

# Postgraduate Certificate Financial Derivatives Trading



## Postgraduate Certificate Financial Derivatives Trading

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online
- » Aimed at: University Graduates, Graduates and Undergraduates who have previously completed any of the programs in the fields of Social and Legal Sciences, Administrative and Business Sciences

Website: [www.techtute.com/us/school-of-business/postgraduate-certificate/financial-derivatives-trading](http://www.techtute.com/us/school-of-business/postgraduate-certificate/financial-derivatives-trading)

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# 01

# Welcome

Financial Derivatives Trading is a practice that focuses on the trading of contracts that derive their value from another underlying asset, such as, for example, a stock index, a commodity or a currency. Some examples of financial derivatives are swaps. With the recent implementation of new technologies and new business models, it is essential to have professionals prepared to perform financial operations of high economic performance. TECH has created this program with the main objective of training students in a field in constant evolution. All this in a 100% online format and with numerous interactive multimedia resources.



Postgraduate Certificate in Financial Derivatives Trading  
TECH Technological University





“

*Enroll and master the most advanced strategies to make transactional movements in a matter of seconds, achieving maximum effectiveness in your deals with Financial Derivatives”*

02

# Why Study at TECH?

TECH is the world's largest 100% online business school. It is an elite business school, with a model based on the highest academic standards. A world-class center for intensive managerial skills education.



“

*TECH is a university at the forefront of technology, and puts all its resources at the student's disposal to help them achieve entrepreneurial success"*

## At TECH Technological University



### Innovation

The university offers an online learning model that balances the latest educational technology with the most rigorous teaching methods. A unique method with the highest international recognition that will provide students with the keys to develop in a rapidly-evolving world, where innovation must be every entrepreneur's focus.

"*Microsoft Europe Success Story*", for integrating the innovative, interactive multi-video system.



### The Highest Standards

Admissions criteria at TECH are not economic. Students don't need to make a large investment to study at this university. However, in order to obtain a qualification from TECH, the student's intelligence and ability will be tested to their limits. The institution's academic standards are exceptionally high...

**95%** | of TECH students successfully complete their studies



### Networking

Professionals from countries all over the world attend TECH, allowing students to establish a large network of contacts that may prove useful to them in the future.

**+100000**

executives prepared each year

**+200**

different nationalities



### Empowerment

Students will grow hand in hand with the best companies and highly regarded and influential professionals. TECH has developed strategic partnerships and a valuable network of contacts with major economic players in 7 continents.

**+500**

collaborative agreements with leading companies



### Talent

This program is a unique initiative to allow students to showcase their talent in the business world. An opportunity that will allow them to voice their concerns and share their business vision.

After completing this program, TECH helps students show the world their talent.



### Multicultural Context

While studying at TECH, students will enjoy a unique experience. Study in a multicultural context. In a program with a global vision, through which students can learn about the operating methods in different parts of the world, and gather the latest information that best adapts to their business idea.

TECH students represent more than 200 different nationalities.

TECH strives for excellence and, to this end, boasts a series of characteristics that make this university unique:



### Analysis

---

TECH explores the student's critical side, their ability to question things, their problem-solving skills, as well as their interpersonal skills.



### Academic Excellence

---

TECH offers students the best online learning methodology. The university combines the Relearning method (postgraduate learning methodology with the best international valuation) with the Case Study. Tradition and vanguard in a difficult balance, and in the context of the most demanding educational itinerary.



### Economy of Scale

---

TECH is the world's largest online university. It currently boasts a portfolio of more than 10,000 university postgraduate programs. And in today's new economy, **volume + technology = a ground-breaking price**. This way, TECH ensures that studying is not as expensive for students as it would be at another university.



### Learn with the best

---

In the classroom, TECH's teaching staff discuss how they have achieved success in their companies, working in a real, lively, and dynamic context. Teachers who are fully committed to offering a quality specialization that will allow students to advance in their career and stand out in the business world.

Teachers representing 20 different nationalities.



*At TECH, you will have access to the most rigorous and up-to-date case analyses in academia"*

03

# Why Our Program?

Studying this TECH program means increasing the chances of achieving professional success in senior business management.

