



## Financial Management of Pharmaceutical Marketing

» Modality: online

» Duration: 6 months

» Certificate: TECH Technological University

» Dedication: 16h/week

» Schedule: at your own pace

» Exams: online

» Target Group: University Graduates, Postgraduate Certificates and Bachelor's Degree Holders who have previously completed any of the qualifications in the fields of Engineering, Computer in the field of Engineering, Computer Economy, Marketing and Pharmacist Administration

Website: www.techtitute.com/us/school-of-business/postgraduate-diploma/postgraduate-diploma-financial-management-pharmaceutical-marketing

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# 01 **Welcome**

Maximizing economic results is one of the main premises within the Pharmaceutical Industry. This goal is, in turn, applicable to the Marketing actions carried out by these companies. And it is in this environment, where the professional must master cost control, ROI measurement and evaluation of the profitability of sales and promotion strategies to be implemented. Therefore, to facilitate this work, TECH has created this specialization that leads the graduate to increase their skills and abilities for the analysis and execution of financial management oriented to Pharmaceutical Marketing. All this, in addition, with a 100% online methodology, flexible, which enables self-management of study time.









### tech 08 | Why Study at TECH?

### 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

+200

executives prepared each year

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.



### Why Study at TECH? | 09 tech

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.

TECH offers students the best online learning methodology. The university combines the Relearning method (postgraduate

the Case Study. Tradition and vanguard in a difficult balance,

learning methodology with the best international valuation) with

and in the context of the most demanding educational itinerary.



### 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.



### **Economy of Scale**

**Academic Excellence** 

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.



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







### tech 12 | Why Our Program?

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



### 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.



## 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.



### 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.



### 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.



### 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.



### 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.



### 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.



### 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.





### tech 16 | Objectives

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

This **Postgraduate Diploma in Financial Management of Pharmaceutical Marketing** prepare the student to:



Acquire specialized knowledge in the Pharmaceutical Industry



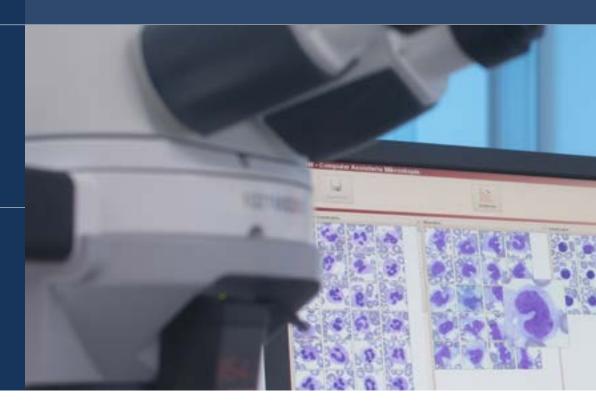
Understand the structure and operation of the pharmaceutical industry



Deepen your knowledge of the Pharmaceutical Industry



Delve into the latest developments in the Pharmaceutical Industry

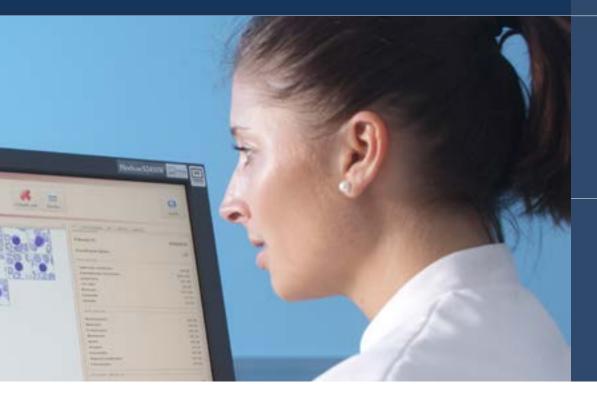




Understand the competitive environment of the Pharmaceutical Industry



Understand market research concepts and methodologies





Use market research technologies and tools



Develop sales skills specific to the Pharmaceutical Industry



Understand the sales cycle in the Pharmaceutical Industry



Analyze customer behavior and market needs



Develop leadership skills





**12** 

Understand the specifics of management in the Pharmaceutical industry

13

Apply project management techniques



Understand the principles and fundamentals of marketing in the pharmaceutical industry





### tech 22 | Structure and Content

### **Syllabus**

This qualification provides excellent content focused on relevant elements linked to financial management in the field of Pharmaceutical Marketing. In this sense, the professional will delve into the pharmaceutical industry, finance, as well as leadership and team management in this industry.

