



Advanced Master's Degree Senior Logistics Management

» Modality: online

» Duration: 2 years

» Certificate: TECH Global University

» Credits: 120 ECTS

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/school-of-business/advanced-master-degree/advanced-master-degree-senior-logistics-management

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01 **Welcome**

Logistics is one of the most important areas in managing supply chains given the need to correctly plan the whole process for the benefit of the company. In this sense, it is necessary to know how to adapt to changes, mainly technological ones, which makes acquiring a higher specialization like this program essential. This program will train professionals to adapt with ease to the latest developments in the field enabling them to act in the face of both technological changes and fluctuations in the market. This program in Senior Logistics Management is designed to train professionals in this field, with the aim of providing them with the necessary skills to be successful in their companies. To this end, the course will delve into highly relevant areas such as logistics, project management or purchasing and procurement.









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At TECH Global 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.





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.



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.



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.



At TECH, you will have access to the most rigorous and up-to-date case studies in the academic community"



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.





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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 Global University community.

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





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

The Advanced Master's Degree in Senior Logistics Management qualifies students to:



Define purchasing/procurement policies within the framework of integrated logistics



Expand knowledge of areas complementary to project management; business strategy and financial management



Develop an international vision of the supply chain





Increase student employability



Define the policies, practices and levers that shape purchasing management, as well as customer-supplier relations



Use the most appropriate purchasing tools for the selecting and evaluating the best suppliers



Implement productivity improvement and cost reduction plans



09

Evaluate and measure results by identifying key indicators



Structure the requirements in the area of purchasing



Develop negotiation strategies that generate stable and positive relationships with suppliers



Carry out and manage purchase performance and audits



Describe the latest advances in the sector, thanks to the collaboration of the public sector and the private business sector, both nationally and internationally



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



13

Apply Lean Management concepts throughout the supply chain



Implement techniques to develop the interaction between store and logistics, catalog management, purchasing and procurement, warehouse operations, transportation and distribution, customer service, etc



Implement tools for operational and economic control of business procedures



Describe in depth the value creation mechanisms of the supply chain





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



Describe the procedures for establishing decision criteria for process outsourcing, RFQs and signing logistics service contracts



Compete through processes innovation

21

Moving from the technical management side to the executive side within organizations



Improve the management of people and high-performance teams



Know how to manage companies, work and people in highly uncertain environments





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Have a horizontal and vertical vision of the organizations

25)

Improve execution capacity

26

Know how to work more effectively, more agile and more aligned with new technologies and current tools















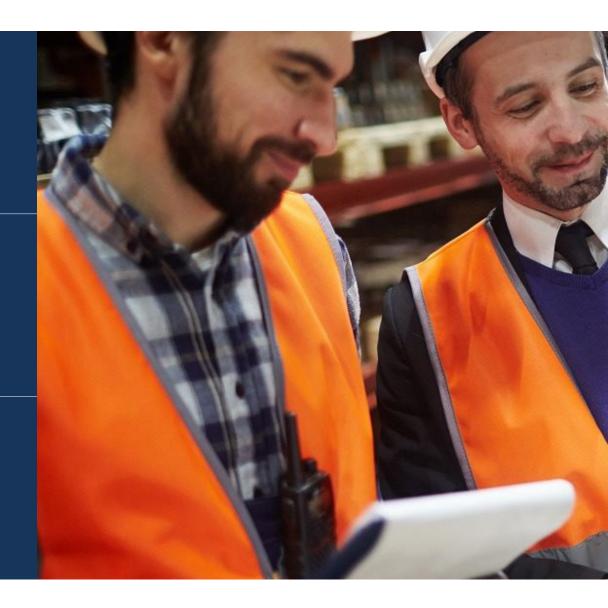
Learn to perform tasks in an agile way, minimizing time and eliminating tasks that do not add value



Know how to analyze the income statement of companies



Understand the main financial indicators of organizations





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Design and implement PMO structures within an organization

29)

Understand the keys to successful R+D+I management in organizations

30

Identify the direct and indirect costs associated with any business activity





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Syllabus

This TECH Global University Advanced Master's Degree in Senior Logistics Management is an intense program that prepares you to face challenges and business decisions both on a national and international level. Its content is designed to promote the development of managerial skills that enable more rigorous decision-making in uncertain environments.

Over the course of 3,000 hours, students will analyze a multitude of practical cases through individual work, achieving global learning that will be very useful for daily work. It is, therefore, an authentic immersion in real business situations.