It is a challenge that demands effort and dedication, but it opens the door to a promising future. Students will learn from the best teaching staff and with the most flexible and innovative educational methodology.





“

*We have highly qualified teachers and the most complete syllabus on the market, which allows us to offer you education of the highest academic level”*

This program will provide you with a multitude of professional and personal advantages, among which we highlight the following:

**01**

### A Strong Boost to Your Career

By studying at TECH, students will be able to take control of their future and develop their full potential. By completing this program, students will acquire the skills required to make a positive change in their career in a short period of time.

*70% of students achieve positive career development in less than 2 years.*

**02**

### Develop a strategic and global vision of the company

TECH offers an in-depth overview of general management to understand how each decision affects each of the company's different functional fields.

*Our global vision of companies will improve your strategic vision.*

**03**

### Consolidate the student's senior management skills

Studying at TECH means opening the doors to a wide range of professional opportunities for students to position themselves as senior executives, with a broad vision of the international environment.

*You will work on more than 100 real senior management cases.*

**04**

### You will take on new responsibilities

The program will cover the latest trends, advances and strategies, so that students can carry out their professional work in a changing environment.

*45% of graduates are promoted internally.*

05

### Access to a powerful network of contacts

TECH connects its students to maximize opportunities. Students with the same concerns and desire to grow. Therefore, partnerships, customers or suppliers can be shared.

*You will find a network of contacts that will be instrumental for professional development.*

06

### Thoroughly develop business projects

Students will acquire a deep strategic vision that will help them develop their own project, taking into account the different fields in companies.

*20% of our students develop their own business idea.*

07

### Improve soft skills and management skills

TECH helps students apply and develop the knowledge they have acquired, while improving their interpersonal skills in order to become leaders who make a difference.

*Improve your communication and leadership skills and enhance your career.*

08

### You will be part of an exclusive community

Students will be part of a community of elite executives, large companies, renowned institutions, and qualified teachers from the most prestigious universities in the world: the TECH Technological University community.

*We give you the opportunity to study with a team of world-renowned teachers.*

# 04

# Objectives

TECH has selected for the development of this program the academic topics of greatest demand and with great repercussion within the financial field. Each of them exposed through audiovisual resources and complementary readings, in order to allow the professional to catapult their skills and abilities for decision making in Trading movements. In this way, a new acquisition of knowledge in a practical way is guaranteed.



“

*No pre-set schedules and from the place you want. You are just a click away to get trained quickly and effectively”*



**TECH makes the goals of their students their own goals too  
Working together to achieve them**

The **Postgraduate Certificate in Financial Derivatives Trading** will enable the students to:

01

Analyze the international monetary system and the determination of the exchange rate in the foreign exchange market

02

Understand the effect that international activity has on financing and investment decisions

03

Develop skills in trading derivative instruments, such as futures, options and swaps, and understand how these products can be used for hedging and speculation

04

Develop a methodology for the analysis and selection of financial assets and products





05

Master technical analysis, including the interpretation of charts, patterns and signals, to identify investment opportunities and establish entry and exit points in the market

06

Develop an optimal mentality to be able to operate in the stock market

07

Develop the ability to analyze the economic-financial environment and quantify its impact on the different markets

08

In-depth knowledge of the tools used to analyze and manage investments or control risks



05

# Structure and Content

The syllabus of this program has been designed following the guidelines required by the business and financial sector. Inside, the students will find updated and rigorous information on Derivatives Trading. This content will be available in the virtual campus, which can be accessed from any device with an Internet connection and will be available 24 hours a day.



“

*TECH guarantees you a dynamic learning focused on the current demands of the sector, so you will find a high impact syllabus"*

## Syllabus

TECH's Postgraduate Certificate in Financial Derivatives Trading is an intensive program that prepares you to face challenges and business decisions in the field of Trading. The content has been designed to promote the development of managerial skills that enable more thorough decision-making in uncertain environments.

Throughout the course, the students will analyze a multitude of practical cases through individual and team work. They will also have access to high-impact audiovisual materials such as interactive videos, participation forums and complementary readings.

