



Postgraduate Diploma

Socio-ecological Impact of the Supply Chain

» Modality: online

» Duration: 6 months

» Certificate: TECH Global University

» Credits: 15 ECTS

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/schoo-of-business/postgraduate-diploma/postgraduate-diploma-socio-ecological-impact-supply-chain

Index

02 03 Why Study at TECH? Why Our Program? Welcome Objectives p. 10 p. 4 p. 6 05 06 Methodology Structure and Content p. 18 p. 24 80

Course Management

p. 36

Our Students' Profiles

p. 32

p. 14

Impact on Your Career

Benefits for Your Company

p. 44

p. 40

Certificate

01 **Welcome**

The green trend dominates today's markets, with more and more consumer habits aimed at reducing the impact of industries on nature. Seeing this trend are many economic sectors that have been changing their supply lines to adapt to the new market demands, which causes an unparalleled opportunity for professionals who want to lead these changes and assume positions of high responsibility and economic retribution. For professionals who want to take advantage of this niche market, TECH has developed a comprehensive program to educate them in all the essential aspects of more efficient and environmentally friendly supply chain management.









tech 08 | Why Study at TECH?

At TECH Global University



Innovation

The university offers an online learning model that balances the latest educational technology with the most rigorous teaching methods. A unique method with the highest international recognition that will provide students with the keys to develop in a rapidly-evolving world, where innovation must be every entrepreneur's focus.

"Microsoft Europe Success Story", for integrating the innovative, interactive multi-video system.



The Highest Standards

Admissions criteria at TECH are not economic. Students don't need to make a large investment to study at this university. However, in order to obtain a qualification from TECH, the student's intelligence and ability will be tested to their limits. The institution's academic standards are exceptionally high...

95%

of TECH students successfully complete their studies



Networking

Professionals from countries all over the world attend TECH, allowing students to establish a large network of contacts that may prove useful to them in the future.

+100000

+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 Global 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 Postgraduate Diploma in Socio-ecological Impact of the Supply Chain trains students to:



Develop strategies to optimize customer service and improve the profitability in the national and international market



Identify points of improvement in the processes to reduce the ecological impact



Apply the Lean Management concepts throughout the supply chain







Implement strategies that are beneficial to the company and at the same time environmentally and customer friendly



Identify new ways to manage the supply chain by reducing costs without losing profits or reducing delivery times



Explain the interactions and impact of operative decisions on the rest of the business functions





tech 20 | Structure and Content

Syllabus

The TECH's Postgraduate Diploma in Socio-ecological Impact of the Supply Chain has been developed taking into account all the difficulties and commitments that the student may have to study it. Therefore, it is taught 100% online, without physical classes or fixed schedules, so it is students themselves who set the pace of study.

The training has a duration of 375 hours in which the student, in addition to studying theoretical content, will see real practical cases of supply chain management and how to apply the theory learned in these cases. Thanks to the great multimedia support that the qualification has, the acquisition of knowledge is agile and enjoyable.

This Postgraduate Diploma delves into the most common problems when managing a supply chain with an ethical perspective, so that future managers achieve excellence in the field of ecosustainable management. This will firmly distinguish them from other professionals and will give them a higher quality plus to their knowledge curriculum.

The training takes place over 6 months and is divided into 3 modules:

Module 1	Business Strategy and Operations Strategy
Module 2	Socio-ecological Impact.
Module 3	Operative Strategy and Management Methodologies



Where, When and How is it Taught?

TECH offers the possibility of developing this Postgraduate Diploma in Socioecological Impact of the Supply Chain 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.

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

tech 22 | Structure and Content

Module 1. Business Strategy and Operations Strategy								
 1.1. Historical Evolution of Supply Chain 1.1.1. Historical Evolution of Operations	1.2.1. 1.2.2. 1.2.3. 1.2.4.	New Scenarios in Supply Chain Management Management in Multicultural Environments Innovation in SCM Orientation to Demand through Flexible Operations Philosophies and Techniques Used in Japan	1.3.1.	A Global Vision of Supply Chain Management SCM Opportunities and Threats Strategic Design for the Supply Chain Trends	1.4. 1.4.1. 1.4.2. 1.4.3.	Operations Strategy Strategy and Strategic Level Process Management Stocks Management		
 1.5. Logistics Decision-Making 1.5.1. Analysis of Decisions 1.5.2. Global Operations Management and Planning 1.5.3. Risk Management in SC 1.5.4. Hard and SoftDecision-Making 	1.6. 1.6.1. 1.6.2. 1.6.3.	Lean Operations Strategy Strategic Synergies with Functional Areas Logistics Operators Process-Product Matrix						
Module 2. Socio-ecological Impact.								

