

Postgraduate Certificate

Control, Finance and Operation in Pharma Biotech



Postgraduate Certificate Control, Finance and Operation in Pharma Biotech

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online
- » Target Group: Graduates, Postgraduate Certificates and University Graduates who have previously completed any of the programs in the fields of Business, Economics, Medicine, Pharmaceuticals, Biology, Chemistry

Website: www.techitute.com/us/school-of-business/postgraduate-certificate/control-finance-operation-pharma-biotech

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01 Welcome

Control, finance and operation are extremely important aspects for the Pharma Biotech industry. For example, effective management of operations and resources optimizes production processes, reduces costs and improves productivity. As well as the proper management of financial resources, investment analysis, budget planning and cost control are crucial to achieving long-term profitability and growth. In this context, it is important for the business professional to adapt to the various environments within the organization. For this reason, TECH has developed a 100% online educational program that will allow students to combine their daily activities with learning activities, since it will not be subject to fixed schedules.



Postgraduate Certificate in Control, Finance and Operation in Pharma Biotech
TECH Global University



You will learn to control and optimize production, marketing and distribution costs, thanks to this Postgraduate Certificate offered only by TECH"

02

Why Study at TECH?

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



“

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

At TECH Global 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 groundbreaking 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 Global University community.

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

04

Objectives

The main objective of this program is to provide students with the necessary knowledge and skills in the field of operations applied to the pharmaceutical and biotechnology industries. In this sense, the participant will be able to perform effective management in crucial areas to ensure regulatory compliance, financial profitability, operational efficiency and strategic decision making in this field.



“

You will master quantitative and qualitative techniques to assess profitability by product and make important decisions within the company"

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

The Postgraduate Certificate in Control, Finance and Operation in Pharma Biotech enables the student to:

01

Acquire knowledge about the history of strategic Management

04

Optimize working capital management

02

Categorize the different definitions over time



03

Assess financial efficiency

05

Understand the different types of health care systems, such as public, private/private insurance, and private health care

06

Assess unmet patient needs and chronicity management

08

Know the structure, organization and functions of the National Health System

09

Delve into the steps involved in planning the market access of a new drug

07

Understand what Market Access is and how the need for this function arises in the pharmaceutical industry

10

Review the points to be analyzed prior to the development of the access plan to understand the environment and competitors



11

Know the capabilities and ethics of the Coach

12

Understand the essence of coaching and its focus on learning

13

Acquire basic knowledge of the fundamental concepts of leadership and their application in the pharmaceutical industry





14

Understand and categorize leadership theories, exploring the leadership process and the different existing styles and models

15

Achieve an effective tool to achieve results

16

Define unique and differentiated value propositions

05

Structure and Content

This program has brought together a variety of key concepts for operation in the pharmaceutical and biotechnology industries. In this way, areas such as cost management, product profitability analysis, supply chain management and inventory control will be addressed. In the same line, we will delve into quality control, investment analysis and project management. In addition, the student will focus on cost management, enabling them to identify and control the costs associated with the production and marketing of products.



“

You will have at your disposal interactive summaries and a whole series of multimedia resources with which you will learn to control, optimize and analyze inventories for an efficient management within the organization"

Syllabus

TECH has developed a Postgraduate Certificate in Control, Finance and Operation in Pharma Biotech, which will cover a wide range of crucial topics in the business management of the pharmaceutical and biotech industry. In this way, the participant will focus on developing the necessary skills to achieve efficient cost control and strategic project management. The program will begin by delving into the control of research and development expenses, addressing key aspects such as the allocation and monitoring of financial resources in this critical area.

In addition, best practices for tracking expenditures will be explored, enabling accurate and detailed management of resources allocated to research and development of new products. Operating expenses, such as production and marketing expenses, will also be analyzed in depth. Strategies to optimize costs and ensure efficiency in the company's financial management will be examined.

Similarly, expense analysis is another central aspect of the syllabus, providing

tools and techniques to assess and understand the organization's expenses in relation to its results. As well as the study of methods of financial analysis and ways to use this information for informed decision making will be explored.

