



Executive Master's Degree MBA in Pharma Biotech Management

» Modality: online

» Duration: 12 months

» Certificate: TECH Technological University

» 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, Pharmaceutics, Biology, Chemistry

 $We b site: {\color{blue}www.techtitute.com/us/school-of-business/executive-master-degree/master-mba-pharma-biotech-management}$

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01 **Welcome**

Business Management involves facing unique challenges due to the regulated and competitive nature of the pharmaceutical and biotechnology industry. The continuous evolution of scientific knowledge, technological advances and changing regulations have created the need for specialized and up-to-date education for key players in this sector. Therefore, managers must have scientific and technical knowledge as well as an understanding of the commercial and financial aspects of the company. To meet this demand, TECH has developed a program that will enable students to become experts in the field of business management. This program is presented in a 100% online format, which will provide flexibility to access the content at any time and place, with no time restrictions.









tech 008 | 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.



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 the academic setting"

Why Study at TECH? | 009 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.



Academic Excellence

TECH offers students the best online learning methodology. The university combines the *Relearning* methodology (the most internationally recognized postgraduate learning methodology) with Harvard Business School case studies. A complex balance of traditional and state-of-the-art methods, within the most demanding academic framework.



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.





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

The Executive Master's Degree in MBA in Pharma Biotech Management will enable students to:



Acquire knowledge about the history of strategic Management



Optimize working capital management



Categorize the different definitions over time





Assess financial efficiency



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



Assess unmet patient needs and chronicity management



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



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



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



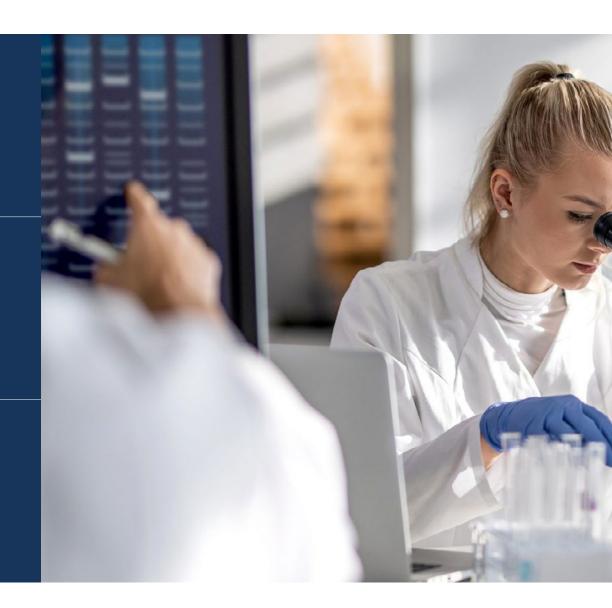
Know the capabilities and ethics of the Coach



Understand the essence of coaching and its focus on learning



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







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



Achieve an effective tool to achieve results



Define unique and differentiated value propositions









Understand the importance of Business Ethics



Ensure regulatory compliance



Assess environmental sustainability in the business context



Optimize the supply chain





Assess aspects of the code of ethics, such as the doctorpatient relationship, quality of medical care, professional secrecy, scientific objection, relations between doctors and medical advertising



Analyze the interaction of Market Access professionals with other departments in the pharmaceutical industry





Review the latest trends in drug assessment (Multicriteria Analysis) and drug purchasing



Delve into the economic analysis of a drug, differentiating between partial and complete economic assessments

tech 24 | Skills



Understand the phases of the plan of action: accompanying, follow-up and commitment



Develop individual action plans with team members



Understand the importance of personal and professional development of team members, and its impact on the overall success of the project







Apply the knowledge acquired to work towards the achievement of a common objective through the development of a specific project

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Define strategies for revising the plan



Establish objective indicators for the achievement of the plan





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Syllabus

One of the main novelties of this master's degree is its exploration of emerging topics of great relevance, such as personalized medicine, gene therapy and the application of artificial intelligence in pharmaceutical research. This comprehensive and up-to-date approach will ensure that students are prepared to meet the challenges and take advantage of the opportunities in this constantly evolving field.

Over the course of 12 months, this program creates a unique and effective teaching experience that lays the foundation for a promising and successful future in Pharma Biotech Management. In this way, topics such as the history, levels and definitions of strategic management, as well as the fundamentals and applications of marketing in this sector will be addressed. In addition, the main areas of focus in financial and operational control in the pharmaceutical and biotechnology industry will be explored.

Furthermore, it will focus on patient-centered medicine and detail the steps that must be followed to achieve successful access to a new drug. In turn, it will address the role of physicians in the pharmaceutical industry, highlighting their informative work on advances in treatments and the need for scientific and communication skills.

