

Postgraduate Certificate

Advanced Financial Optimization Techniques with OR-Tools



Postgraduate Certificate Advanced Financial Optimization Techniques with OR-Tools

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online
- » Target Group: University graduates who have previously completed any of the degrees in the fields of Economic and Legal Sciences, Administration and Business Management

Website: www.techtute.com/us/school-of-business/posgraduate-certificate/advanced-financial-optimization-techniques-or-tools

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01 Welcome

Financial Optimization is a constant challenge for Finance Departments seeking to maximize returns and efficiently manage resources in an uncertain environment. In this scenario, OR-Tools has become an indispensable tool for both improving resource allocation and mitigating risks such as capital allocation. For this reason, experts need to handle this specialized software rigorously in order to provide innovative solutions that improve strategic decision making. In order to facilitate this task, TECH has created a revolutionary university program focused on the use of this tool and the implementation of Artificial Intelligence algorithms. Likewise, it is based on an online modality that allows professionals to plan their schedules.



Postgraduate Certificate in Advanced Financial
Optimization Techniques with OR-Tools
TECH Global University



“

Thanks to this 100% online Postgraduate Certificate, you will master OR-Tools to solve complex financial issues such as investment portfolio optimization and return maximization”

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

Thanks to this Postgraduate Certificate, experts will master the specialized OR-Tools software to solve complex Financial Optimization problems. In this sense, students will acquire advanced skills to carry out programming and modeling techniques to improve strategic decision making. In this way, professionals will be able to identify and mitigate risks in real time using Artificial Intelligence algorithms. In addition, students will be highly qualified to automate routine tasks such as portfolio management, reporting and resource allocation.



“

You will apply state-of-the-art Machine Learning techniques to analyze data patterns in the market and make predictions about the behavior of financial assets”

**TECH makes the objectives of its students its own.
Working together to achieve them**

The **Postgraduate Certificate in Advanced Financial Optimization Techniques with OR-Tools** will enable students to:

01

Apply Artificial Intelligence techniques in financial decision making

04

Automate routine financial processes using Machine Learning

02

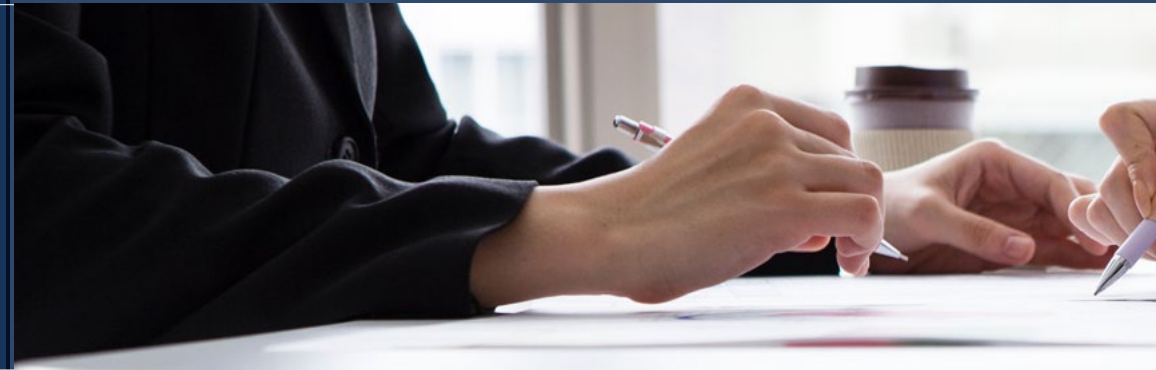
Develop predictive models for financial risk management

03

Optimize the allocation of financial resources by means of Artificial Intelligence algorithms

05

Implement natural language processing tools for financial data analysis



06

Design recommendation systems for the financial sector

08

Evaluate the impact of Artificial Intelligence on the profitability of companies

09

Improve the detection of financial frauds with the use of Artificial Intelligence

07

Analyze large volumes of financial data through Big Data techniques

10

Create financial asset valuation models using Artificial Intelligence



11

Develop financial simulation tools based on Artificial Intelligence algorithms

12

Apply data mining techniques to identify financial patterns

13

Develop optimization models for financial planning



14

Use neural networks to improve market trend forecasting

17

Develop analytical capabilities for interpreting the results of financial AI models

15

Develop Artificial Intelligence-based solutions for personalization of financial products

18

Investigate the use of AI in financial regulation and compliance

16

Implement Artificial Intelligence systems for automated investment decision making

19

Develop Artificial Intelligence solutions to reduce costs in financial processes

05

Structure and Content

The Postgraduate Certificate in Advanced Financial Optimization Techniques with OR-Tools is a tailor-made syllabus that is delivered in a flexible 100% online modality to adapt to your schedule and personal circumstances. It is a program that takes place over 6 weeks and is a unique intensive experience that will lay the foundations for your professional success.