In order to ensure efficient learning, this program has been designed in a 100% online format. This will provide students with numerous advantages, such as access to a variety of multimedia resources, including specialized texts and interactive summaries, available in a virtual library created especially for them. In addition, the Relearning method will be implemented, which will ensure an enriching and effective learning experience. In addition, the virtual modality will provide participants with the flexibility to access the content at any time and from anywhere. You will only need one device with Internet connection.

This Postgraduate Certificate takes place over 6 weeks and it consists of 1 module:

Module 1

Control, Operations and Finance



Where, When and How is it Taught?

TECH offers the possibility of developing this Postgraduate Certificate in Control, Finance and Operation in Pharma Biotech 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. Means of Payment in Token Trading

1.1. Cost Management

- 1.1.1. Production Cost Controls
- 1.1.2. Optimizing Production Costs
- 1.1.3. Marketing
- 1.1.4. Distribution

1.2. Profitability Analysis by Product

- 1.2.1. Quantitative Analysis
- 1.2.2. Qualitative Analysis
- 1.2.3. Profitability Assessment
- 1.2.4. Conclusions

1.3. Supply Chain Management

- 1.3.1. Supply Chain Assessment
- 1.3.2. Control of the Supply Chain
- 1.3.3. Production
- 1.3.4. Logistics

1.4. Inventory Management

- 1.4.1. Inventory Control
- 1.4.2. Inventory Optimization
- 1.4.3. Inventory Analysis
- 1.4.4. Conclusions

1.5. Quality Control

- 1.5.1. Quality Systems
- 1.5.2. Security/Safety
- 1.5.3. Efficacy
- 1.5.4. Efficiency

1.6. Risk Management.

- 1.6.1. Identification
- 1.6.2. Risk Assessment
- 1.6.3. Risk Management
- 1.6.4. Operational and Regulatory Issues Associated with The Pharmaceutical and Biotechnology Industry

1.7. Investment Analysis

- 1.7.1. Financial Viability Assessment
- 1.7.2. Investment Project Strategy
- 1.7.3. New Product Development
- 1.7.4. Expansion into New Markets

1.8. Control of Research and Development Expenses

- 1.8.1. Expense Tracking
- 1.8.2. Expense Control
- 1.8.3. Expense Analysis
- 1.8.4. Conclusions

1.9. Intellectual Property Management

- 1.9.1. Market Trends Assessment
- 1.9.2. The Competition
- 1.9.3. Product Demand
- 1.9.4. Pricing Strategies

1.10. Project Management

- 1.10.1. Education
- 1.10.2. Monitoring
- 1.10.3. Strategic Project Control
- 1.10.4. Operational Project Control



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 teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



Study Material

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

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

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



Interactive Summaries

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

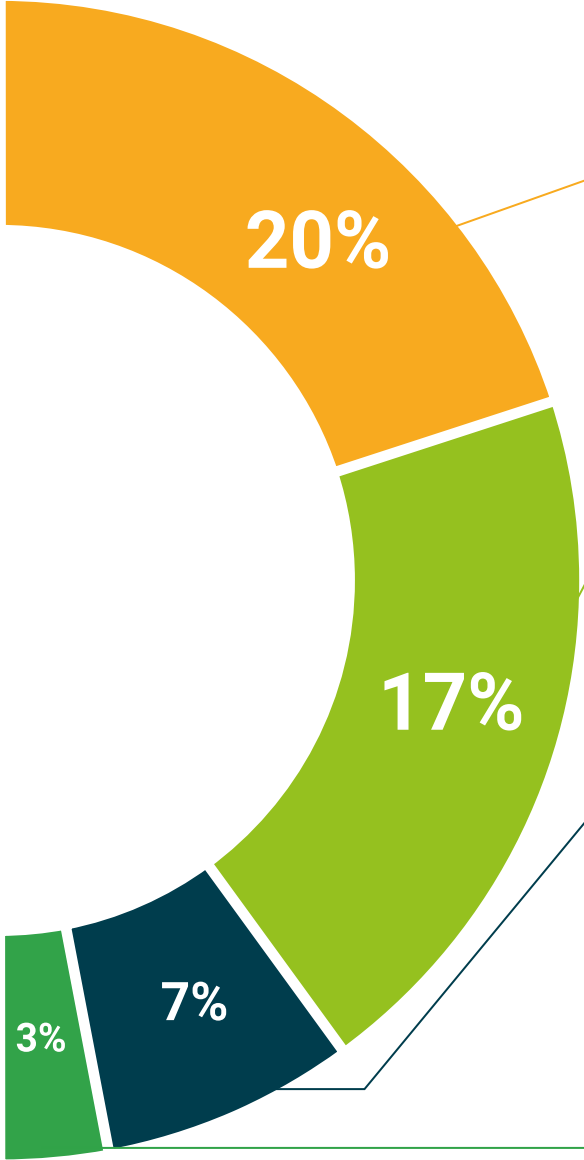
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