In this way, they will delve into everything related to pharmaceutical laboratories, the viability of new products, financial analysis to evaluate the return on investment (ROI) of marketing initiatives, which helps to make informed decisions about the effectiveness and profitability of the strategies used.

In order to obtain this learning in a much more effective way, TECH uses the *Relearning* method, based on the continuous reiteration of concepts throughout the academic itinerary. In this way, students learn easily and efficiently, without investing long hours of study and memorization.

In addition to this, the methodology is 100% online, without classes with pre-established schedules, which gives the student total autonomy to access the syllabus and reconcile their daily commitments with a university education that is at the academic forefront.

This Postgraduate Diploma takes place over 6 months and is divided into 3 modules:

Module 1	Structure of the Pharmacist Industry
Module 2	Finance for the Marketing Department
Module 3	Leadership and team management in the Pharmaceutical Industry



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

TECH offers the possibility of developing this Postgraduate Diploma in Financial Management of Pharmaceutical Marketing completely online. Throughout the 6 months of the educational program, you will be able to access all the contents of this program at any time, allowing you to self-manage your study time.

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

### tech 24 | Structure and Content

Module 1. Structure of the Pharmacist Industry							
1.1. Pharmacological devel	opment 1.2. Pharmaceutical la	aboratory 1.3. R8	&D&I: 1.4.	Patents			
<ul><li>1.1.1. Drug discovery</li><li>1.1.2. Pharmacokinetics</li><li>1.1.3. Pharmacodynamics</li><li>1.1.4. Pre-clinical trials</li></ul>	1.2.1. Good Laboratory Pract 1.2.2. Laboratory equipment 1.2.3. Laboratory instrument 1.2.4. Microbiological Analys	1.3.2. Valuation 1.3.3. Ra	alidation techniques 1.4.2. ational design 1.4.3.	Intellectual Property Fundamentals Patent application procedure Patentability analysis Protection strategies			
<ul><li>1.5. Generics</li><li>1.5.1. Therapeutic equivalence</li><li>1.5.2. Bioequivalence</li><li>1.5.3. Development Process</li><li>1.5.4. Manufacture Process</li></ul>	1.6. Stock managemen 1.6.1. Stock Control 1.6.2. Inventory Managemen 1.6.3. Demand forecasting m 1.6.4. Stock management so	1.7.1. Vol at 1.7.2. Cas nethods 1.7.3. Loy	olume discounts ash discounts oyalty discounts ofitability analysis on discounts 1.8.2. 1.8.3.	Pharmaceutical industry value chain Risk Management Information technology Sustainability Social Responsibility			
<ul><li>1.9. Strategic Partnerships</li><li>1.9.1. Collaborations</li><li>1.9.2. License agreements</li><li>1.9.3. Joint Ventures</li><li>1.9.4. Negotiation of strategic alliar</li></ul>	1.10. Regulatory agenci 1.10.1. Post-marketing surveil 1.10.2. Regulatory audits 1.10.3. Regulatory harmonizat ces 1.10.4. Mutual recognition of r	tion					

