

Postgraduate Certificate Equity Derivatives





Postgraduate Certificate Equity Derivatives

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online
- » Target Group: Graduates, postgraduates and university graduates who have previously completed any degree in the field of Financial Economics, Accounting, Business or Social and Legal Sciences

Website: www.techtute.com/us/school-of-business/postgraduate-certificate/equity-derivatives

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01 Welcome

The equity market, or also known as the stock market, is a reflection of business probabilities that directly relates to the general economic situation of countries around the world. For this reason, markets are necessary, primarily for the economies of individual nations, as they provide companies with adequate resources and liquidity. In accordance with the importance of this field of study, this program has been developed, which will provide the professional with prestigious material related to portfolios formed by variable income assets. In that sense, it will be supported by multimedia tools of the highest standards, in addition, all this will be executed through a 100% online modality.



Postgraduate Certificate in Equity Derivatives TECH Technological University



“

TECH will provide you with first-hand material on the Equity Derivatives sector, as well as audiovisual support of the highest level”

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

From this program, the professional will be able to obtain the most current news about investment in variable income and investment in shares within the Trading area. In addition, TECH will provide students with a variety of multimedia resources and technical knowledge that will lead them to enhance areas such as the Capital Asset Pricing Model and the beta of a financial asset, as well as to delve into asymmetric risk measures. Therefore, at the end of this Postgraduate Certificate, students will have broadened their competences related to profitability and risk of an equity portfolio.



“

One of TECH's objectives is to guarantee your professional growth through the implementation of the most innovative material in the sector"

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

The **Postgraduate Certificate in Equity Derivatives** will enable the student to:

01

Analyze financial derivatives markets, from their origins in forward transactions to the present day, given that millions of transactions take place every day and involve large equivalent amounts of capital

04

Determine and compare the management of such expectations with combined option figures

02

Delve into the principles of investment in equities, with special emphasis on two key elements such as profitability and risk

03

Delve into the characteristics of trading platforms and derivative trading platforms and derivative contracts in international markets

05

Differentiate the risks inherent in strategies for exploiting bullish versus bearish volatility expectations

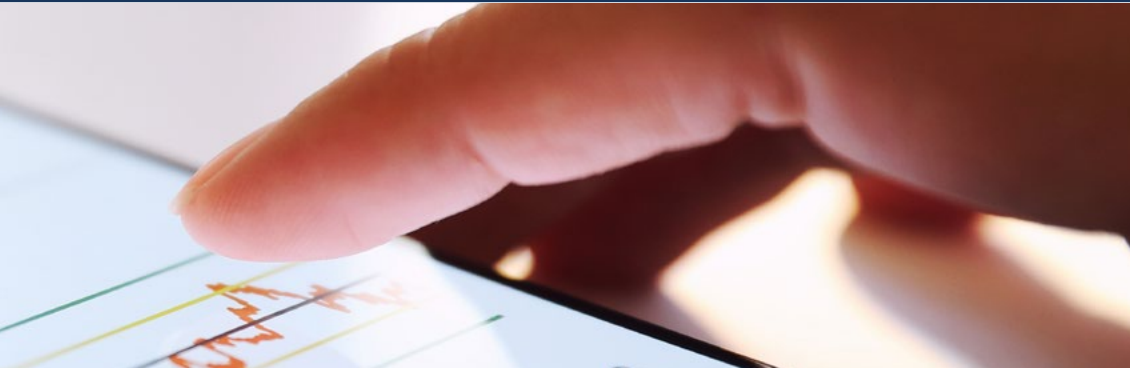


06

Examine the possibilities offered by calendar combinations between bought options and sold options with different maturities

08

Examine the possibilities offered by combinations between bought and sold options with different maturities to improve portfolio performance



09

Detailing the particularities of the most common exotic options

07

Analyze and compare the different possibilities of option combinations in order to progressively improve the portfolio performance

10

Compare the performance of each exotic option to improve the return-risk ratio of the equity investment

05

Structure and Content

The Postgraduate Certificate in Equity Derivatives is a program that essentially focuses on specific skills that delve into multifactor models, VAR (*Value at Risk*) models and Money Management models.