In conclusion, this is a unique opportunity for knowledge, developed by TECH together with its team of experts with the firm intention of demonstrating the most recent updates in the financial sector through an innovative methodology, focused on repetition and experience, leaving behind the conventional model of learning by rote.

This Postgraduate Certificate takes place over 6 weeks and is divided into 1 module:

### Module 1

### Derivatives Trading



### Where, When and How is it Taught?

TECH offers the possibility of developing this Postgraduate Certificate in Financial Derivatives Trading completely online. During the 6 weeks of the specialization, the student will be able to access all the contents of this program at any time, which will allow the students to self-manage their study time.

*A unique, key, and decisive educational experience to boost your professional development and make the definitive leap.*

**Module 1. Derivatives Trading**

**1.1. Objectives of Derivatives Trading**

- 1.1.1. Derivatives Trading Objectives
- 1.1.2. Derivatives Operations
- 1.1.3. Derivatives Trading Advantages and Disadvantages

**1.2. International Derivatives Market**

- 1.2.1. International Derivatives Market
- 1.2.2. Classification of the Derivatives Market
- 1.2.3. Analysis of the Main Markets

**1.3. Regulatory Framework of the Derivatives Market**

- 1.3.1. Regulatory Framework of the Derivatives Market
- 1.3.2. Evolution of Derivatives Market Regulation
- 1.3.3. International Regulatory Framework for Derivatives

**1.4. Derivative Investment Transactions**

- 1.4.1. Interest Rate and Fixed-Income Derivatives
- 1.4.2. Derivatives on Variable Income or Equity
- 1.4.3. Credit Derivatives

**1.5. Problems of Investment in Options**

- 1.5.1. Characteristics of Option Investments
- 1.5.2. Types of Option Investments
- 1.5.3. Main Challenges of Options

**1.6. Problems of Future Investment**

- 1.6.1. Characteristics of Future Investments
- 1.6.2. Types of Future Investments
- 1.6.3. Main Challenges of Futures

**1.7. Problems of Swaps Investments**

- 1.7.1. Characteristics of *Swaps* Investments
- 1.7.2. Types of *Swaps* Investments
- 1.7.3. Main Challenges of *Swaps*

**1.8. Problems of Investing in Forward Contracts**

- 1.8.1. Characteristics of Forward Investments
- 1.8.2. Types of Forward Investments
- 1.8.3. Main Challenges of Forward

**1.9. Derivatives Investment Strategies**

- 1.9.1. Derivative Investment Strategies in Fixed Products
- 1.9.2. Investment Strategies for Derivatives in Variable Products
- 1.9.3. Investment Strategies in Credit Derivatives

**1.10. Derivative Investment Risks**

- 1.10.1. Risks of Investment in Derivatives on Fixed Products
- 1.10.2. Risks of Investment in Derivatives on Variable Products
- 1.10.3. Credit Derivative Investment Risks





“

*A first class academic compendium specially designed for you to update yourself correctly in a field with high professional demand”*

# 06

# Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.







“

*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## TECH Business School uses the Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

“

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



*This program prepares you to face business challenges in uncertain environments and achieve business success.*





## A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch to present executives with challenges and business decisions at the highest level, whether at the national or international level. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and business reality is taken into account.

“

*You will learn, through collaborative activities and real cases, how to solve complex situations in real business environments”*

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

The case method has been the most widely used learning system among the world's leading business schools for as long as they have existed. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They must integrate all their knowledge, research, argue and defend their ideas and decisions.

## Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

*Our online system will allow you to organize your time and learning pace, adapting it to your schedule. You will be able to access the contents from any device with an internet connection.*

At TECH you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our online business school is the only one in the world licensed to incorporate this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.





In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

With this methodology we have trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, markets, and financial instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

*Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.*

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.



This program offers the best educational material, prepared with professionals in mind:



### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



### Classes

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

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



### Management Skills Exercises

They will carry out activities to develop specific executive competencies in each thematic area. Practices and dynamics to acquire and develop the skills and abilities that a high-level manager needs to develop in the context of the globalization we live in.



### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





### Case Studies

Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best senior management specialists in the world.



### Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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



### Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



07

# Our Students' Profiles

The Postgraduate Certificate is aimed at University Graduates who have previously completed any of the following degrees in the field of Social and Legal Sciences, Administration and Economics.