Case Studies

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



Testing & Retesting

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



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.
Learning from an expert strengthens knowledge and memory, and generates confidence for future difficult decisions.



Quick Action Guides

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



07

Our Students' Profiles

The Postgraduate Certificate is aimed at Graduates, Postgraduate Certificates and University Graduates who have previously completed any of the following programs in the fields of Business, Economics, Medicine, Pharmaceuticals, Biology, Chemistry.

This program uses a multidisciplinary approach as the students have a diverse set of academic profiles and represent multiple nationalities.

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





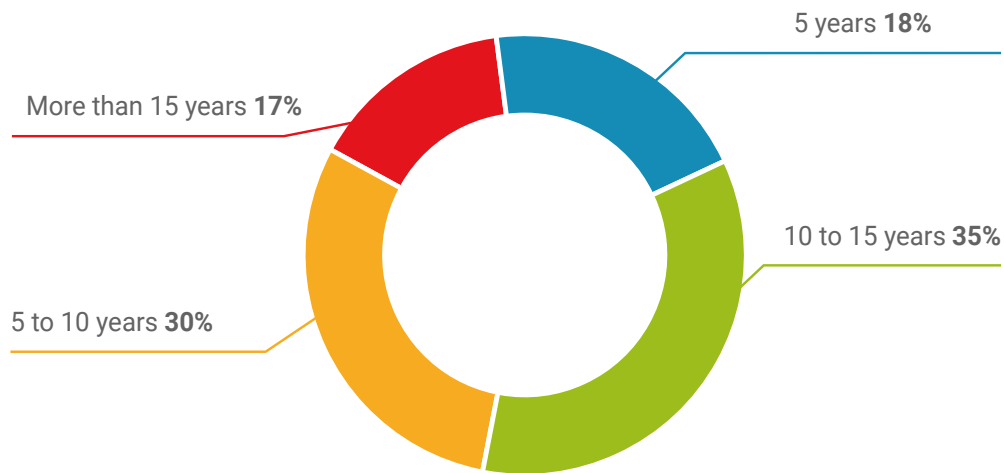
“

You will discover the quality, safety, efficacy and efficiency systems to guarantee products of excellence in the pharmaceutical industry”

