



Postgraduate Certificate Legal Aspects of Blockchain and Business

» Modality: online

» Duration: 6 weeks

» Certificate: **TECH Technological University**

» Schedule: at your own pace

» Exams: online

» Target Group: computer engineers, programmers, and others in the digital field. As well as graduates in the fields of law or economics, managers interested in implementing Blockchaintechnology in their companies and people interested in Blockchain technology

Website: www.techtitute.com/in/school-of-business/postgraduate-certificate/legal-aspects-blockchain-business

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01 **Welcome**

The irruption of Blockchain technology in the business ecosystem is causing very relevant changes. New forms of financing have appeared, business models are being decentralized and the internal organization of the company is moving to digital environments. As a result, changes in legislation have been taking place that affect both the company and its relationship with Blockchain technology. In this regard, TECH has developed an up-to-date program that includes the most recent changes in different regulations. As well as how they interact with businesses. On the other hand, the contents will be taught in an online mode and without timetables, so that students can organize themselves according to their needs.









tech 08 | Why Study at TECH?

At TECH Technological University



Innovation

The university offers an online learning model that combines 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.

100,000+

200+

executives trained 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 studies in the academic community"

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.



Academic Excellence

TECH offers students the best online learning methodology. The university combines the Relearning method (a postgraduate learning methodology with the highest international rating) with the Case Study. A complex balance between tradition and state-of-the-art, within the context of the most demanding academic itinerary.



Economy of Scale

TECH is the world's largest online university. It currently boasts a portfolio of more than 10,000 university postgraduate programs. And in today's new economy, **volume + technology = a ground-breaking price**. This way, TECH ensures that studying is not as expensive for students as it would be at another university.



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.



tech 12 | Why Our Program?

This program will provide students with a multitude of professional and personal advantages, particularly the following:



A significant career boost

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 participants achieve positive career development in less than 2 years.



Develop a strategic and global vision of companies

TECH offers an in-depth overview of general management to understand how each decision affects each of the company's different functional areas.

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.



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 areas 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.



Be part of an exclusive community

Students will be part of a community of elite executives, large companies, renowned institutions, and qualified professors from the most prestigious universities in the world: the TECH Technological University community.

We give you the opportunity to train 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 Postgraduate Certificate in Legal Aspects of Blockchain and Business qualifies students to:



Identify the regulations applicable to the different business models offered by technology



Analyze why a Blockchain solution should be applied in our environment



Establish the basis of knowledge of the crypto world and key aspects of it



Identify potential legal risks in real projects

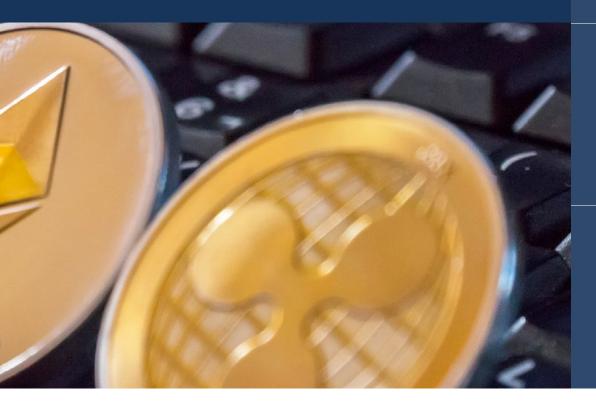




Generate specialized knowledge on the logical concept of distributed technologies as a comparative advantage



Explore the capability of certain Blockchain implementations and their impact on the financial and pharmaceutical field





Analyze the best way to implement a Blockchain process focusing on the basics of the technology



Generate specialized knowledge on the Whitepaper concept



Determining the legal requirements for cryptoassets



Contrast and compare the current regulations against the EIDAS regulations



Establish the legal implications in the regulation of cryptocurrencies





Developing the regulation of tokens and ICOs



Examine the current regulation of NFTs



Analyze why we should or should not implement a Blockchain project in our environment



Adapt knowledge and mental tools to understand the project-oriented Blockchain concept





Gather all the possibilities offered by the vast *blockchain* universe, distributed, DeFi, etc.



Examine the challenges we face when implementing a product based on DLT technology



Determine when a Blockchain project is right and when it is wrong





tech 22 | Structure and Content

Syllabus

The Postgraduate Certificate in Legal Aspects of Blockchain and Business at TECH Technological University is an intensive program that prepares students to know the most appropriate ways to implement Blockchain in their companies.

The program content is designed to promote the development of managerial skills, aimed at making decisions with rigor in a rapidly advancing technological ecosystem.

Over 300 hours in length, students will analyze a multitude of practical cases through individual practice and teamwork. It is, therefore, a real immersion in the legal limits of the implementation of Blockchain technology.

The syllabus develops the regulations applicable to Tokens, financing or cryptoassets, among other concepts. At the same time, it delves into specific regulations such as MiCA, DORA or EIDAS. Therefore, it is a Postgraduate Certificate that allows its graduates to operate with Blockchain technology without losing sight of the existing legal framework.