Therefore, this educational program is focused on a strictly theoretical-practical pillar, accompanied by the immense knowledge and vast experience of a fully qualified teaching staff in the area of finance.



“

A syllabus designed with the purpose of delving into key aspects to detail the particularities of the most common exotic options"

Syllabus

This program incorporates 150 hours of continuous learning, in which TECH will guide students to the paths of professional success through an elite education, instilling excellence and efficiency. In this way, the graduate will reach the top with the most important positions in the financial sector, rigorously assimilating the challenges imposed by the work environment. Therefore, this program provides multiple skills related to active, passive and alternative management.

In this sense, the teaching team has developed a comprehensive syllabus containing 1 module, with the aim of strengthening and expanding the graduate's knowledge of criteria based on long-term perspectives.

On the other hand, the students of this Postgraduate Certificate will learn fundamental concepts about dispersion measures: Standard Deviation. In this way, professionals will be able to obtain top-level competences related to other approaches to portfolio risk and its management.

Furthermore, TECH focuses on comfort and excellence, that is why this program offers the most complete and high quality update, being a program of great flexibility as it only requires a device with an internet connection to easily access the Virtual Platform from the comfort of wherever you are.

This Postgraduate Certificate is developed over 6 weeks and is divided into 1 module.

Module 1

Equity Derivatives



Where, When and How is it Taught?

TECH offers students the opportunity to take this Postgraduate Certificate in Equity Derivatives entirely 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.

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

Module 1. Equity Derivatives

1.1. Investment in Equities Investment in shares: Elements

- 1.1.1. Measurement of equities returns
- 1.1.2. Historical returns of equity markets: Comparison with the one of other financial assets

1.2. Equity Risk Assessment Measures

- 1.2.1. Measures of Dispersion: Standard deviation
- 1.2.2. Capital Asset Pricing Model and the beta of a financial asset
- 1.2.3. Asymmetric risk measures

1.3. Portfolios made up of equity assets

- 1.3.1. Returns and risk of an equity portfolio
- 1.3.2. Diversification
- 1.3.3. Performance Measures of an equity portfolio

1.4. Equity Portfolio Management

- 1.4.1. Passive management: search for a suitable benchmark
- 1.4.2. Active management: search for alpha
- 1.4.3. Alternative management: search for positive return

1.5. Other approaches to portfolio risk and its management

- 1.5.1. Multifactor models
- 1.5.2. VAR (Value at Risk) models
- 1.5.3. Money Management Models

1.6. Criteria for the formation of actively managed portfolios in a long-term perspective

- 1.6.1. Criteria based on long-term perspectives
- 1.6.2. Strategic Asset Allocation
- 1.6.3. Fundamental Analysis

1.7. Criteria for the formation of actively managed portfolios in a short-term perspective

- 1.7.1. Criteria based on short-term Perspectives
- 1.7.2. Graphical analysis
- 1.7.3. Statistical Analysis

1.8. Investment coverage in individual stocks

- 1.8.1. Coverage ratio. Use of futures
- 1.8.2. Coverage with purchased options
- 1.8.3. Coverage with sold options

1.9. Investment coverage in equity portfolios

- 1.9.1. Coverage ratio. Portfolio beta
- 1.9.2. Portfolio coverage with future
- 1.9.3. Portfolio coverage with Options

1.10. Limitations of coverage with options

- 1.10.1. Influence of the estimated period at risk on the coverage
- 1.10.2. Influence on the coverage of the option strike
- 1.10.3. Influence on the coverage of the option expiration



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.



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

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”*

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 academic profiles and from multiple nationalities makes up the multidisciplinary approach of this program.