This program deals in depth with all areas within a company and is designed to help managers understand strategic management from a strategic, international and innovative perspective. A plan designed for professionals, focused on their professional improvement, that also prepares them to achieve excellence in the field of leadership and business management. A program that understands your needs and those of your company through innovative content based on the latest trends, and supported by the best educational methodology and an exceptional teaching staff, which will give you the skills to solve critical situations in a creative and efficient way.

This Advanced Master's Degree takes place over 24 months and is divided into 23 modules:

Module 1	Managementand Leadership
Module 2	Market Research
Module 3	Global Sourcing
Module 4	Performance and Auditing
Module 5	Financial Supply Chain Management
Module 6	Socio-Ecological Impact
Module 7	Business and Operations Strategy
Module 8	Supply Chain Management Planning and Execution
Module 9	Operative Strategy and Management Methodologies
Module 10	Supply Chain and Demand Management
Module 11	International Operations Applying Lean Logistics
Module 12	Strategic Purchasing Management

Module 13	Strategic Project Management
Module 14	Project Scope and Schedule
Module 15	Project Financial Management
Module 16	Recruitment and Project Quality
Module 17	People and Resource Management
Module 18	Innovative Organizations and Projects
Module 19	Agile Methodologies
Module 20	PMO
Module 21	Project Risk Management
Module 22	Introduction to Project Finance
Module 23	Innovation, E-Logistics and Supply Chain Technology

Where, When and How is it Taught?

TECH offers the possibility of developing this Advanced Master's Degree in Senior Logistics Management completely online. Over the course of 24 months, you will be able to access all the contents of this program at any time, allowing you to selfmanage your study time.

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

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Module 1. Management and Leadership

1.1. General Management 1.2. Strategic Management 1.3. Competitive Strategy 1.4. Corporate Strategy 1.1.1. Integrating Functional Strategies into Global Establish the Strategic Position: Mission, 1.3.1. Market Analysis 1.4.1. Driving Corporate Strategy Business Strategies Vision and Values 1.3.2. Sustainable Competitive Advantage 1.4.2. Pacing Corporate Strategy 1.1.2. Management Policy and Processes 1.2.2. Developing New Businesses 1.3.3. Return on Investment 1.4.3. Framing Corporate Strategy 1.1.3. Society and Enterprise Growing and Consolidating Companies 1.5. Planning and Strategy **Talent Management** 1.7. Management and Leadership 1.8. Change Management Development Performance Analysis 1.5.1. The Relevance of Strategic Management in Managing Human Capital the Process of Management Control Environment, Strategy, and Metrics Leading Change. Resistance to Change 1.7.1. Leadership and Leadership Styles 1.5.2. Analysis of the Environment and the 1.6.3. Innovation in People Management 1.8.3. Managing Change Processes 1.7.2. Motivation 1.8.4. Managing Multicultural Teams Organization 1.7.3. Emotional Intelligence 1.5.3. Lean Management 1.7.4. Efficient Meetings 1.9. Negotiation 1.9.1. Intercultural Negotiation 1.9.2. Negotiation Focuses 1.9.3. Effective Negotiation Techniques 1.9.4. Restructuring Module 2. Market Research 2.1. New Competitive Environment 2.2. Quantitative Research Methods and Qualitative Research Methods and 2.4. Market Segmentation 2.1.1. Technological Innovation and Economic Techniques Techniques Market Typologies 2.4.2. Concept and Analysis of Demand Impact 2.3.1. Direct Techniques: Focus Groups 2.2.1. Variables and Measurement Scales 2.1.2. Society of Knowledge 2.4.3. Segmentation and Criteria 2.2.2. Information Sources 2.3.2. Anthropological Techniques 2.1.3. The New Consumer Profile 2.4.4. Defining the Target Audience Sampling Techniques 2.3.3. Indirect Techniques The Treatment and Analysis of Data 2.3.4. The Two Face Mirror and the Delphi Method 2.8. Marketing Intelligence 2.5. Types of Buying Behavior 2.6. Marketing Information Systems Research Project Management Complex Behavior 2.6.1. Conceptual Approaches to Marketing Information Analysis Tools 2.8.1. Big Data 2.5.2. Dissonance-Reducing Behavior Information Systems 2.7.2. Developing an Expectation Management Plan 2.8.2. User Experience 2.5.3. Variety-Seeking Behavior 2.6.2. Data Warehouse and Data Mining 2.7.3. Assessing Project Feasibility 2.8.3. Applying Techniques 2.5.4. Habitual Behavior 2.6.3. Geographical Information Systems