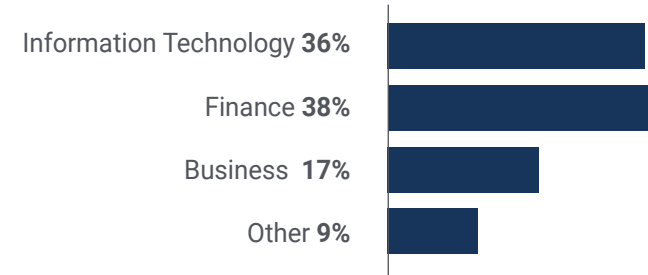
Average Age

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

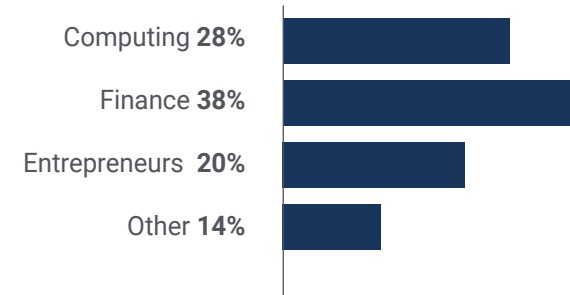
Years of Experience



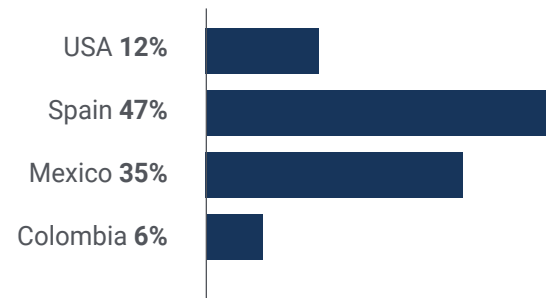
Training



Academic Profile



Geographical Distribution



Pablo Alonso

Environmental Health Manager

The educational program was rigorous and challenging, but it was also rewarding. I learned to think critically, solve complex problems and work as part of a team. Today, as a university graduate, I feel prepared to face the challenges of the working world"

08

Course Management

This program stands out for having a distinguished faculty that will teach classes from an innovative educational perspective. This will ensure that students acquire knowledge from recognized experts who have extensive backgrounds in the fields of Pharmaceutical Industry, Medicine and Business. In this way, participants will obtain a program of excellence that will serve as an incentive to stand out and make rapid progress in their professional careers.



“

You will have the most prestigious teacher and the most complete syllabus in the market that will make you an expert in assessment and control of the supply chain, from production to logistics”

Management



Mr. Cardenal Otero, César

- ♦ Pharmabiomedical Executive at Amgen
- ♦ Author of the book " Personal Brand Communication through Social Networks by Professionals in the Health Sector"
- ♦ Degree in Marketing from *Prifysgol Cymru University* in Wales.
- ♦ Distinguished grade in the Inspiring Leadership through Emotional Intelligence course at Case Western Reserve University.
- ♦ Postgraduate Degree in Management and Health of the Pharmaceutical Industry of the European University
- ♦ Master's Degree in SME Administration from the Polytechnic School of Management
- ♦ Specialization in Social Media Marketing from Northwestern University
- ♦ Postgraduate Diploma in International Trade and Transport, University of Cantabria, Spain
- ♦ Postgraduate Certificate in Business Administration from the University of Cantabria



08

Impact on Your Career

Upon graduating from this Postgraduate Certificate, the professionals will notice a significant change in their professional careers. By acquiring specific knowledge and skills in key areas such as management and finance, the professional will be better prepared to face business challenges and take advantage of job opportunities in the pharmaceutical and biotechnology industry.



“

In just 6 weeks you will be able to assess financial viability and develop investment strategies for new products and markets”

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

TECH's Postgraduate Certificate in Control, Finance and Operation in Pharma Biotech is an intensive program that prepares you to face challenges and business decisions in the field of Management in the Metaverse. 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.

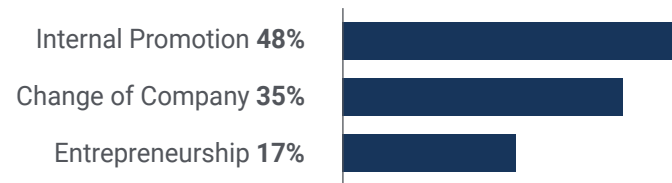
You will learn the latest market trends, competition and pricing strategies to protect and maximize the value of intellectual property.

You will track, control and analyze research and development expenses within your company.

When the change occurs



Type of change



Salary increase

The completion of this program represents a salary increase of more than **27.19%** for our students.



09

Benefits for Your Company

Graduates of this program will be able to provide numerous benefits to companies in the pharmaceutical and biotechnology sectors. By having a professional with expertise in control, finance and operations, the company will experience significant improvements in several key aspects of its operation. With this in mind, the company will have efficient financial management, strategic decision making and supply chain optimization. All this in order to lead it to assured success in the industry.





“

*You will master the planning,
monitoring and control of strategic and
operational projects within the industry”*

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

01

Intellectual Capital and Talent Growth

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 manager can work on a current project or develop new projects in the field of R&D or Business Development within their company.

06

Increased competitiveness

This Postgraduate Certificate will equip your professionals with the skills to take on new challenges and therefore drive the organization forward.

10 Certificate

The Postgraduate Certificate in Control, Finance and Operation in Pharma Biotech 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 Control, Finance and Operation in Pharma Biotech** 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.

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Modality: **online**

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Accreditation: **6 ECTS**





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Postgraduate Certificate

Control, Finance and Operation in Pharma Biotech