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





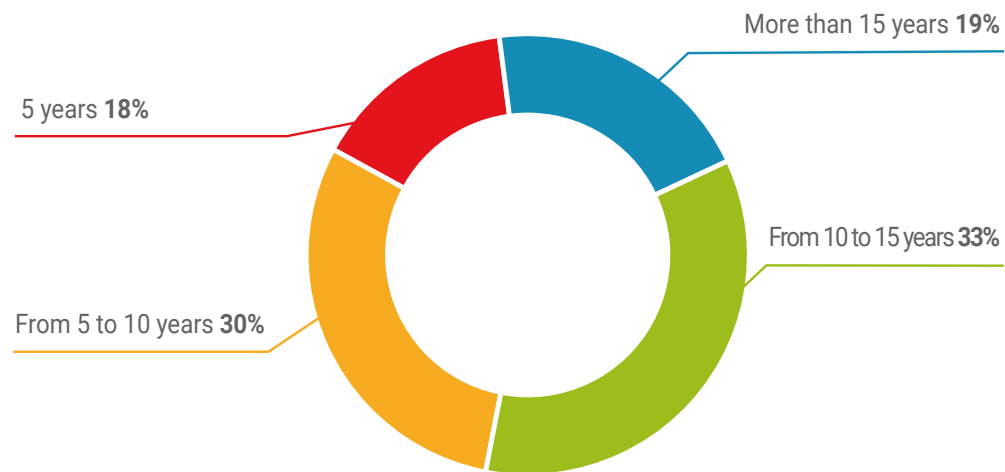
“

If you have experience in equity Derivatives and are looking for an interesting career enhancement while continuing to work, this is the program for you”

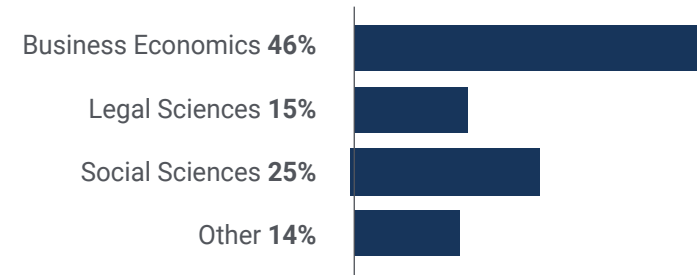
Average Age

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

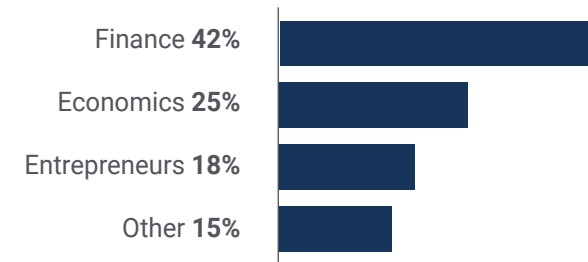
Years of Experience



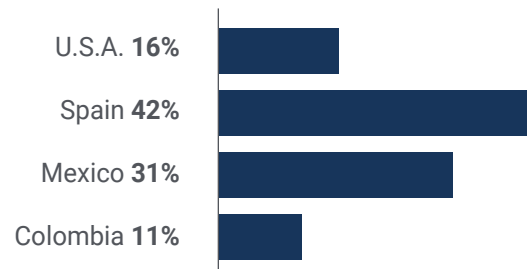
Training



Academic Profile



Geographical Distribution



Roberto Quijada

Private banking manager

"For me doing this degree was a big change in my career. It made it easier for me to see much better analysis and strategic methods. All of this led me to the optimization of investment portfolios and to progress in my professional career"

08

Course Management

TECH brings together a team of internationally renowned teachers, who are characterized by their extensive professional background. Therefore, these experts have developed this syllabus, integrating their specialized knowledge in Economics and Business Sciences, Financial Advisory and Wealth Management, Accounting and Finance. In this way, they will enable students to be at the forefront in a highly competitive sector. In this way, the professional will have access to different technological tools of the highest standards, guaranteeing the success of the program.