The diversity of participants with different educational profiles and from multiple nationalities makes up the multidisciplinary approach of this program.

The Postgraduate Certificate can also be taken by professionals who, being university graduates in any area, have two years of work experience in the field of Trading and finance.





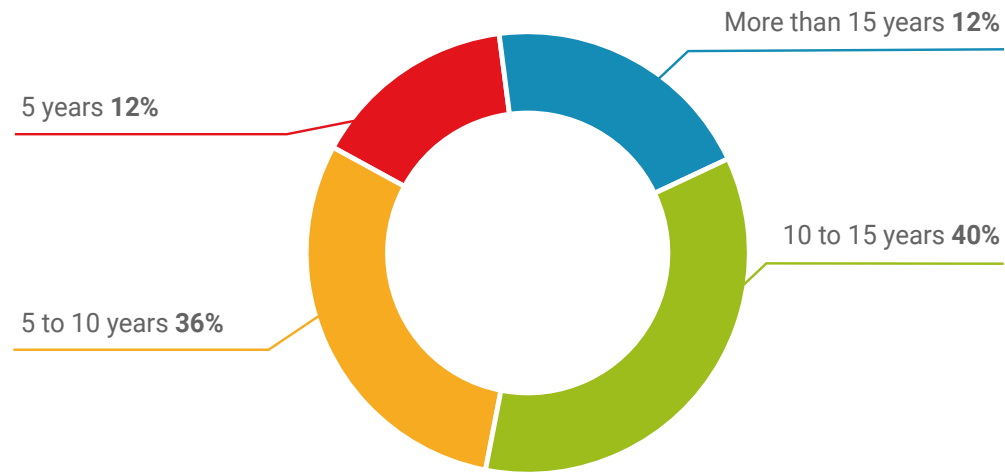
“

*You will learn through high-impact audiovisual resources, designed by experts and specialists with several years of experience”*