With this in mind, TECH has developed this program in a 100% online format, which will have a large library of multimedia resources such as interactive summaries and specialized readings. Additionally, it gives total freedom to access from any device with Internet connection. A syllabus that will be tailored to professional goals and will propel the student to excellence in the pharmaceutical and biotechnology field. The program will offer innovative content based on the latest trends, and added to the Relearning method, which will allow the professional to understand complex concepts in less time and more efficiently.

This Executive Master's Degree takes place over 12 months and is divided into 10 modules:

Module 1	Strategic Management in the Pharmaceutical and Biotechnology Industry
Module 2	Marketing in Pharma Biotech
Module 3	Control, Operations and Finance
Module 4	Digital Health Management: Technological Innovation in the Health Sector
Module 5	Market access (1) Organization and Processes
Module 6	Market access (2) Tools and Strategy
Module 7	Integral Coaching in Pharma Biotech
Module 8	The Medical Department
Module 9	Team Leadership in Pharma
Module 10	The Business Plan in the Territory



Where, When and How is it Taught?

TECH offers the possibility of developing this Executive Master's Degree in MBA in Pharma Biotech Management completely online. Throughout the 12 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.

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1.1. Market Entry Strategies 1.2. Strategic Management 1.3. Value Creation in the Company 1.4. The Environment of the	Α
1.1.1. Market Research 1.1.2. Strategic Partners 1.2.1. Strategic Management Levels 1.1.3. Most Used Strategies 1.2.1. Innovation 1.2.2. Innovation 1.2.3. Portfolio 1.2.4. Acquisition 1.2.4. Acquisition 1.2.5. Variety of Management Levels 1.3.5. Performance in the Company 1.3.6. Performance in the Company 1.3.7. Sector Examples 1.3.8. Sector Examples 1.3.9. Portlejion 1.3.1. Of Types of Value Generation in the Company 1.3.1. VuCA Environment 1.3.1. Onclusions 1.3.2. Performance in the Company 1.3.3. Sector Examples 1.3.4. Conclusions 1.4.3. Porter's 5 Forces Analysis 1.4.4. DAFO Analysis	
1.5.Internal Analysis1.6.Strategic Business Unit Strategies1.7.Corporate Strategy1.8.Internationalization Strategy and Diversification1.5.1.Value Chain Analysis1.6.1.The Strategic Business Unitand Diversification1.8.1.International Strategy of a One of the Economic Strategy1.5.2.Resources and Competencies Analysis1.6.2.The Competitive Advantage1.7.1.Corporate Strategy1.8.2.The Globalization of the Economic Strategy1.5.4.VRIO Analysis1.6.3.Types of Strategies According to their Competitive Advantage1.7.2.Business Portfolio Strategy1.8.3.Internationalization Benefits1.5.4.Conclusions1.7.4.Most Used Strategies	Company
1.9. Strategic Alliances, Takeovers and 1.10. Ethics and Corporate Social Mergers Responsibility	
 1.9.1. External Growth Strategy vs. Internal Growth 1.9.2. Pharmaceutical Industry Alliances 1.9.3. Sector Mergers 1.0.1. Business Ethics 1.10.2. Environmental Sustainability 1.10.3. Social Responsibility 1.10.4. Sustainable Ecology 	

Mod	ule 2. Marketing in Pharma Biotech						
2.1. 2.2.1. 2.2.2. 2.2.3. 2.2.4. 2.2.5. 2.2.6.	Environment Programmed Advertising	2.2.1. 2.2.2. 2.2.3. 2.2.4.	Segmentation,Positioning and Targeting Segmentation The Positioning Map Targeting Conclusions	2.3. 2.3.1. 2.3.2. 2.3.3. 2.3.4.	Management The Marketing System Obtaining Information Research Process Conclusions		and Neuromarketing Branding
	Digital Marketing Plan Integrating Digital Marketing into the Global Marketing Strategy Community Manager Digital Marketing Plan Target Audience	2.6. 2.6.1. 2.6.2. 2.6.3. 2.6.4.	E-Commerce The Conversion Cycle E-Commerce Promotion Metrics e-Commerce Platforms	2.7.3.	Digital Strategies Social Media Communication Strategies Content Co-Creation Content Marketing and Influencers Digital Marketing to Support Leadership of The Therapeutic Area Patients' Association	2.8. 2.8.1. 2.8.2. 2.8.3. 2.8.4.	Digital Program Design Definition of Objectives Brand Strategy Support Programs: disease Awareness, Switching and Engagement Digital Marketing and The Sales Network Target
2.9.3.	Pharmaceutical Industry Artificial Intelligence Tools as Diagnostic Support	2.10.1 2.10.2 2.10.3	Other Technology Electronic Records and Data Collection of Information Web 3 and New Trends in The Token Economy Impact on Pharmaceutical Industry Virtual, Augmented and Mixed Reality Metaverse				