The plan focuses on professional improvement to achieve excellence in personal and business management. Understanding the current company needs and, consequently, proposing innovative content. Moreover, the program is supported by an exceptional educational methodology and teaching staff that generate creative and efficient skills.

This Postgraduate Certificate takes place over 12 week and consists of two modules:

Module 1.

Blockchain. Legal Implications

Module 2.

Blockchain and Business



Where, When and How is it Taught?

TECH offers the possibility of developing this Postgraduate Certificate in Legal Aspects of Blockchain and Business completely online. Over the course of 6 weeks, 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

Mod	ule 1. Blockchain. Legal Implications			
1.1. 1.1.1. 1.1.2. 1.1.3.	Bitcoin	1.2. Ethereum1.2.1. Ethereum. Origins1.2.2. Proof of Stake Operation1.2.3. DAO Case	1.3. Current Status of the Blockchain1.3.1. Growth of Cases1.3.2. Blockchain Adoption by Large Companies	 1.4. MiCA (Market in Cryptoassets) 1.4.1. Birth of the Standard 1.4.2. Legal Implications (Obligations, Obligated Parties, etc.) 1.4.3. Summary of the Standard
1.5. 1.5.1. 1.5.2. 1.5.3.		1.6. Tokens1.6.1. Tokens1.6.2. Types1.6.3. Applicable Regulations in Each Case	 1.7. ICO/STO/IEO: Corporate Financing Systems 1.7.1. Types of Financing 1.7.2. Applicable Regulations 1.7.3. Success Stories 	 1.8. NFT (Non-Fungible Tokens) 1.8.1. NFT 1.8.2. Applicable Regulations 1.8.3. Use Cases and Success (Play to Earn)
1.9.1. 1.9.2.	Taxation and Cryptoassets Taxation Income from Work Income from Economic Activities	1.10. Other Applicable Regulations 1.10.1. General Data Protection Regulation 1.10.2. DORA (Cybersecurity) 1.10.3. EIDAS Regulations		
Mod	ule 2. Blockchain and Business			
		 2.2. Blockchain Implementation Cycle 2.2.1. From P2P to Distributed Systems 2.2.2. Key Aspects for Proper Implementation 2.2.3. Improving Current Implementations 	 2.3. Blockchain Vs. Traditional Technologies: Basics 2.3.1. APIs Data and Flows 2.3.2. Tokenization as a Cornerstone for Projects 2.3.3. Incentives 	2.4. Selecting Blockchain Type2.4.1. Public Blockchain2.4.2. Private Blockchain2.4.3. Consortiums
2.5. 2.5.1. 2.5.2. 2.5.3.	3 , (,	 2.6. Blockchain and the Financial Sector Beginnings 2.6.1. CBDC and Banking 2.6.2. Native Digital Assets 2.6.3. Where It Does Not Fit 	 2.7. Blockchain and the Pharmaceutical Sector 2.7.1. Searching for Meaning in the Field 2.7.2. Logistics and Pharma 2.7.3. Application 	 2.8. Pseudo Private Blockchains: The Point of Consortiums 2.8.1. Reliable Environments 2.8.2. Analysis and Delving Deeper 2.8.3. Valid Implementations
2.9.1. 2.9.2.	Blockchain. Usage Case in Europe EBSI EBSI (European Blockchain Services Infrastructure) The Business Model Future	2.10. The Future of Blockchain 2.10.1. Trilemma 2.10.2. Automation 2.10.3. Conclusions		





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 28 | 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 30 | 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 | 31 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

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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.

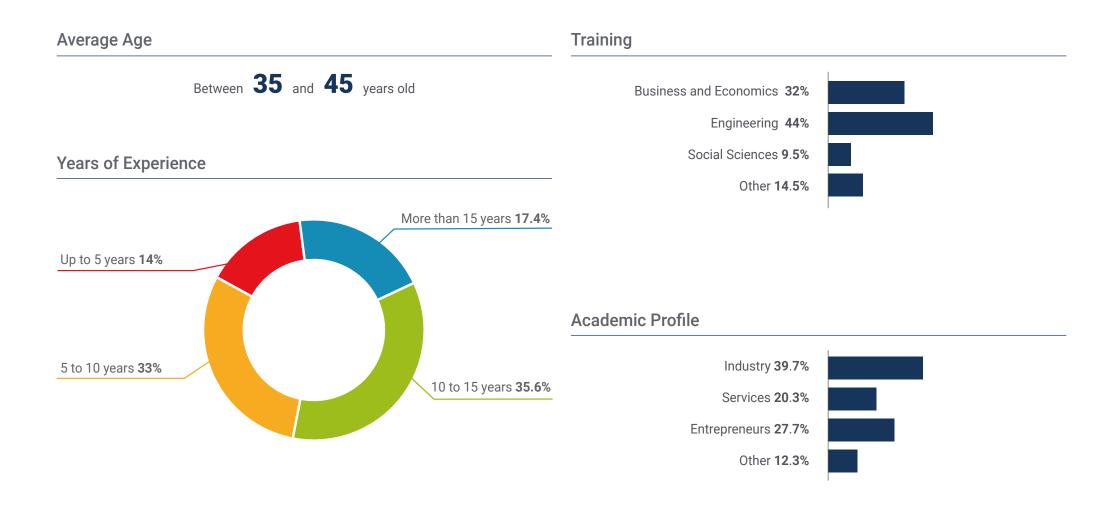


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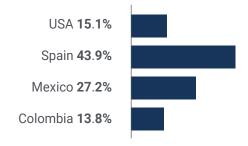