### Structure and Content | 25 tech

Mod	Module 2. Finance for the Marketing Department							
		2.2. Cost and Benefit Analysis 2.2.1. ACE 2.2.2. ACU 2.2.3. ACB 2.2.4. ACM	<ul><li>2.3. Performance measurement</li><li>2.3.1. Market Share</li><li>2.3.2. Return Investment</li><li>2.3.3. Research and development</li><li>2.3.4. Operational efficiency</li></ul>	<ul><li>2.4. Financial Planning</li><li>2.4.1. Budget</li><li>2.4.2. Inventory Management</li><li>2.4.3. Risk Management</li><li>2.4.4. Capitalization</li></ul>				
2.5.2. 2.5.3.	Financial Risk Management Product diversification Supply Chain Management Financial risk hedging Conclusions	<ul><li>2.6. Profitability</li><li>2.6.1. Production efficiency</li><li>2.6.2. Marketing Strategies</li><li>2.6.3. Geographic expansion</li><li>2.6.4. Conclusions</li></ul>	<ul><li>2.7. Future investments</li><li>2.7.1. Risk Analysis</li><li>2.7.2. Market opportunity</li><li>2.7.3. Choice of the moment</li><li>2.7.4. Conclusions</li></ul>	<ul> <li>2.8.1. Equity capital</li> <li>2.8.2. Debt financing</li> <li>2.8.3. Venture capital</li> <li>2.8.4. Subsidies</li> </ul>				
2.9.2. 2.9.3.		2.10. Viability of new products 2.10.1. Efficiency and safety 2.10.2. Demand 2.10.3. Offer 2.10.4. Intellectual Property						

### tech 26 | Structure and Content

3.9.4. Marketing channel selection

#### Module 3. Leadership and team management in the Pharmaceutical Industry 3.1. Leadership in the Pharmaceutical 3.3. Team development and 3.2. Talent Management 3.4. Internal communication strategies Industry training 3.4.1. Development of an open communication Recruitment strategies Profile development 3.1.1. Leadership trends and challenges 3.3.1. GMP Good Manufacturing Practices 3.4.2. Communication of objectives and 3.2.3. Succession planning 3.3.2. Technical skills development 3.1.2. Transformational Leadership 3.2.4. Talent Retention strategies 3.1.3. Leadership in Risk Management 3.3.3. Safety training 3.4.3. Communication of organizational changes 3.1.4. Leadership in Continuous Improvement 3.3.4. R&D development 3.4.4. Communication of policies and procedures 3.5. Performance Management Change Management **Quality Management** 3.8. Management of the marketing Budaet 3.5.1. Establishment of clear goals and objectives Diagnosis of the need for change Definition of quality standards 3.5.2. Definition of Performance Indicators 3.6.2. Effective communication of change 3.7.2. Implement of quality management system 3.8.1. Strategic Marketing Planning 3.5.3. Continuous Feedback 3.6.3. Creating a sense of urgency 3.7.3. Quality Control in Production 3.8.2. Establishment of the total marketing budget 3.6.4. Identification of change leaders 3.5.4. Performance Evaluation 3.7.4. Supplier Management 3.8.3. Budget distribution by marketing channels 3.8.4. Investment Return Analysis (ROI) 3.9. Planning and execution of 3.10. Market news update marketing campaigns 3.10.1. Market trend analysis 3.10.2. Competitor monitoring 3.9.1. Market and target audience analysis 3.10.3. Follow-up on new developments in the sector 3.9.2. Establishment of campaign objectives 3.10.4. Participation in events and conferences 3.9.3. Marketing strategy development





Upgrade at your own pace of study with TECH's innovative teaching methodology and gain full control of your learning process"



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.



### tech 30 | Methodology

## 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.





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.