“

You will build different financial scenario models with OR-Tools to predict future results and minimize investment risks”

Syllabus

Through this qualification, students will overcome any challenge in the field of Financial Management and make strategic decisions based on solid data.

Designed by specialists in Artificial Intelligence applied to financial contexts.

The syllabus will analyze aspects ranging from Markowitz Models to optimize investment portfolios to the implementation of genetic algorithms in finance.

In this way, professionals will optimize the allocation of capital in investment projects and anticipate possible risks such as market price volatility. All this will help them to assume roles of greater responsibility in their companies.

Module 1

Advanced Financial Optimization Techniques with OR-Tools



Where, When and How is it Taught?

TECH offers you the possibility to study this Postgraduate Certificate in Advanced Financial Optimization Techniques with OR-Tools 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 them 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. Advanced Financial Optimization Techniques with OR-Tools

1.1. Introduction to Financial Optimization

- 1.1.1. Basic Optimization Concepts
- 1.1.2. Optimization Tools and Techniques in Finance
- 1.1.3. Applications of Optimization in Finance

1.2. Investment Portfolio Optimization

- 1.2.1. Markowitz Models for Portfolio Optimization
- 1.2.3. Portfolio Optimization with Constraints
- 1.2.4. Implementation of Optimization Models with OR-Tools in Python

1.3. Genetic Algorithms in Finance

- 1.3.1. Introduction to Genetic Algorithms
- 1.3.2. Application of Genetic Algorithms in Financial Optimization
- 1.3.3. Practical Examples and Case Studies

1.4. Linear and Non-linear Programming in Finance

- 1.4.1. Fundamentals of Linear and Nonlinear Programming
- 1.4.2. Applications in Portfolio Management and Resource Optimization
- 1.4.3. Tools for Solving Linear Programming Problems

1.5. Stochastic Optimization in Finance

- 1.5.1. Concepts of Stochastic Optimization
- 1.5.2. Applications in Risk Management and Financial Derivatives
- 1.5.3. Stochastic Optimization Models and Techniques

1.6. Robust Optimization and its Application in Finance

- 1.6.1. Fundamentals of Robust Optimization
- 1.6.2. Applications in Uncertain Financial Environments
- 1.6.3. Case Studies and Examples of Robust Optimization

1.7. Multi-Objective Optimization in Finance

- 1.7.1. Introduction to Multiobjective Optimization
- 1.7.2. Applications in Diversification and Asset Allocation
- 1.7.3. Techniques and Tools for Multiobjective Optimization

1.8. Machine Learning for Financial Optimization

- 1.8.1. Application of Machine Learning Techniques in Optimization
- 1.8.2. Optimization Algorithms Based on Machine Learning
- 1.8.3. Implementation and Case Studies

1.9. Optimization Tools in Python and OR-Tools

- 1.9.1. Python Optimization Libraries and Tools (SciPy, OR-Tools)
- 1.9.2. Practical Implementation of Optimization Problems
- 1.9.3. Examples of Financial Applications

1.10. Projects and Practical Applications of Financial Optimization

- 1.10.1. Development of Financial Optimization Projects
- 1.10.2. Implementation of Optimization Solutions in the Financial Sector
- 1.10.3. Evaluation and Presentation of Project Results



“

You will enjoy an enjoyable learning experience thanks to the multimedia resources provided by this university program, including interactive summaries and explanatory videos. Enroll now!”

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.