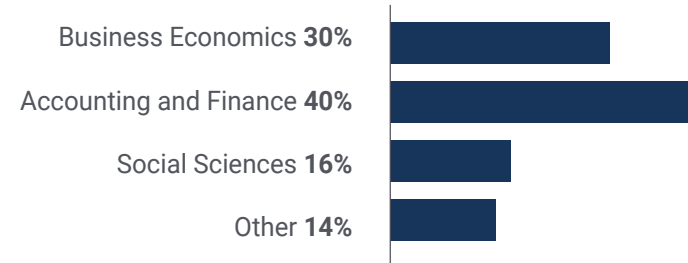
### Average Age

Between **35** and **45** years old

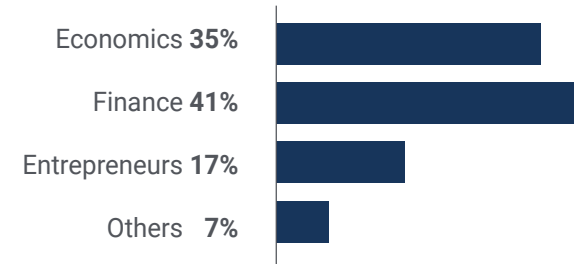
### Years of Experience



### Training



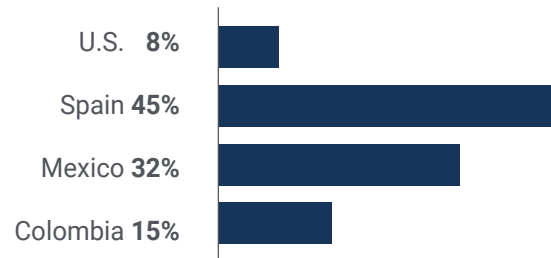
### Academic Profile





## Geographical Distribution

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## Sofía García Téllez

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Financial Analyst

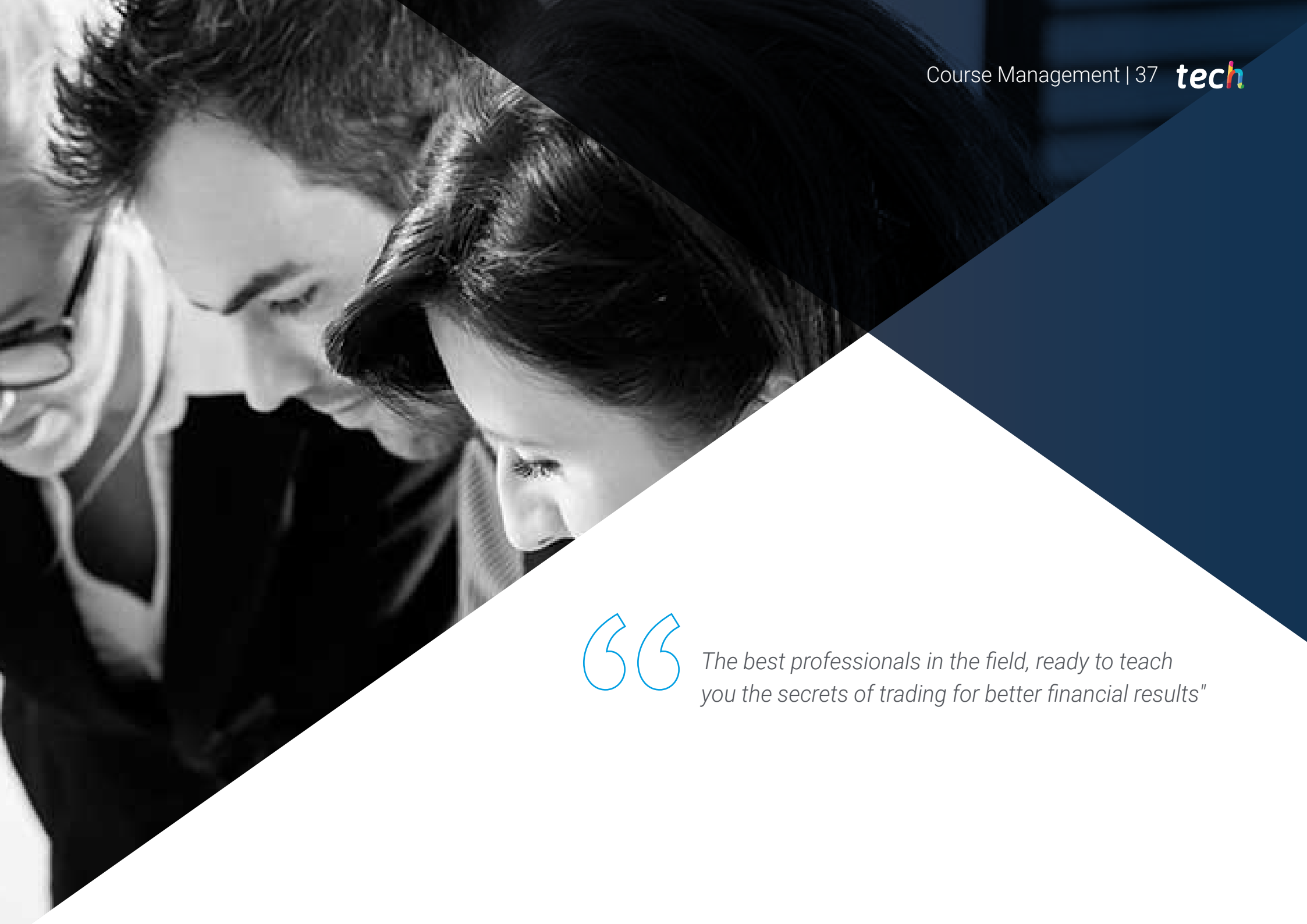
*"Thanks to this Postgraduate Certificate I was able to acquire the necessary knowledge and tools to trade with confidence and efficiency. I learned to identify opportunities and mitigate risks in the financial derivatives market and to use advanced investment strategies"*

08

# Course Management

At its highest academic level, TECH has selected for the direction of the program a cadre of active faculty with several years of experience in the field of Financial Derivatives Trading. This faculty is composed of experts and specialists, who throughout their careers have stood out for their extensive knowledge in the business sector. They have jointly deposited in the academic compendium the most updated and rigorous information of the sector, offering an exclusive and high impact material.