### tech 32 | Methodology

### 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.

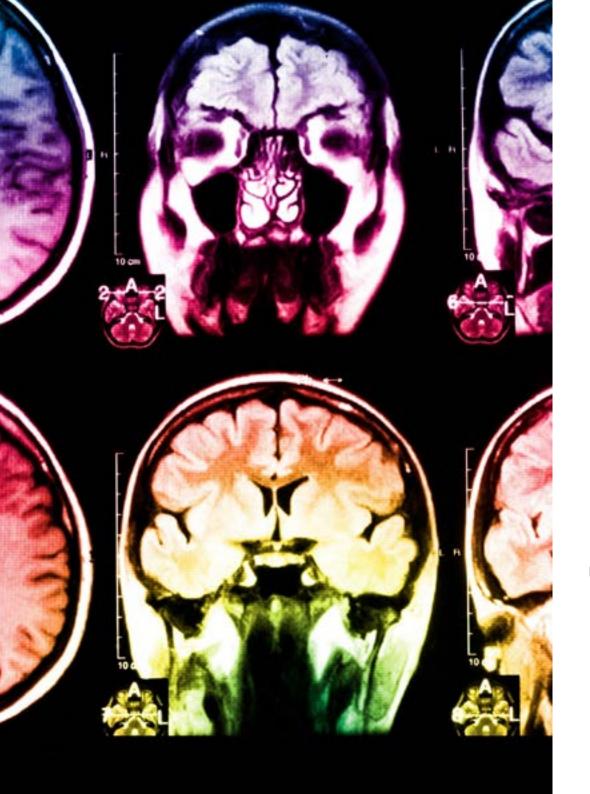
We enhance the Case Study with the best 100% online teaching method: Relearning.

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.





### Methodology | 33 tech

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.



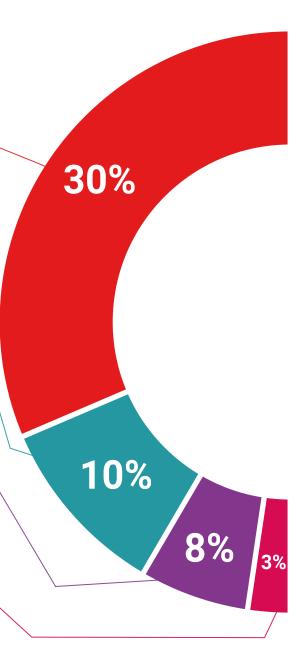
### **Management Skills Exercises**

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.





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.

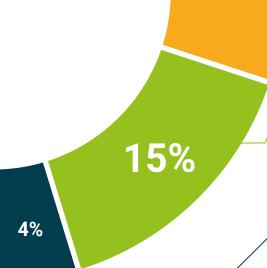


This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".

#### **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.



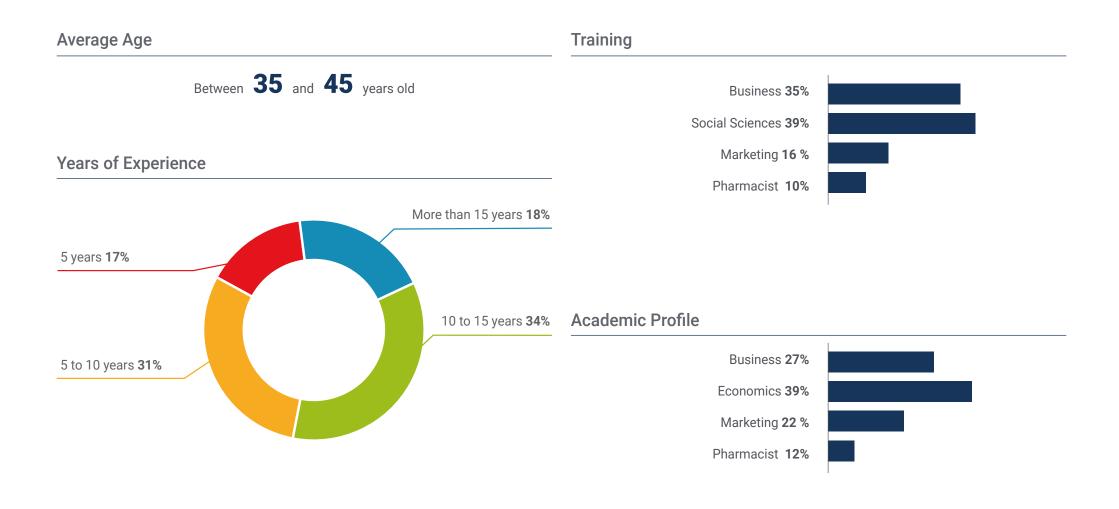


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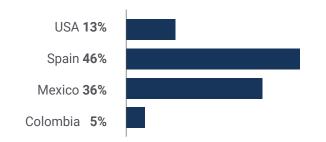