“

This program has a highly qualified teaching staff with an emphasis on performance measures of an equity portfolio"

Address



Dr. Sarto Marzal, José Luis

- ♦ Portfolio Manager in organized derivatives markets
- ♦ Financial Director at Celulosa Fabril
- ♦ Professor of Graduate Studies in Finance and Accounting at the University of Zaragoza
- ♦ PhD in Economics and Business Administration, Cum Laude honors from the University of Zaragoza
- ♦ Degree in Economics and Business Administration with a major in Finance from the University of Zaragoza

Professors

Dr. Andreu Sánchez, Laura

- ♦ Expert in Accounting and Finance
- ♦ Researcher in projects supported by the Ministry of Science and Innovation and the Government of Aragon
- ♦ Professor in Masters, Diplomas and Degrees at the University of Zaragoza
- ♦ PhD in Accounting and Finance with Cum Laude Honors from the University of Zaragoza
- ♦ Degree in Business Administration and Management from the University of Zaragoza
- ♦ Postgraduate Diploma in Financial Advisory and Wealth Management from the University of Zaragoza

Dr. Gimeno Losilla, Ruth

- ♦ Expert in Accounting and Finance
- ♦ Professor in the Department of Accounting and Finance at the University of Zaragoza
- ♦ Researcher in projects for the Ministry of R&D+i, the Government of Aragon and the Ibercaja Banking Foundation
- ♦ Researcher in teaching innovation projects
- ♦ PhD in Accounting and Finance from the University of Zaragoza



Dr. Serrano Cored, Miguel

- ◆ Expert in Accounting and Finance
- ◆ Outbound Advisor (Work Force Management - WFM) at Majorel SP Solutions
- ◆ Team Leader of Collections Agents at Majorel SP Solutions
- ◆ Collection Agent at Majorel SP Solutions
- ◆ Administrative at Ibercaja
- ◆ PhD in Accounting and Finance
- ◆ Degree in Business Administration and Management with a major in Finance from the University of Zaragoza
- ◆ Postgraduate certificate in Business Sciences
- ◆ Master's Degree in Accounting and Finance from the University of Zaragoza

“

Take the opportunity to learn about the latest advances in this field in order to apply it to your daily practice”

09

Impact on Your Career

This educational program has been created with the purpose of providing the graduates with the skills and knowledge related to the financial sector, where they will be able to intervene in each of the challenges that arise in the execution of actions. In this way, TECH emphasizes on providing an education of the highest standards, focused on excellence in each of its qualifications. Therefore, the digital institution offers all the guarantees to the graduate of a prestigious education in statistical and graphical analysis.



“

You will enhance your skills in specific areas related to the influence on the coverage of the strike of the option through 6 weeks of the best theoretical, practical and additional content"

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

TECH's Postgraduate Certificate in Equity Derivatives is an intensive program that prepares you to face challenges and business decisions in the field of Finance. 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 network with the best, then this is the place for you.

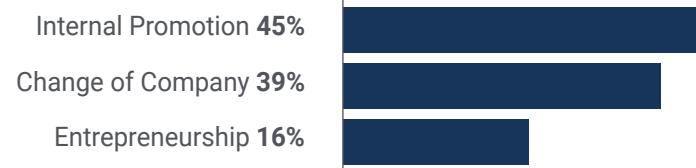
A program created by a highly distinguished faculty with a focus on Equity Derivatives.

At TECH you have a program of great flexibility, without a fixed schedule and you will be able to present your sessions from the comfort of your home.

When the change occurs



Type of change



Salary increase

This program represents a salary increase of more than **26.24%** for our students.



10

Benefits for Your Company

This program contributes to elevate the organization's talent to its maximum potential through the instruction of high-level leaders.

In addition, participating in this educational option is an unique opportunity to access a powerful network of contacts in which to find future professional partners, clients or suppliers.



“

In the digital era, managers must integrate new processes and strategies that bring about significant changes and organizational development. This is only possible through training and university updating”

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 Equity Derivatives 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 Equity Derivatives** 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 Equity Derivatives**

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

personalized service innovation

knowledge present

development language

virtual classroom

tech technological
university

Postgraduate Certificate Equity Derivatives

- » Modality: online
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