Moc	dule 3. Global Sourcing						
3.1.3.	Global Economic Environment The Fundamentals of the Global Economy The Globalization of Companies and Financial Markets Growth & Development in Emerging Markets International Monetary System	3.2.1. 3.2.2. 3.2.3.	Adaptation of Purchasing to Global Sourcing Purchasing Structure The Need for New Skills Intermediaries	3.3. 3.3.1. 3.3.2. 3.3.3. 3.3.4.	Agreements Customs Legislation	3.4.2.	International Logistics Distribution International Logistics Platforms International Transport Operator Hubs and Distribution
3.5.3. 3.5.4.	Agency, Distribution and International Sales and Purchase Agreements Industrial and Intellectual Property Taxes and Tariffs Classification	3.6.1. 3.6.2. 3.6.3.	Methods and Means of International Payment Payment Method Selection Documentary Credit Bank Guarantee and Documentary Credit		International Lean Logistics Lean Fundamentals Applied to International Logistics Main Implications and Requirements Other Methodologies to Improve the Process		
4.1.1.4.1.2.4.1.3.	Management Indicators Functions of Management Indicators Indicator Panel and Balance Score Card	4.2. 4.2.1. 4.2.2. 4.2.3. 4.2.4. 4.2.5. 4.2.6.	Starting Material Purchase Indicators Efficiency Indicators Economic Indicators Internal Customer Relations Indicators Procurement Effectiveness Indicators Procurement Efficiency Indicators Purchasing Objectives	4.3. 4.3.1. 4.3.2. 4.3.3. 4.3.4. 4.3.5.	Service Purchasing Indicators Economic Indicators Procurement Effectiveness Indicators Efficiency Indicators Relationship Indicators Relationship Indicators in Internal Customers	4.4. 4.4.1. 4.4.2.	Other Indicators Performance Indicators Purchasing Team Productivity Indicators
4.5. 4.5.1.	Purchasing Audit General Auditing Policy	4.6.	Benchmarking in Purchasing Management				

4.6.1. Types of Benchmarking4.6.2. How to Benchmark the Market

4.6.3. Benefits and Advantages of Applying Benchmarking in a Purchasing Department 4.6.4. Benchmarking Measurement

4.5.2. Audit Objectives4.5.3. Scope of the Audit in Terms of Purchase

4.5.4. Internal Audits, Training, and Contractor Policies and Procedures

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Module 5. Financial Supply Chain Management 5.1. Global Economic Environment 5.2. Financial Accounting 5.3. Management Accounting 5.4. Financial Analysis and Planning 5.1.1. The Fundamentals of the Global Economy Company Accounting Information Processing Expenses and Costs Balance Sheet Analysis 5.4.2. Income Statement Analysis 5.1.2. The Globalization of Companies and Situation Balance 5.3.2. Cost Allocation Systems Financial Markets 5.2.3. Amortization 5.3.3. Treasury Budget 5.4.3. Profitability Analysis 5.1.3. Entrepreneurship and New Markets 5.7. Key Financial Aspects in Operations 5.8. Tools for Operations Management 5.5. Financial Diagnosis **Economic Analysis of Decisions** in Times of Crisis Management 5.5.1. Indicators for Analyzing Financial Statements 5.6.1. Budget Control 5.5.2. Profitability Analysis Competitive Analysis Comparative Analysis 5.7.1. Efficient Value Chain Management 5.8.1. Sensitivity Analysis 5.5.3. Economic and Financial Profitability of a 5.6.3. Decision-Making Business Investment or 5.7.2. Creating Positive Effects on the Company's Quantifying Probability and Impact Company Divestment Financial Indicators 5.8.3. Risk Perception 5.7.3. Strategies to Generate Cash 5.9. Profitability and Efficiency of 5.10. Logistics Costs Logistics Chains: KPIS 5.10.1. Logistics Costs in Internal Operations vs. 3PL 5.10.2. Procurement Costs 5.9.1. Profitability, Liquidity and Asset Use 5.10.3. Import-Associated Costs 5.9.2. Shareholder Value 5.10.4. Storage Costs, Picking and Packing 5.9.3. Financial and Non-Financial Profitability in 5.10.5. Distribution Costs the Supply Chain Module 6. Socio-Ecological Impact 6.1. Corporate Social Responsibility 6.2. SCM and Corporate Responsibility 6.3. Responsible Finance and 6.4. Business and Environment Investment 6.1.1. Strategic Vision and Corporate Social 6.2.1. Value Creation in an Economy of Intangibles Sustainable Development Responsibility 6.2.2. CSR: Corporate Commitment 6.4.2. Legislative Development in Environmental 6.3.1. Transparency in Information 6.1.2. Systems and Models for Implementing CSR 6.2.3. Social, Environmental, and Economic Impact Responsibility 6.3.2. Finance and Responsible Investment 6.1.3. CSR Organization 6.4.3. Response of Companies to Environmental 6.3.3. Social Economy. Cooperativity and Corporate 6.1.4. Roles and Responsibilities Problems Social Responsibility 6.4.4. Waste and Emissions 6.5. Responsible Management Systems **Business Ethics** 6.6. and Tools Ethical Behavior in Companies 6.6.2. Deontology and Ethical Codes 6.5.1. Social Responsibility Management Systems 6.6.3. Fraud and Conflicts of Interest 6.5.2. Quality Management Systems, the Environment and Occupational Health and Safety 6.5.3. Audits