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Mod	lule 3. Control, Operations and Finance						
3.1. 3.1.1. 3.1.2. 3.1.3. 3.1.4.	Optimizing Production Costs Marketing	3.2.1. 3.2.2. 3.2.3. 3.2.4.	Qualitative Analysis Profitability Assessment	3.3.2. 3.3.3.		3.4.2. 3.4.3.	Inventory Management Inventory Control Inventory Optimization Inventory Analysis Conclusions
3.5.3.	Security/Safety	3.6. 3.6.1. 3.6.2. 3.6.3. 3.6.4.	Risk Management Identification Risk Assessment Risk Management Operational and Regulatory Issues Associated with The Pharmaceutical and Biotechnology Industry		Investment Analysis Financial Viability Assessment Investment Project Strategy New Product Development Expansion into New Markets	3.8.2. 3.8.3.	Control of Research and Development Expenses Expense Tracking Expense Control Expense Analysis Conclusions
3.9. 3.9.1. 3.9.2. 3.9.3.	The Competition	3.10.1 3.10.2 3.10.3	Project Management Education Monitoring Strategic Project Control Operational Project Control				

4.1. 4.1.1.	Hospital Information Systems	4.2. 4.2.1.	Telemedicine and Digital Health Remote Medical Consultations	4.3.	Big Data and Data Analysis in Healthcare	4.4.	Artificial Intelligence and Machine Learning in Healthcare
4.1.2. 4.1.3. 4.1.4.	Hospital Information Systems Management Electronic Medical Records Information Systems Interoperability	4.2.2. 4.2.3. 4.2.4.	Telemonitoring Platforms Patient Follow-Up	4.3.2. 4.3.3.	Management and Analysis of Large Volumes of Healthcare Data Use of Predictive Analytics for Decision Making Privacy Health Data Security	4.4.1. 4.4.2. 4.4.3. 4.4.4.	Artificial Intelligence Applications in Medical Diagnostics Machine Learning Algorithms for Pattern Detection Chatbots
4.5.2. 4.5.3.	Internet of Things (IoT) in Healthcare Connected Medical Devices and Remote Monitoring Intelligent Hospital Infrastructures IoT Applications in Inventory Management Supplies	4.6. 4.6.1. 4.6.2. 4.6.3. 4.6.4.	Cybersecurity in Healthcare Health Data Protection and Regulatory Compliance Prevention of Cyber Attacks Ransomware Security Audits and Incident Management	4.7.1. 4.7.2. 4.7.3.	Virtual Reality (RV) and Augmented Reality(AR) in Medicine Medical Training Using VR Simulators AR Applications in Assisted Surgery Surgical Guides VR Therapy and Rehabilitation	4.8. 4.8.1. 4.8.2. 4.8.3. 4.8.4.	Laboratories
4.9.2.	Medical Image Analysis Medical Image Processing and Computational Analysis Computer-Aided Image Diagnosis Real-Time Medical Imaging 3D	4.10.1 4.10.2 4.10.3	Blockchain in Healthcare Security and Traceability of Health Data with Blockchain Exchange of Medical Information between Institutions Management of Informed Consents Privacy				

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Module 5. Market access (1) Organization and Processes

5.1. Market Access in the Pharmaceutical Industry

- 5.1.1. What Do We Mean by Market Access?
- 5.1.2. Why Is a Market Access Department Necessary?
- 5.1.3. Market Access Department Functions
- 5.1.4. Conclusions

5.2. Authorization and Registration of New Medicines

- 5.2.1. Health Authorities
- 5.2.2. European Medicines Agency (EMA)
- 5.2.3. New Drug Marketing Authorization Process: Centralized, Decentralized and Mutual Recognition Processes

5.3. New Drug Assessment at the National Level

- 5.3.1. Health Technology Assessment Agencies
- 5.3.2. Relations
- 5.3.3. Europe
- 5.3.4. Therapeutic Positioning Reports (TPR)
- 5.3.5. Decision Makers and Influencers

5.4. Other New Drug Assessments

- 5.4.1. GENESIS Group Assessments
- 5.4.2. Regional Assessments
- 5.4.3. Assessments in Hospital Pharmacies: Pharmacy and Therapeutics Committees
- 5.4.4. Other Assessments

5.5. From Drug Approval to Availability to The Patient

- 5.5.1. New Drug Pricing and Reimbursement Application Process
- 5.5.2. Marketing and Financing Conditions
- 5.5.3. Procedure for Access to Medicines at Hospital Level
- 5.5.4. Procedure for Access to Medication Dispensed in Street Pharmacies
- 5.5.5. Access to Generic and Biosimilar Drugs

5.6. Drug Financing

- 5.6.1. Traditional Versus New Financing Schemes
- 5.6.2. Innovative Agreements
- 5.6.3. Risk-Sharing Agreements (RSAs)
- 5.6.4. Types of ARC
- 5.6.5. Criteria for Selecting The ARC

5.7. Drug Purchasing Process

- 5.7.1. Public Procurement
- 5.7.2. Centralized Purchasing of Medicines and Health Products
- 5.7.3. Framework Agreements
- 5.7.4. Conclusions