“

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

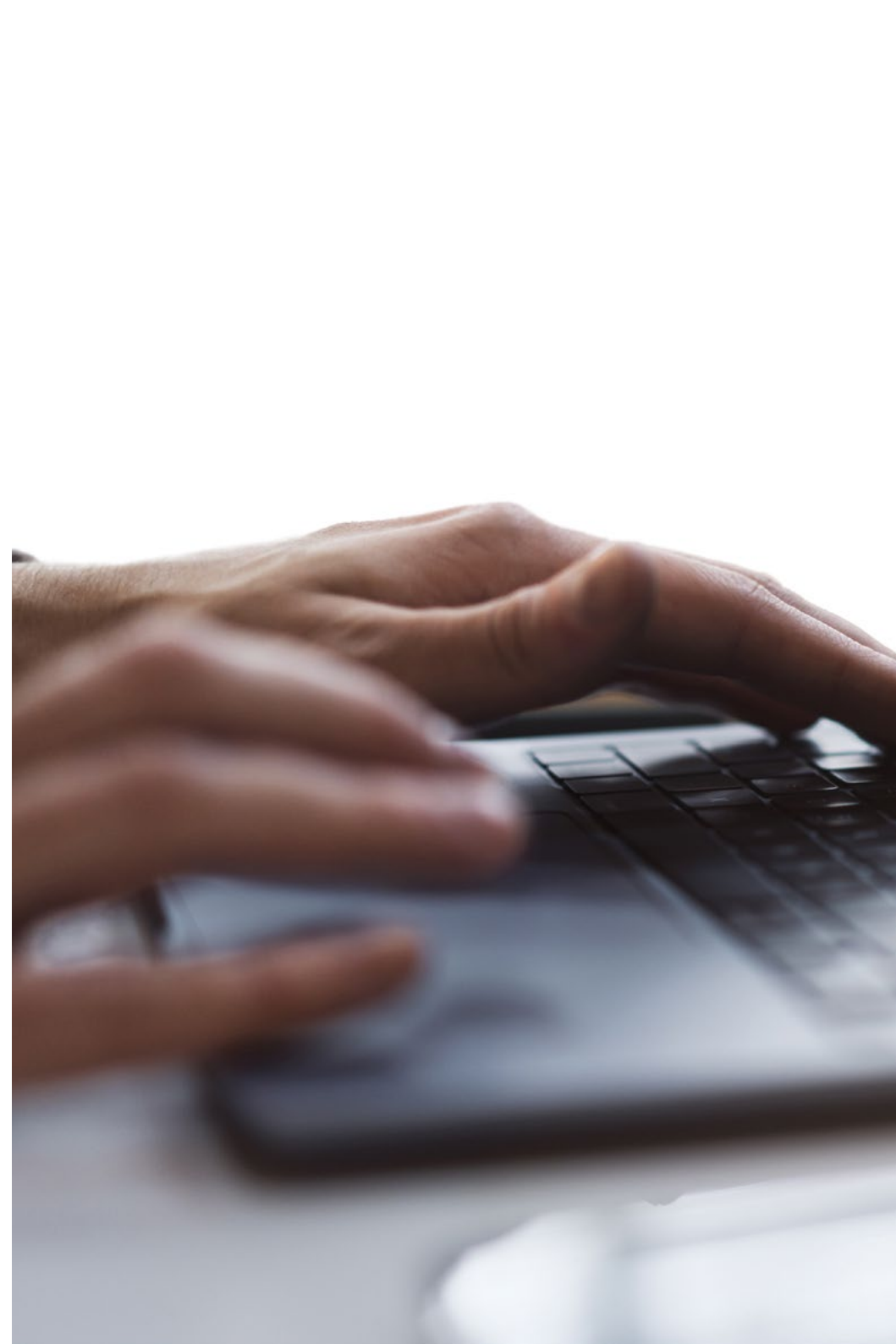
In TECH's study methodology, the student is the main protagonist.

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.

“

*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.

“

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 quality of teaching, quality of materials, course structure and objectives is excellent. Not surprisingly, the institution became the best rated university by its students on the Trustpilot review platform, 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