2.1. Corporate Social Responsibility SCM and Corporate Responsibility Responsible Finance and Investment 2.4. Business and Environment 2.1.1. Strategic Vision and Corporate Social 2.2.1. Value Creation in an Economy of Intangibles 2.3.1. Transparency in Information 2.4.1. Sustainable Development 2.2.2. CSR: Corporate Commitment 2.3.2. Finance and Responsible Investment 2.4.2. Legislative Development in Responsibility 2.1.2. Systems and Models for Implementing CSR 2.2.3. Social, Environmental, and Economic Impact 2.3.3. Social Economy, Cooperativity and Corporate **Environmental Responsibility** 2.1.3. Organization of CSR Social Responsibility 2.4.3. Response of Companies to 2.1.4. Roles and Responsibilities **Environmental Problems** 2.4.4. Waste and Emissions 2.5. Responsible Management Systems **Business Ethics** 2.6. and Tools 2.6.1. Ethical Behavior in Companies 2.6.2. Deontology and Ethical Codes 2.5.1. Social Responsibility Management Systems 2.6.3. Fraud and Conflicts of Interest 2.5.2. Quality Management Systems, the Environment and Occupational Health and Safety 2.5.3. Audits

Module 3. Operative Strategy and Management Methodologies

3.1. Lean Management

- The Basic Principles of Lean Management
- 3.1.2. Improvement and Problem-Solving Groups
- 3.1.3. New Forms of Maintenance and Quality Management
- 3.2. Process Improvement and Rapid Response Manufacturing (RRM) Techniques
- 3.2.1. Kaizen, Soifuku, Ishikawa
- 3.2.2. Smed, Shoninka, Shojinka
- 3.2.3. Jidoka, Kanban, Heijunka

3.3. Total Quality Management and **Advanced Project Management**

- 3.3.1. TQM (Total Quality Management)
- 3.3.2. Six Sigma as a Business Management System
- 3.3.3. EFOM Model

3.4. Lean Manufacturing Diagnosis

- 3.4.1. Operations Strategy and Lean manufacturing
- 3.4.2. Quantitative Diagnosis
- 3.4.3. Qualitative Diagnosis
- 3.4.4. Assessment Tools Lean

3.5. Lean Manufacturing Tools

- 3.5.1. Quality Improvement Tools
- 3.5.2. Cost Improvement Tools
- 3.5.3. Deadline Improvement Tools
- 3.5.4. Tools for Improving Personnel Involvement 3.6.4. Management Indicators

3.6. Policy Deployment Hoshin Kanri

- 3.6.1. Policy Deployment
- 3.6.2. Management Control
- 3.6.3. Balanced Scorecard



The educational experience that will be a before and after in your management career as a supply chain manager"



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 26 | 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 28 | 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 | 29 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

 \bigcirc

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.

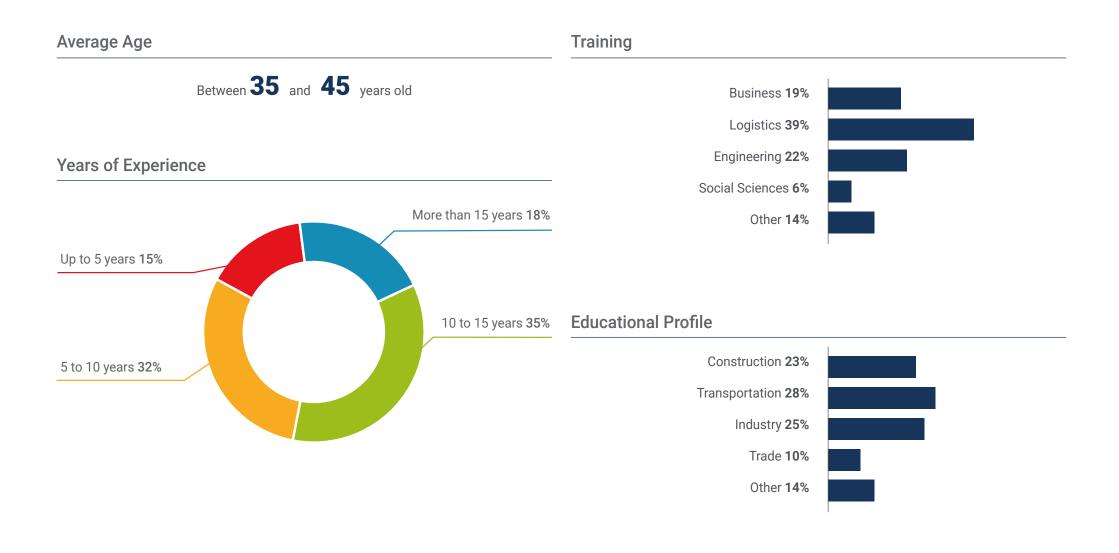


30%

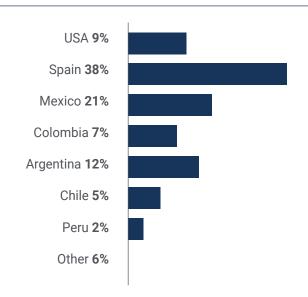




tech 34 | Our Students' Profiles



Geographical Distribution





Javier Diallo Avalos

Supply Chain Management

"I was looking for something to distinguish myself from my peers and thanks to this TECH Postgraduate Diploma I was able to find it.