5.8. Market Access Department (1) Professional Profiles

- 5.8.1. Evolution of The Market Access
 - Professional Profile
- 5.8.2. Market Access Professional Profiles
- 5.8.3. Market Access Manager
- 5.8.4. Pharmacoeconomics
- 5.8.5. Pricing
- 5.8.6. Key Account Manager

5.9. Market Access Department (2) Interaction with Other Departments of The Pharmaceutical Industry

- 5.9.1. Marketing and Sales
- 5.9.2. Medical Department
- 5.9.3. Institutional Relations
- 5.9.4. Regulatory
- 5.9.5. Communication

Mod	ule 6. Market access (2) Tools and Stra	ategy					
6.1. 6.1.2. 6.1.3. 6.1.4. 6.1.5. 6.1.6.	9	6.2.6.2.1.6.2.2.6.2.3.6.2.4.	Market Access Management of a Drug Regional Access Management Access to The Hospital Drug Market Hospital Pharmacy Management and Strategy Access to the Market for Street Pharmacy Drugs Management and strategy for Primary Care Pharmacists	6.3. 6.3.1. 6.3.2. 6.3.3. 6.3.4.	Clinical Value of a Drug Value Based on Clinical Development Real Life Studies (RWD/RWE) Conclusions	6.4. 6.4.1. 6.4.2. 6.4.3. 6.4.4.	Health-Related Quality of Life (HRQOL) Satisfaction with Treatment
6.5. 6.5.1. 6.5.2. 6.5.3. 6.5.4. 6.5.5.	Partial Economic Assessments Costs and Burden of Disease	6.6. 6.6.1. 6.6.2. 6.6.3. 6.6.4.	Economic Analysis Studies Budget Impact Studies Market Growth Associated Risks Intellectual Property	6.7. 6.7.1. 6.7.2. 6.7.3. 6.7.4. 6.7.5.	Economic Analysis Assessments Complete Economic Assessments Cost-Effectiveness Analysis Cost-Utility Analysis Cost-Benefit Analysis Decision Rules	6.8. 6.8.1. 6.8.2. 6.8.3. 6.8.4.	Drug Value Dossier Value Dossier Contents Clinical Value of The Drug Economic Value of The Drug Demonstrating The Value of The Drug to The Healthcare System Adaptation of The Dossier to Different Autonomous Communities
6.9.1. 6.9.2. 6.9.3. 6.9.4.	Optional Documents	6.10.1 6.10.2 6.10.3	New Trends Value-Based Purchasing Multicriteria Analysis (MCA) Innovative Public Procurement Latest Trends				

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Module 7. Integral Coaching in *Pharma Biotech*7.1. Basics of Coaching7.2.

- in Pharma Biotech
- 7.1.1. Coach's Capabilities and Ethics
- 7.1.2. The Essence of Coaching
- 7.1.3. Learning to Learn
- 7.1.4. Recommended Film: The Pacific Warrior
- 7.2. The Coaching Process Schools and Models
- 7.2.1. North American Coaching Contributions
- 7.2.2. Humanistic-European Coaching Contributions
- 7.2.3. Ontological Coaching Contributions
- 7.2.4. Conclusions

7.3. The Coachee-Client

- 7.3.1. Present Breakdown Objectives
- 7.3.2. How to Know The Situation of Each Person in a Professional Team and in This Way Be Able to Overcome Problems in Order to Achieve The Objectives
- 7.3.3. Know The Current Situation through The Tool "THE WAY OF PROFESSIONAL LIFE"
- 7.3.4. Conclusions

7.4. Ideal Situation

- 7.4.1. Where I Am Going
- 7.4.2. Identify Goal, Vision and Clarification
 Objectives Both as an Individual Professional
 and as a Team Coordinator
- 7.4.3. Grow Model
- 7.4.4. Example: Where You Want to Have Each Member of Your Team through a Mandala

7.5. The Technique Our Mind

- 7.5.1. Mental Models
- 7.5.2. Observe, Distinguish
- 7.5.3. Beliefs, Judgments
- 7.5.4. Facts and Opinions

7.6. The Technique Language

- 7.6.1. Basic Postulates of the Ontology of Language according to Rafael Echevarría
- 7.6.2. Listening, Silence and Speech Competence
- 7.6.3. Recommended Books
- 7.6.4. Rafael Echevarría Language Ontology
- 7.6.5. Leonardo Wolk. The Art of Blowing Embers

7.7. The Technique Emotion

- 7.7.1. Management and Emotional Intelligence
- 7.7.2. Legitimizing Emotion in order to Manage It from the Linquistic Dimensions
- 7.7.3. Emotional
- 7.7.4. Conclusions

7.8. Technique - Corporeality

- 7.8.1. Who Am I from my Body?
- 7.8.2. Posture and Movement
- 7.8.3. Trends that Support or Block Conversations with the Body
- 7.8.4. Conclusions

