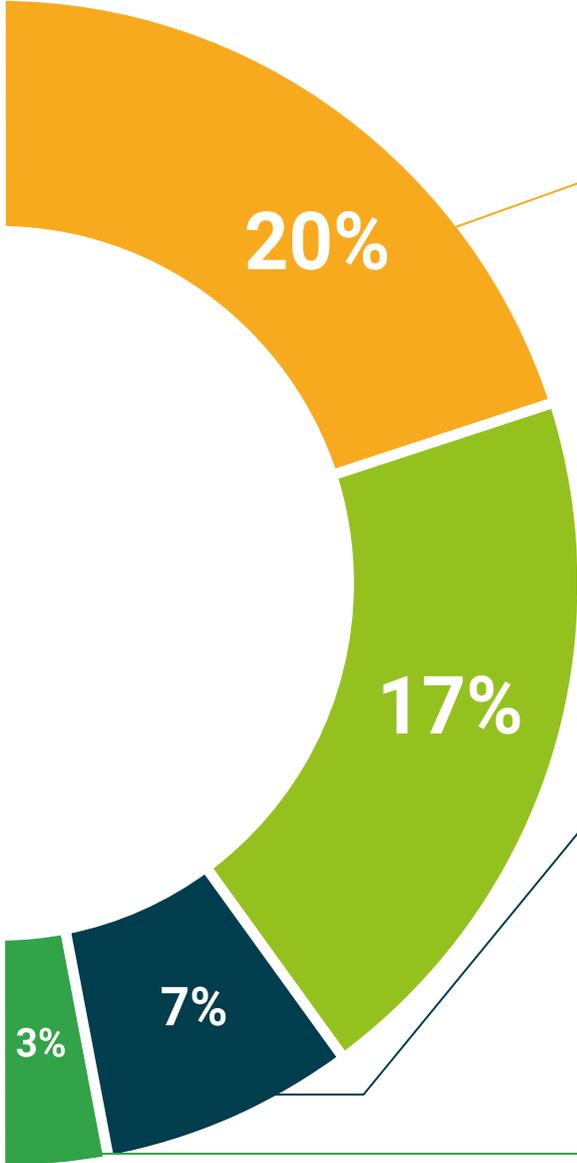
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



### Additional Reading

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





**Case Studies**

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.



**Testing & Retesting**

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.



06

# Teaching Staff

The teachers selected by TECH for this program have a unique combination of academic experience and professional trajectory in financial markets. They have led strategies in technical analysis, quantitative trading, and investment management at renowned stock market institutions. In addition, they have developed innovative methodologies to optimize investments and manage risk efficiently. You will have a prestigious faculty with extensive experience in financial consulting and market analysis, providing specialized education that will enable you to make strategic decisions in highly competitive financial environments.



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*You will have a highly prestigious faculty with extensive professional experience, specializing in Spread Trading and its application in agribusiness”*

## Management



### Mr. Plaza Ponferrada, Samuel

- ♦ Educator and Analyst at Admiral Markets UK, LTD
- ♦ Co-founder of Daiko Markets S.L.
- ♦ Account Manager at Broker GKFX Spain
- ♦ Financial Advisor certified by the National Securities Market Commission and the Cyprus Securities and Exchange Commission
- ♦ Technical Analyst specialized in Quantitative Trading

## Professors

### Mr. López, Rubén

- ♦ Co-Founder at Inverlan Crowdtrading
- ♦ Independent financial advisor
- ♦ CNMV Financial Advisor Certificate from IDD Consulting
- ♦ Technician in Solar, Wind, and Renewable Energy from the University of Zaragoza
- ♦ Expert in Portfolio Management, Customer Service, Strategic Consulting, Risk Management, and Project Management from Brigham Young University



07

# Certificate

This Postgraduate Certificate in Commodity Investment and Hedging Strategies guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the Postgraduate Certificate issued by TECH Global University.





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

This private qualification will allow you to obtain a diploma for the **Postgraduate Certificate in Commodity Investment and Hedging Strategies** endorsed by TECH Global University, the world's largest online university.

**TECH Global University**, is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** 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: **Postgraduate Certificate in Commodity Investment and Hedging Strategies**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**





## Postgraduate Certificate Commodity Investment and Hedging Strategies

- » Modality: **online**
- » Duration: **6 weeks**
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- » Accreditation: **6 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

# Postgraduate Certificate Commodity Investment and Hedging Strategies