“

*The best professionals in the field, ready to teach you the secrets of trading for better financial results”*

## Management



### Ms. Medrano García, María Luisa

- ◆ Director of university graduate programs
- ◆ Technical advisor for public institutions
- ◆ Professor in university degrees, courses and postgraduate programs
- ◆ PhD in Senior Management from the University Rey Juan Carlos
- ◆ Degree in Business Administration from Complutense University of Madrid
- ◆ Economic and Social Council of the Community of Madrid Research Award

## Professors

### Dr. Prado Román, Miguel

- ◆ Researcher specialized in Accounting and Finance
- ◆ Professor in university studies in Accounting and Finance
- ◆ Professor in university training courses and postgraduate studies
- ◆ Author of numerous publications in high impact journals
- ◆ PhD in Accounting and Finance from the Rey Juan Carlos University
- ◆ Professional Master's Degree in Auditing and Senior Accounting from the Rey Juan Carlos University
- ◆ Degree in Business Administration and Management from the University College of Financial Studies





09

# Impact on Your Career

Attending this program can have a significant impact on a financial professional's career. This training provides advanced skills and knowledge for more informed and strategic investment decisions, resulting in greater efficiency and profitability.





“

*Once you graduate, you will be closer to achieving your career goals”*

### Are you ready to take the leap? Excellent professional development awaits you

TECH's Postgraduate Certificate in Financial Derivatives Trading is an intensive program that prepares you to face challenges and business decisions in the digital marketplace. The main objective is to promote your personal and professional growth. Helping you achieve success.

If you want to improve yourself, make a positive change at a professional level and interact with the best, this is the place for you"

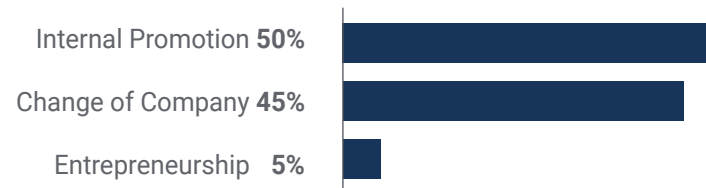
*Stands out in a booming sector with diverse professional opportunities due to the growth of trading in recent years.*

*Learn about the issues involved in investing in forward contracts, which will allow you to trade with more rewarding results.*

#### When the change occurs



#### Type of change



## Salary increase

---

This program represents a salary increase of more than **25%** for our students



10

# Benefits for Your Company

Having a specialist in Financial Derivatives Trading can be a great benefit for companies that operate in the business and economic field, since these professionals can help the company to improve its efficiency and profitability in investment operations and risk hedging.



“

*The online modality of this program allows you to combine your daily routine with the acquisition of new knowledge"*



Developing and retaining talent in companies is the best long-term investment.

01

### **Growth of talent and intellectual capital**

The professional will introduce the company to new concepts, strategies, and perspectives that can bring about significant changes in the organization.

---

02

### **Retaining high-potential executives to avoid talent drain**

This program strengthens the link between the company and the professional and opens new avenues for professional growth within the company.

03

### **Building agents of change**

You will be able to make decisions in times of uncertainty and crisis, helping the organization overcome obstacles.

---

04

### **Increased international expansion possibilities**

Thanks to this program, the company will come into contact with the main markets in the world economy.



05

### **Project Development**

The professional can work on a real project or develop new projects in the field of R & D or business development of your company.

---

06

### **Increased competitiveness**

This program will equip students with the skills to take on new challenges and drive the organization forward.

# 11

# Certificate

The Postgraduate Certificate in Financial Derivatives Trading guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



“

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

This **Postgraduate Certificate in Financial Derivatives Trading** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery\*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Financial Derivatives Trading**

Official N° of Hours: **150 h.**



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



future

health

confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

**tech** technological  
university

personalized service innovation

knowledge present

online training

development languages

virtual classroom

## Postgraduate Certificate Financial Derivatives Trading

- › Modality: online
- › Duration: 6 weeks
- › Certificate: TECH Technological University
- › Dedication: 16h/week
- › Schedule: at your own pace
- › Exams: online

# Postgraduate Certificate Financial Derivatives Trading