7.9. Powerful Questions How to Use The Questions to Help Each Member of Your Team Find Their Best Version of Themselves

- 7.9.1. To Determine The Profile of Our Customer and to Design a Plan of Action
- 7.9.2. Coaching Questions to Reconnect You
- 7.9.3. Coaching Questions to Change Perspective
- 7.9.4. Coaching Questions for Awareness

- 7.9.5. Coaching Questions to Create Action
- 7.9.6. Coaching Questions for Goal Setting
- 7.9.7. Coaching Questions for Designing a Plan of Action
- 7.9.8. Coaching Questions for Clients to Find Their Own Solutions

7.10. The Action

- 7.10.1. Action Plan Phases
- 7.10.2. Accompany
- 7.10.3. Monitoring
- 7.10.4. Commitment
- 7.10.5. How to Elaborate a Plan of Action with Each Delegate of Your Team

Module 8. The Medical Department 8.1. The Medical Department 8.2. Monitoring 8.3. Clinical Trial Methodology 8.4. Trial Monitoring: Follow-Up and 8.2.1. Fundamentals of Clinical Development Control 8.1.1. General Structure of The Medical Department Clinical Trial Design 8.2.2. Legislation on Clinical Trials 8.3.2. Stages in the Development of Clinical Trial in Different Companies 8.4.1. Monitoring Visit 8.2.3. Types of Clinical Trials 8.1.2. Objective and Functions of The Department 8.3.3. Clinical Trial Feasibility 8.4.1.1. Pre-Study Visit 8.2.4. Clinical Trial Phases 8.1.3. Roles in The Medical Department 8.3.4. Identification and Selection of Centers 8.4.1.2. Initiation Visit 8.2.4.1. Phase I Clinical Studies 8.1.4. How They Relate to Other Departments: and Researchers 8.4.1.3. Monitoring Visit 8.2.4.2. Phase II Clinical Studies Marketing, Access, Sales, etc 8.3.5. Recruitment Materials and Strategies 8.4.1.4. Closing Visit 8.2.4.3. Phase III Clinical Studies 8.1.5. Career Opportunities in The Medical 8.3.6. Contracts with Research Centers 8.4.2. Remote Monitoring 8.2.4.4. Phase IV Clinical Studies Department 8.3.7. Protocol 8.4.3. Monitoring Visit Reports in The Pharmaceutical Industry 8.3.8. Patient Information Sheet 8.4.4. Data Management Obtaining Results and Informed Consent 8.6. The Medical Affairs Department 8.7.7.1. MSL functions: medical 8.5. Real Clinical Practice Studies 8.7. Roles in The Medical communication and interlocutors **Affairs Department** RWF 8.6.1. What Is The Medical Affairs Department? 8.7.7.2. Implementation of Medical Projects 8.6.1.1. Objective and Functions of The 8.5.1. RWE Studies: Design, Analysis, Minimization 8.7.1. Medical Advisor Role and Territorial Management Department 8.7.2. Medical Advisor Functions of Bias 8.7.7.3. Initiated Studies/Trials and 8.6.1.2. General Structure of The Department 8.5.2. Types of RWE Studies 8.7.3. HCP Participation Tactics Research Collaborations Investigator in Different Companies 8.5.3. Integration in The Medical Plan 8.7.3.1. Advisory Board and 8.7.7.4. Scientific Communication and 8.6.1.3. Interactions Between Medical 8.5.4. Collection and Communication of Results Promotional Programs Collection of Insights Affairs And Other Departments (Clinical 8.5.5. Current Challenges in The Use of 8.7.3.2. Scientific Publications Operations & Commercial Departments) Evidence and Knowledge of RWE 8.7.3.3. Scientific Congress Planning 8.6.1.4. The Relationship of Medical 8.5.6. How RWE Can Support Decision 8.7.4. Development of a Medical Communications Issues in Terms of Product Life Cycle Making throughout The Product Life 8.6.2. Creation of State-of-The-Art Data Cvcle 8.7.5. Medical Product Strategy Design **Generation Programs** 8.5.7. Investigator Initiated Studies/Trials 8.7.6. Management of Medical Projects and Studies 8.6.3. Medical's Co-Leadership Role Based on Real Clinical Practice Data (RWE) and Research Collaborations 8.6.4. Affairs in Multifunctional Pharmaceutical 8 7 7 Medical Science Liaison Role Organizations 8.10. Pharmacovigilance 8.9.4.5. Other Resources: Official 8.8. Compliance In the Medical Affairs 8.9. Medical Information Organizations, Websites, Scientific Societies, Department 8.9.1. Integral Communication Plan 8.10.1. Pharmacovigilance in Clinical Trials Associations, Assessment Agencies, etc 8.10.1.1. Legal Framework and Definitions 8.9.2. Media and Omnichannel Plan 8.8.1. Compliance Concept in The Medical 8.9.3. Integration of The Communication Plan in 8.10.1.2. Adverse Event Management Department Medical Plan 8.10.2. Notification of Adverse Events, Eudravigilance 8.8.1.1. Prescription Drug Promotion 8.9.4. Biomedical Information Resources 8.10.3. Periodic Security Reports 8.8.1.2. Interrelation with Healthcare 8.10.4. Pharmacovigilance in Others Clinical Trials: 8.9.4.1. International Sources: Pubmed, Professionals and Organizations Posauthorization Studies Embase, WOS, etc 8.8.1.3. Interrelation with Patient 8.9.4.2. Sources in Latin America: Indexes Organizations CSIC, Ibecs, LILACS, etc 8.8.2. On Label/Off Label Definition 8.9.4.3. Sources for Locating Clinical 8.8.3. Differences between Commercial Trials: WHO, ClinicalTrials, Cochrane Department and Medical Affairs CENTRAL, etc. 8.8.4. Code of Good Clinical Practice in 8.9.4.4. Sources of Drug Information: Bot Plus Medical Promotion and Information