7.1.	Fundamentals and Historical Evolution of SCM	7.2.	New Scenarios in Supply Chain Management	7.3.	A Global Vision of Supply Chain Management	7.4. 7.4.1.	Operations Strategy Introduction to Strategy and Strategic Levels
7.1.1. 7.1.2.	Historical Evolution of Operations Approaches Scale Economies at the Beginning of the 20th		Management in Multicultural Environments Innovation in SCM Demand Orientation through Flexible		Opportunities and Threats in SCM Strategic Design for the Supply Chain Tendencies		Process Management Managing Stocks
Century	Century	7.2.4.	Operations 7.2.4. Philosophies and Techniques Employed in Japan	7.0.0.	.0.100.1000		
7.5.	Logistics Decision Making	7.6.	Lean Operations Strategy				
7.5.1.		7.6.1.	3 , 3				
7.5.2. 7.5.3. 7.5.4.	3	7.6.2. 7.6.3.					

Mod	ule 8. Supply Chain Management Planr	ning ar	d Execution			
8.1.2. 8.1.3.	Advanced Sales & Operations Planning	8.2.1.	Demand Management from a Lean Perspective Master Planning Lean Design of Product and Process Structures	Lean Planning Value Stream Map Planning and Programing Systems in Lean Planning and Programming Techniques in Lean	8.4.2. 8.4.3.	Operations Planning and Programming Materials Planning Resource Planning Distribution Planning
8.5.	Programming and Production Control Structure and Types of Production Make-to-Order Production Features		Supply Relationship Management Customer Service Global Management		8.4.4.	Information Systems for Planning
	Process-Oriented Production Features Product-Oriented Production Features	8.6.2.	Efficient Consumer Response Customer-Supplier Partnership Programs			

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10.9.4. Reverse Flow Traceability

Module 9. Operative Strategy and Management Methodologies 9.1. Lean Management 9.2. Process Improvement and Rapid 9.3. Total Quality Management and 9.4. Lean Manufacturing Diagnosis **Advanced Project Management** Response Manufacturing (RRM) 9.1.1. The Basic Principles of Lean Management 9.4.1. Operations Strategy and Lean manufacturing 9.1.2. Improvement and Problem-Solving Groups Techniques 9.4.2. Ouantitative Diagnosis 9.3.1. TQM (Total Quality Management) 9.1.3. New Forms of Maintenance and Quality 9.4.3. Qualitative Diagnosis 9.3.2. Six Sigma as a Business Management 9.2.1. Kaizen, Soifuku, Ishikawa Management 9.4.4. Assessment Tools Lean System 9.2.2. Smed, Shoninka, Shojinka 9.3.3. EFQM Model 9.2.3. Jidoka, Kanban, Heijunka Lean Manufacturing Tools Policy Deployment Hoshin Kanri 9.5.1. Quality Improvement Tools Policy Deployment 9.5.2. Cost Improvement Tools 9.6.2. Management Control 9.5.3. Deadline Improvement Tools 9.6.3. Balanced Scorecard 9.5.4. Tools for Improving Personnel Involvement 9.6.4. Management Indicators Module 10. Supply Chain and Demand Management 10.1. Supply Chain Design and 10.2. Demand Management and 10.3. Key Aspects of the Supply Chain 10.4. Supply Chain and Excellence in Management Resource Planning **Customer Service** 10.3.1. Order Entry Points 10.3.2. Stock Points 10.1.1. Environment Conditions 10.2.1. Operations and Supply Chain Analysis by 10.4.1. Efficient Manufacturing and Delivery 10.3.3. Customization Points 10.4.2. Excellence in Customer Service as a 10.1.2. Competitive Factors 10.3.4. Sales Forecasting Points 10.2.2. Inventory Management by Order Point 10.1.3. Innovation, Challenges and Gaps Competitive Advantage 10.4.3. Measuring Tools for Customer Service Excellence 10.6. Organizations and Product 10.5. Innovation and Product Engineering 10.7. Strategic Planning Design 10.8. Establishing Work Sequences Development throughout the Supply Chain 10.5.1. Product Development Management 10.8.1. Process Grouping in Loops 10.5.2. Prototypes 10.8.2. Sizing and Role of Stocks 10.6.1. Systems Engineering 10.7.1. Bottleneck Planning 10.6.2. Purchasing in Product Development 10.7.2. Decoupling Points 10.8.3. Sequence Level and Determination 10.6.3. Industrialization and Manufacturing 10.7.3. Systems in Pull 10.9. Reverse Logistics and 10.10. Customer Service Sustainability 10.10.1. Customer Service as a Winning Strategy 10.10.2. Customer Communication Channels 10.9.1. Returns, Rejections and Refunds 10.10.3. Online Store Integration 10.9.2. Household Collection Management 10.10.4. Service Centers On-line 10.9.3. Warehouse Management