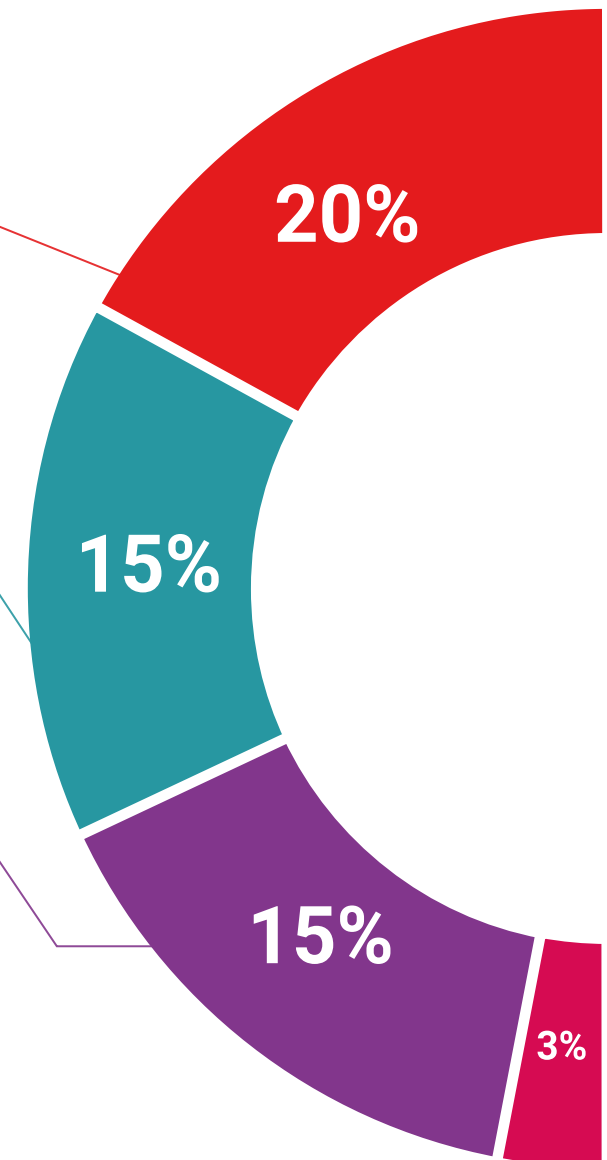
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

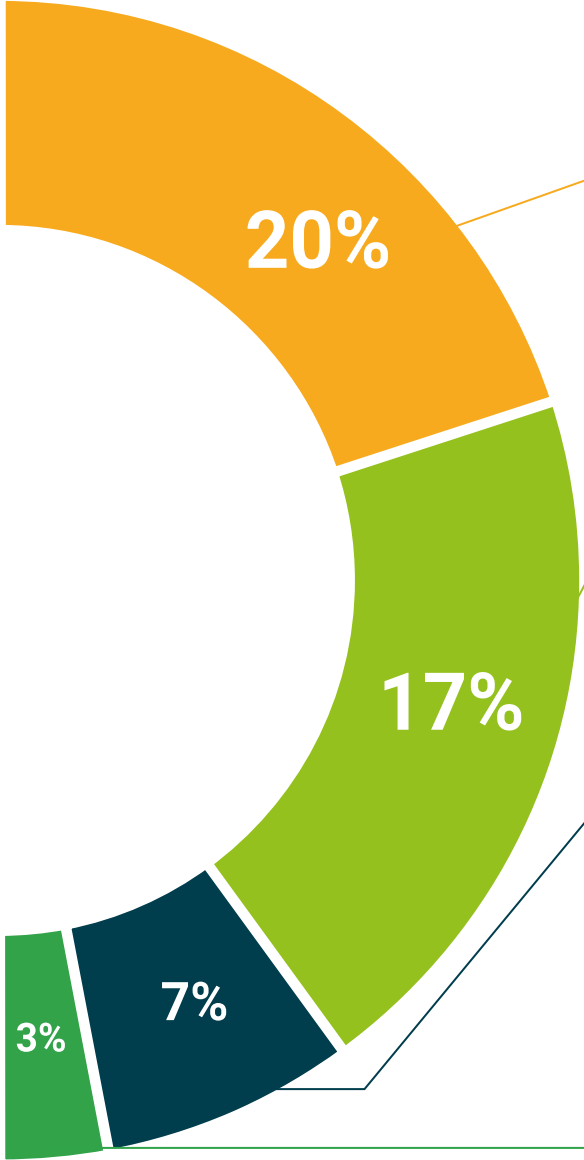
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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.



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 Economic and Legal Sciences, Administration and Business Management.