Web, FDA, etc

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M	lodule 9. Team Leadership in Pharma						
9. 9. 9.	1.1. Leadership1.1. Leadership Introduction1.2. Power and Influence1.3. What Is Leadership?1.4. Conclusions	9.2. 9.2.1. 9.2.2. 9.2.3. 9.2.4.	Leadership Theory Leadership Process Leadership Styles Leadership Models Evolution	9.3. 9.3.1. 9.3.2. 9.3.3. 9.3.4.	Motivation	9.4.1. 9.4.2. 9.4.3.	Group Management Organisation Time Management Planning and Objectives Equipment Assessment
9. 9. 9.	5.1. Goals5.2. Objectives5.3. Time Management5.4. Problem Management	9.6. 9.6.1. 9.6.2. 9.6.3. 9.6.4.	Decision Making Process Team Decision-Making Strategic Decisions Ethical Decisions	9.7. 9.7.1. 9.7.2. 9.7.3. 9.7.4.	Crisis Communication	9.8.2. 9.8.3.	Negotiation and Conflict Management Communication Strategies Skills Conflict Management. Team Negotiation
9. 9. 9.	9.1. Equipment 9.2. Motivation 9.3. Visibility 9.4. Conclusions	9.10.1 9.10.2 9.10.3	Common Objective, Project Development Common Objective, Which Is Multidisciplinary Teams Building Alliances Most Used Strategies				

 10.1.1. What is a Business Plan? 10.1.2. Purpose and Objectives of Business Plans 10.1.3. Why Is It Important to Make a Business Plan? 10.1.4. When Should We Make a Business Plan? 	 10.2. Pharmaceutical Industry Context 10.2.1. Structural Situation of The Pharmaceutical Industry 10.2.2. Key People and Departments in The Development of a Plan of Action: 10.2.3. General Management 10.2.3.1. Sales Management 10.2.3.2. Marketing Department 10.2.3.3. Medical Department 10.2.3.4. Financial Department 10.2.3.5. Regulatory Department 10.2.4. Current Challenges Facing The Pharmaceutical Industry 	 10.3. Stages for Defining a Business Plan 10.3.1. Define Objectives 10.3.2. Product Description: Key Attributes 10.3.3. What Information Do I Need to Make a Plan? 10.3.4. Alignment with Strategy 10.3.5. Define Timings 10.3.6. Define Resources 10.3.7. Establish Results 	 10.4.1. Business Resources to Set Up a Plan 10.4.2. Choice of the Plan According to Our Objective 10.4.3. Marketing Strategy: Alignment 10.4.4. Marketing Resources as Leverage
10.5. Customer Analysis 10.5.1. Customer Relationship Management 10.5.2. Identify Customer Needs 10.5.3. Communication With Client 10.5.4. Conclusions	 10.6. Competitive Analysis 10.6.1. Market Segmentation 10.6.2. Competitive Analysis of Your Product 10.6.3. Commercial Strategies vs. The Competition 10.6.4. Expansion Plans 10.6.5. Defense Plans 	 10.7. Economic Analysis of The Business Plan 10.7.1. Estimation of Costs and Objectives 10.7.2. Investment Sources and Strategies 10.7.3. Financial Risk Analysis 10.7.4. Return on Investment Assessment 	 10.8. Implementation and Follow-Up of the Business Plan 10.8.1. Business Plan Agenda 10.8.2. Process Monitoring and Review Mechanisms According to Evolution 10.8.3. KPI: Objective Performance Indicators 10.8.4. Conclusions
10.9. Final Analysis of The Business Plan 10.9.2. Compliance with Deadlines 10.9.3. Analysis of Results 10.9.4. Budget Analysis	10.10.Pharma Biotech Marketing Plan 10.10.1. Market Analysis 10.10.2. Competition. 10.10.3. Target Audience 10.10.4. Brand Positioning		



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 42 | 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 44 | 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 | 45 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.

tech 46 | Methodology

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.