tech 36 | Our Students' Profiles



Geographical Distribution





Alberto Llompart Rivero

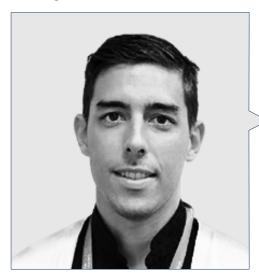
Lawyer

"Normally, we tend to think that once we have studied a degree, we have all the knowledge we need. However, when the company I work for started implementing Blockchain technology I realized that my job was in jeopardy. I decided, then, to enroll in the Postgraduate Certificate that TECH offered on the legal aspects of Blockchain and I couldn't be happier. I have learned everything I needed, and moreover, from professionals of the highest level"





Management



Mr. Torres Palomino, Sergio

- IT Engineer with expertise in Blockchain
- Blockchain Lead at Telefónica
- Blockchain Architect at Signeblock
- Blockchain Developer at Blocknitive
- Writer and Publisher at O'Really Media Books
- Lecturer in graduate studies and courses related to blockchain
- Degree in Computer Engineering from San Pablo CEU University
- Master's Degree in Big Data Architecture
- Master's Degree in Big Data and Business Analytics

Professors

Ms. Carrascosa Cobos, Cristina

- Lawyer expert in Technology Law and use of ICTs.
- Director and Founder of ATH21
- Columnist at CoinDesk
- Lawyer at Cuatrecasas Law Firm
- Lawyer at Broseta Law Firm
- Lawyer at Pinsent Masons Law Firm
- Master's Degree in Business Consultancy from IE Law School
- Master's Degree in Taxation and Taxation by CEF
- Degree in Law from the University of Valencia

Mr. Herencia, Jesús

- Director of Digital Assets at OARO
- Founder and Blockchain Consultant at Shareyourworld
- IT Manager at Crédit Agricole Leasing & Factoring
- CEO of Blockchain Open Lab
- IT Manager at Mediasat
- Postgraduate Certificate in Computer Systems Engineering from the Polytechnic University of Madrid
- Secretary General of AECHAIN
- Member of: Academic Committee for the Promotion of Cryptoassets and DLT Technology Research, Ethereum Madrid, AECHAIN

Ms. Foncuberta Marina

- Senior Associate Attorney at ATH21, Blockchain, Cybersecurity, IT, Privacy and Data Protection
- Professor at San Pablo CEU University: subject "Law and new technologies: Blockchain"
- Attorney Pinsent Masons, Blockchain Cybersecurity, IT, Privacy and Data Protection Department
- Lawyer as part of Secondment Program, Technology, Privacy and Data Protection Department, Wizink
- Lawyer as part of the Secondment Program, Cybersecurity, IT, Privacy and Data Protection Department, IBM.
- Law Degree and Postgraduate Certificate in Business Studies from the Universidad Pontifica Comillas
- Master's Degree in Intellectual and Industrial Property, Universidad Pontificia Comillas (ICADE), Madrid
- Program on Law and Blockchain: "Blockchain: Legal Implications"

Mr. Triguero Tirado, Enrique

- Blockchain Infrastructure Technical Manager at UPC-Threepoints
- Chief Technical Officer at Ilusiak
- Project Management Officer at Ilusiak and Deloitte
- ELK Engineer at Everis
- Systems Architect at Everis
- Degree in Technical Engineering in Computer Systems at the Polytechnic University of Valencia
- Master's Degree in Blockchain and its Business Applications from ThreePoints and the Polytechnic University of Valencia





tech 44 | Impact on Your Career

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

The Postgraduate Certificate in Legal Aspects of Blockchain and Business from TECH is an intensive program that prepares its graduates to face challenges and business decisions in the field of Blockchain technology. Its primary objective is to promote personal and business growth by helping you achieve success.

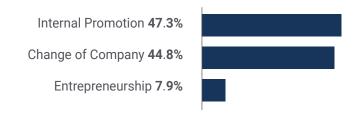
EBSI provides Blockchain services at the EU level that can be very beneficial for your business. Throughout this program you will learn what they are and how you can access them.

TECH teachers will teach you the differences between public and private Blockchain and their respective business application criteria.

When the change occurs



Type of change



Salary increase

The completion of this program represents a salary increase of more than **25.4%** for our students.

Salary before

\$57,100

A salary increase of

25.4%

Salary after

\$71,603.4





tech 48 | Benefits for Your Company

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



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.



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







tech 52 | Certificate

The **Postgraduate Certificate in Legal Aspects of Blockchain and Business** contains the most complete and up-to-date program on the market.

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

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

Title: Postgraduate Certificate in Legal Aspects of Blockchain and Business Official N° of hours: **300 h.**



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



Postgraduate Certificate Legal Aspects of Blockchain and Business

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» Exams: online