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

The program is also open to professionals who, as university graduates in any field, have two years of work experience in the field of financial consulting



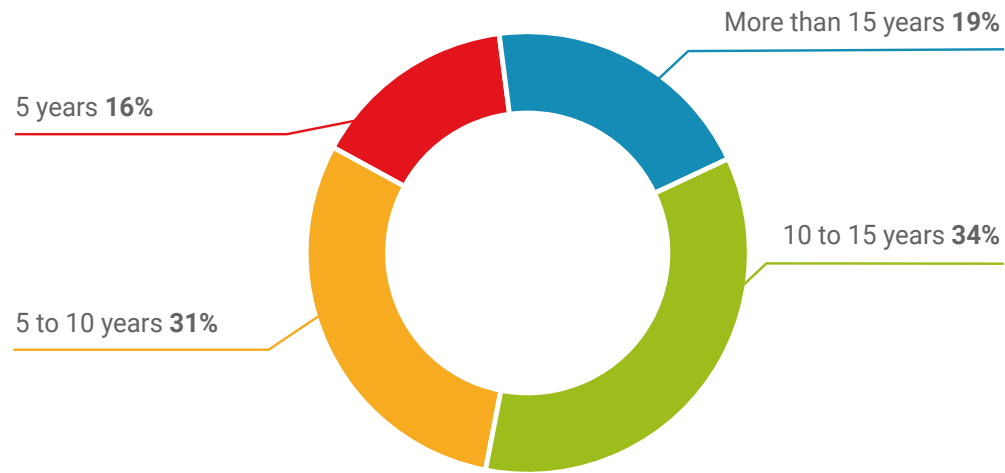
“

If you have worked professionally in the field of Financial Advisory and want to occupy strategic leadership positions, this program will provide you with the keys to achieve this with immediacy”

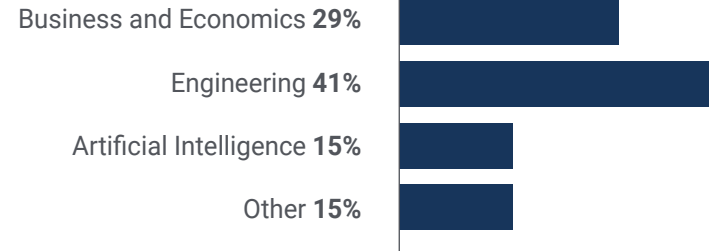
Average Age

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

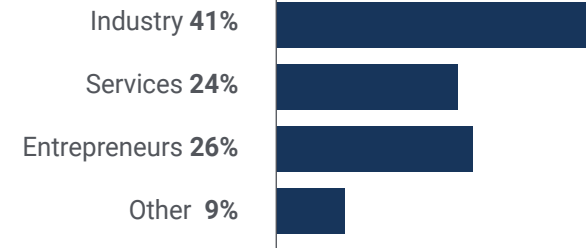
Years of Experience



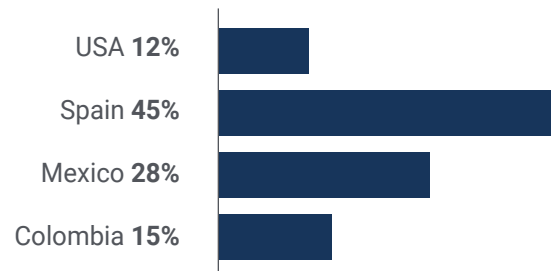
Training



Educational Profile



Geographical Distribution



Francisco Javier Machado Ruiz

Financial Manager in a well-known Consulting Firm

"Thanks to TECH's Postgraduate Certificate in Advanced Financial Optimization Techniques with OR-Tools, I am getting the most out of OR-Tools in order to optimize financial control. This has allowed me to considerably improve my efficiency and to access a leadership role in my company"

08

Course Management

In line with its philosophy of providing the most complete and up-to-date university programs, TECH carefully selects its respective teaching staff. Thanks to this effort, this Postgraduate Certificate counts with the participation of authentic leaders in the adoption of Artificial Intelligence in the Financial Department. In fact, these specialists have an extensive work background where they have led the digital transformation in multiple organizations and have helped them to solve complex optimization problems. In this way, students will enter into an immersive experience that will allow them to experience a significant leap in quality in their professional careers.



“

An experienced teaching team, specialized in the use of Artificial Intelligence in the financial field, will guide you throughout the learning process to resolve any doubts you may have”

Management



Dr. Peralta Martín-Palomino, Arturo

- ♦ CEO and CTO at Prometheus Global Solutions
- ♦ CTO at Korporate Technologies
- ♦ CTO at AI Shephers GmbH
- ♦ Consultant and Strategic Business Advisor at Alliance Medical
- ♦ Director of Design and Development at DocPath
- ♦ PhD in Computer Engineering from the University of Castilla-La Mancha
- ♦ PhD in Economics, Business and Finance from the Camilo José Cela University
- ♦ PhD in Psychology from University of Castilla La Mancha
- ♦ Master's Degree in Executive MBA from the Isabel I University
- ♦ Master's Degree in Sales and Marketing Management, Isabel I University
- ♦ Expert Master's Degree in Big Data by Hadoop Training
- ♦ Master's Degree in Advanced Information Technologies from the University of Castilla La Mancha
- ♦ Member of the research group SMILE