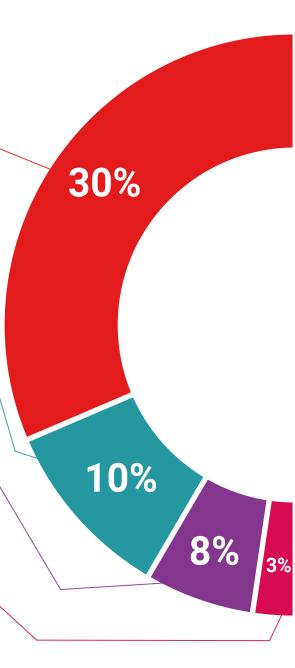
Management Skills Exercises

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.

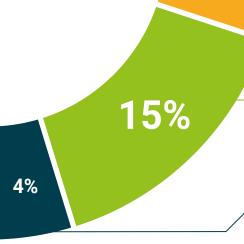


This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".

Testing & Retesting

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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.

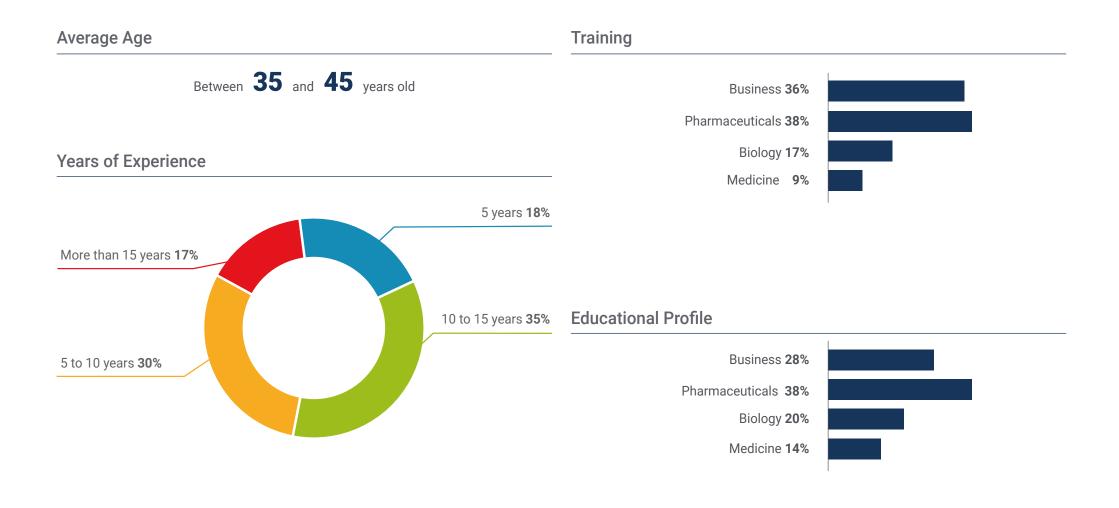


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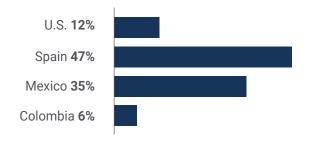




tech 50 | Our Students' Profiles



Geographical Distribution





Luis Fernández

Manager in a Pharmaceutical office

"The program provided me with a unique combination of scientific knowledge, business skills and understanding of the regulatory aspects of the pharmaceutical and biotechnology industry. The professors are recognized experts in their respective fields and their hands-on approach allowed me to apply the concepts learned to real industry situations"





tech 54 | Course Management

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

Professors

Mr. Junco Burgos, Eduardo

- Therapeutic Area Director at AMGEN
- Service Manager for GRUPO CLECE (TALHER)
- Product Specialist in Celgene
- Product Specialist in Amgen
- Key Account Manager in Shionogi
- Agricultural Engineer graduated from the Polytechnic University of Madrid

Ms. Pascual Alfonso, Eva

- Senior Medical Advisor at AMGEN
- Degree in Pharmacy from the Complutense University of Madrid
- Specialization in Methodology and Management of Clinical Trials and Drug Registration by the Spanish Association of Industry Pharmacists (AEFI)
- MBA in Management and Direction of the Pharmaceutical Industry from the University of Alcalá de Henares, Madrid





Mr. Rojas Palacio, Fernando

- Founder and CEO of Navandu Technologies
- Founder of Brigital Health, an international consulting firm
- Expert in Big Data and Social Network Analysis by the MIT
- Senior Business Management Program by Institute of Business and Chicago Booth School of Business
- MSc in Telecommunication Engineering from the Polytechnic University of Madrid
- Professor associated with academic programs in his specialty