## tech 38 | Our Students' Profiles



#### **Geographical Distribution**





# **Mario Castro**

#### Brand positioning specialist

"Undoubtedly, completing this Postgraduate Diploma has been an important stimulus for my professional career. I am qualified to take on financial positions in the field of Pharmaceutical Marketing and therefore contribute in a relevant way to the growth and success of the companies in the industry"





#### Management



#### D. Calderón, Carlos

- Marketing and Advertising Consultant at Experiencia MKT
- Director of Marketing and Advertising at Marco Aldany
- CEO and creative director at C&C Advertising
- Director of Marketing and Advertising at Elsevier
- Creative Director at CPM Advertising and Marketing Consultants
- Advertising Technician by the CEV of Madrid



#### D. Expósito Esteban, Alejandro

- Director Digital de Innovation and Business Operation en Merck Group
- Digital and New Technologies Director at McDonals Spain
- Director of Alliances and Channels at *Microma The Service Group*
- Director of After Sales Services at Pc City Spain S.A.U.

#### **Professors**

#### D. García-Valdecasas Rodríguez de Rivera, Jesús

- Technical Pharmaceutical Director Arkopharma in Laboratories
- Technician Responsible for the Biocides and Cosmetics Area at Laboratorios Bohm
- Quality and Records Coordinator at Bohm Laboratories
- Director quality, developing and Regulatory Matters at Industrias Farmacéuticas Puerto Galiano S.A.
- Responsible for Records/Technical Services at Arafarma Group S.A.
- Degree in Pharmacy from the University of Alcalá
- Professional Master's Degree in Pharmaceutical and Parapharmaceutical Industry from the Center for Higher Studies in the Pharmaceutical Industry (CESIF).

#### Mr. González Suárez, Hugo

- Digital & Product Marketing Manager en Laboratorios ERN S.A.
- Product Marketing and Project Manager at Amgen
- Bachelor's degree in Biochemistry and Pharmacology from Cambridge International University.
- PROFESSIONAL MASTER'S DEGREE in Marketing of the Center for Higher Studies in the Pharmaceutical Industry (CESIF)
- PROFESSIONAL MASTER'S DEGREE in Business Administration from ESNECA Business School

#### D. Puerto Peña, Gustavo

- CEO at Industrias Farmacéuticas Puerto Galiano S.A.
- Director Commercial and Administration. at Industrias Farmacéuticas Puerto Galiano S.A.
- Director of Marketing at Industrias Farmacéuticas Puerto Galiano S.A.
- Independent Board Members Program by ICADE Business School
- Degree in Business Administration from Universidad Complutense de Madrid.
- Member of: ANEFP, Farmaindustry, ADEFAM





Get that desired promotion within the Pharmaceutical Marketing department with this program.

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

The Postgraduate Diploma in Financial Management of Pharmaceutical Industry from TECH is an intensive program that prepares you to face challenges and business decisions in the field of business and pharmaceuticals. 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.

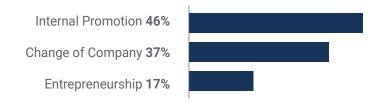
Successfully directs, manages and supervises any promotional project for pharmaceutical products.

#### When the change occurs

During the program 64%

After 2 years 24%

#### Type of change



### Salary increase

This program represents a salary increase of more than 27.19% for our students

\$ 57,000

A salary increase of

27.19%

\$ 72,500





# tech 50 | Benefits for Your Company

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



#### 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.



# 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.



#### **Building agents of change**

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



#### Increased international expansion possibilities

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





## **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.



#### Increased competitiveness

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







## tech 54 | Certificate

This **Postgraduate Diploma in Financial Management of Pharmaceutical Marketing** contains the most complete and up-to-date program.

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

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

Title: Postgraduate Diploma in Financial Management of Pharmaceutical Marketing Official N° of Hours: **450 h**.



<sup>\*</sup>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.



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» Certificate: TECH Technological University

» Dedication: 16h/week

» Schedule: at your own pace

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