Professors

Dr. Carrasco Aguilar, Álvaro

- ◆ Sales & Marketing Coordinator at LionLingo
- ◆ Researcher in Information Technology Management
- ◆ PhD in Social and Health Research: Technical and Economic Evaluation of Technologies, Interventions and Policies Applied to Health Improvement, University of Castilla La Mancha
- ◆ Master's Degree in Social and Health Research from the University of Castilla - La Mancha
- ◆ Degree in Political Science and Administration at the University of Granada
- ◆ Award for "Best Scientific Article for Technological Innovation for the Efficiency of Health Expenditure"
- ◆ Regular speaker at international scientific congresses

09

Impact on Your Career

This university qualification will mark a before and after in the students' professional careers. Professionals will acquire advanced skills to implement Artificial Intelligence solutions in companies, which will allow them to automate a variety of processes such as economic risk management, optimization of investment portfolios and even prediction of changes in market prices.

Students will also apply sophisticated optimization techniques to maximize profitability and minimize operating costs in institutions. They will use predictive modeling such as linear programming to improve financial analysis and make more informed strategic decisions.



“

You will master OR-Tools software to automate complex calculations and repetitive tasks, thereby optimizing the time and resources dedicated to financial management"

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

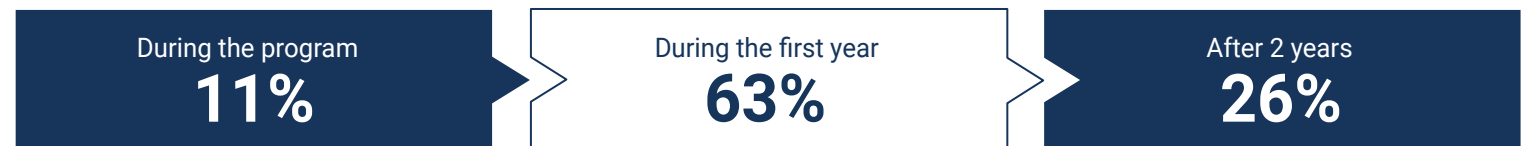
The Postgraduate Certificate in Advanced Financial Optimization Techniques with OR-Tools from TECH is an intensive program that prepares you to face challenges and business decisions in the field of Financial Management. The main objective is to promote your personal and professional growth. Helping 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.

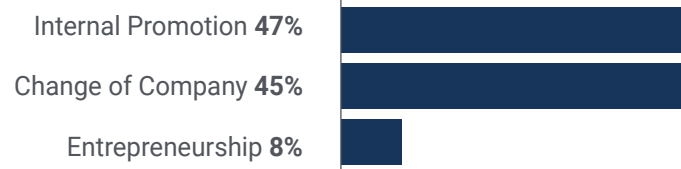
You will implement automated systems that improve the use of financial resources, maximizing the return on investment significantly.

You will acquire advanced skills to model financial problems using the main Optimization Techniques in OR-Tools.

Time of change



Type of change



Salary increase

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



10

Benefits for Your Company

The completion of this Postgraduate Certificate in Advanced Financial Optimization Techniques with OR-Tools will provide graduates with the technical skills to acquire an important competitive advantage. The experts will be highly qualified to model real problems of resource allocation, portfolio management and financial planning using optimization algorithms.

In this way, they will optimize the profitability of organizations and their ability to anticipate economic risks such as market volatility or fluctuations. They will also customize algorithms such as linear programming to solve specific economic problems and complex mathematical calculations.



“

You will make strategic decisions based on Financial Optimization models, which will allow you to significantly improve the accuracy and effectiveness of your work”

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 Advanced Financial Optimization Techniques with OR-Tools guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



“

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 **Postgraduate Certificate in Advanced Financial Optimization Techniques with OR-Tools** 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 Advanced Financial Optimization Techniques with OR-Tools**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



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



Postgraduate Certificate Advanced Financial Optimization Techniques with OR-Tools

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

Postgraduate Certificate

Advanced Financial Optimization Techniques with OR-Tools