Ms. Armesto Alonso, Susana

- Physician in the University Hospital Marqués de Valdecilla
- President of the Astur-Cantabrian-Castellano-Leonese Society of Dermatology
- Co-author of the book Economic Assessment of Hospital Hyperbaric Medicine
- Degree in Medicine and Surgery from the University of Salamanca
- PhD in Dermatology from the University of Oviedo
- Master's Degree in Health Management
- Member of the AEDV Board of Directors

Mr. Cobo Sainz, Manuel

- Key Account Manager at Bayer
- KAM Champions in Bayer
- Degree in Business Administration and Management from Cesine University Center attached to the University of Wales
- ECOI's Coaching Expert Course
- Executive MBA from Cesine
- Master's Degree in Marketing and Sales Management from ESIC

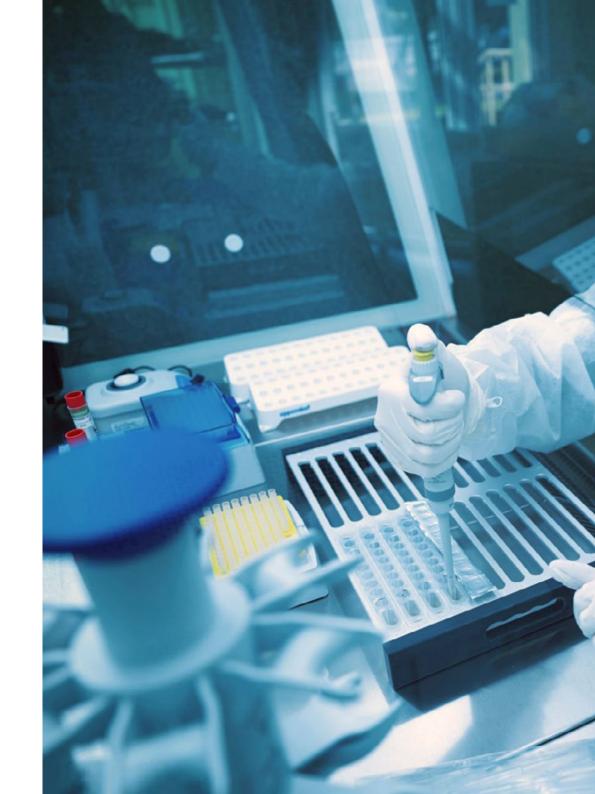
tech 56 | Course Management

Mr. Ribas Guardiá, Xavi

- Product Manager at AMGEN
- Pharma and Biotech Pharmacist
- Product Specialist at Celgene
- Degree in Pharmacy from the University of Barcelona
- Postgraduate Degree in Management and Health of the Pharmaceutical Industry of the European University
- University Course in Administration, Organization and Management of Health Services at the European University

Ms. Restovic, Gabriela

- Assessment of health technology in the public sector for the Innovation Department of the Hospital Clinic of Barcelona
- Associate Director of Market Acess at Novocure
- Economist of the Catholic University of Chile
- Master's Degree in Applied Economics at the Pompeu Fabra University of Barcelona
- Senior Management Program in Healthcare Government Affairs at EADA, Business School of Barcelona
- Adjunct teacher of academic programs in the service of her specialty





Ms. Caloto González, María Teresa

- Market Access Consultant
- Subdirectorate General of Epidemiology of the Ministry of Health
- Doctorate in Biological Sciences from the Complutense University of Madrid
- University Expert in Probability and Statistics in Medicine
- University Expert in Advanced Methods in Applied Statistics
- Master in Health and Environment by the Autonomous University of Madrid
- Master in Public Health, Autonomous University of Madrid
- Master in Pharmacoeconomics and Health Economics, Pompeu Fabra University, Barcelona







You will improve your career prospects and increase your opportunities for professional growth, with a program that only TECH offers.

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

TECH's Executive Master's Degree in MBA in Pharma Biotech Management is an intensive program that prepares you to face challenges and business decisions in the medical and pharmaceutical fields. The main objective is to promote your personal and professional growth. Helping you achieve success.

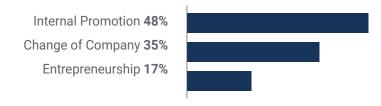
If you want to improve yourself, make a positive change at a professional level, and network with the best, then this is the place for you.

You will be part of an industry that impacts people's lives and contribute to the development of innovative pharmaceutical and biotechnology solutions.

Time of change



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 64 | 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 68 | Certificate

This **Executive Master's Degree in MBA in Pharma Biotech Management** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Executive Master's Degree** issued by **TECH Technological University** via tracked delivery*.

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

Title: Executive Master's Degree in MBA in Pharma Biotech Management Official N° of Hours: 1,500 h.





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



Executive Master's Degree MBA in Pharma Biotech Management

- » Modality: online
- » Duration: 12 months
- » Certificate: TECH Technological University
- » Schedule: at your own pace
- » Exams: online