With the advanced knowledge in responsible supply chain management I was able to stand out in my daily work and get the promotion I wanted towards logistics management."





International Guest Director

Mahmoud Shama is an executive with extensive experience in supply chain leadership and management. His track record is internationally recognized for his ability to implement comprehensive strategies that optimize costs, drive efficiencies, ensure regulatory compliance and deliver a high level of service quality and customer satisfaction.

In his professional career dedicated to the field of logistics, he has worked in a variety of tasks. These include demand and supply planning, as well as the application of S&OP keys, inventory control, purchasing, warehousing, network analysis, among others. At the same time, this expert is characterized by an unquestionable capacity for leadership and motivation of the employees under his charge. As a result, he has become a reference for the most important multinationals in the world.

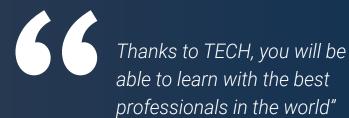
With Red Bull, Mahmoud Shama has held various positions, mainly as Senior Supply Chain Director. Specifically, he has been dedicated to improving forecast accuracy and minimizing waste. At the same time, he has ensured the development of rigorous inventory management.

Other corporations where this specialist has worked include Mondelēz International, as Director of Demand Planning for North America and as Senior Manager of Customer Service and Logistics. From these positions he has directed XC&L's global strategy, also overseeing the outsourced manufacturing of some of the brand's most distinctive products. In addition, his experience in other brands such as Johnson & Johnson, Kraft Foods Group, Cadbury or PepsiCo, has allowed him to accumulate knowledge and direct perspectives on the different methodologies and technologies that promote more productive and organized operating environments. Moreover, this executive holds an MBA in Business, which, coupled with his technical expertise, reinforces his business acumen.



D. Shama, Mahmoud

- · Senior Director of Supply Chain, Red Bull, California, USA
- Director of Demand Planning for North America at Mondelez International
- Director of Global Planning and S&OP at Johnson & Johnson
- Director of Customer Service and Logistics at Mondelez International
- Director of Product Supply and S&OP Leader at Kraft Foods Group
- Planning, S&OP and MENA Project Manager at Cadbury
- Director of Materials Planning and Purchasing at PepsiCo
- MBA in Business at Maastricht School of Management
- B.Sc. in Mechanical Engineering from the American University in Cairo



tech 40 | Course Management

Management



Mr. Bassoumi, Shukri

- General Manager of Exos Solutions
- Telecommunications Engineer
- Has developed his professional career in the field of consultancy
- Experience in Purchasing, Logistics and Operations, managing a large number of projects
- Currently General Manager of Exos Solutions, Engineering Consultant, specializing in the project, team and strategy management







tech 44 | Impact on Your Career

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

The Postgraduate Diploma in Socio-Ecological Impact of the Supply Chain of TECH Global University prepares its students for the main challenges they will have to face when managing a logistics chain, giving them the opportunity to grow professionally in a complex sector that requires highly decisive managers.

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

Do not miss the opportunity to train with us and you will find the improvement you were looking for.

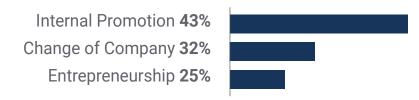
Generating Positive Change

If you want to make a positive change in your profession, our academic program will help you achieve it.

Time of change



Type of change



Salary increase

This program represents a salary increase of more than **25%** for our students.

\$57,900

A salary increase of

25.22%

\$75,500





tech 48 | 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 52 | Certificate

This program will allow you to obtain your **Postgraduate Diploma in Socio-ecological Impact of the Supply Chain** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University is an official European University publicly recognized by the Government of Andorra (*official bulletin*). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: Postgraduate Diploma in Socio-ecological Impact of the Supply Chain

Modality: online

Duration: 6 monts

Accreditation: 15 ECTS



Postgraduate Diploma in Socio-ecological Impact of the Supply Chain

This is a program of 375 hours of duration equivalent to 15 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024



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



Postgraduate Diploma Socio-ecological Impact of the Supply Chain

» Modality: online

» Duration: 6 months

» Certificate: TECH Global University

» Credits: 15 ECTS

» Schedule: at your own pace

» Exams: online