Module 11. International Operations Applying Lean Logistics

11.1. Global Supply Chain

- 11.1.1. Global Supply Chain Planning
- 11.1.2. Global Supply Chain Management: Logistics and International Markets
- 11.1.3. The Triple Axis Supply Chain

11.2. Import Management

- 11.2.1. Customs, Export and Import Processes
- 11.2.2. International Commerce Institutions and Agreements
- 11.2.3. Customs Legislation
- 11.2.4. Plant Management and International Purchasing

11.3. International Logistics Distribution

- 11.3.1. International Logistics Platforms
- 11.3.2. International Transport Operator
- 11.3.3 Hubs and Distribution

11.4. Incoterms and International Document Management

- 11.4.1. Exportation or Implantation
- 11.4.2. Agency, Distribution and International Sales and Purchase Agreements
- 11.4.3. Industrial and Intellectual Property
- 11.4.4. Taxes and Tariffs Classification

11.5. Methods and Means of International Payment

- 11.5.1. Payment Method Selection
- 11.5.2. Documentary Credit
- 11.5.3. Bank Guarantee and Documentary Credit

11.6. International Lean Logistics

- 11.6.1. Fundamentals in Lean Applied to International Logistics
- 11.6.2. Logistics Waste Elimination Strategies
- 11.6.3. Main Implications and Requirements
- 11.6.4. Other Methodologies to Improve the Process

11.7. Lean Operative

- 11.7.1. Lean Decisions
- 11.7.2. Tools in Lean
- 11.7.3. Lean and Continuous Improvement in SCM

11.8. Creating Value

- 11.8.1. Definition of International Logistics Strategies
- 11.8.2. Economic Value Added
- 11.8.3. International Projects

Module 12. Strategic Purchasing Management

12.1. Strategic Purchasing Management

- 12.1.1. New Challenges in Purchasing, Sourcing and Procurement Management
- 12.1.2. Company and Supply Chain Purchasing Function
- 12.1.3. Purchasing Function as a Resource Provider
- 12.1.4. Purchasing Function Legal Aspects

12.2. Lean Management in Purchasing Processes

- 12.2.1. Lean Buying
- 12.2.2. Outsourcing in SCM
- 12.2.3. Lean Supplying

12.3. Purchasing Strategy Design

- 12.3.1 Externalization
- 12.3.2. Process Outsourcing
- 12.3.3. Globalization
- 12.3.4. Relocation

12.4. Outsourcing-Insourcing

- 12.4.1. Purchasing Models and Processes
- 12.4.2. Segmentation Models
- 12.4.3. Role of E-Procurement

12.5. Strategic Sourcing

- 12.5.1. Supplier Selection and Development
- 12.5.2. Value Generation from Strategic Procurement
- 12.5.3. Logistic Operators in Procurement

12.6. Warehouse Design and Management

- 12.6.1. Advanced Warehouse Design
- 12.6.2. Picking and Sorting
- 12.6.3. Material Flow Control

12.7. Lean Warehouse

- 12.7.1. The Fundamentals of Lean Warehousing
- 12.7.2. Inventory Management Systems
- 12.7.3. Radio Frequency in Warehouse Design

12.8. Transportation and Distribution Management

- 12.8.1. Coordination Between Transport and Warehousing
- 12.8.2. Logistics Activity Zones (LAZ)
- 12.8.3. Air and Inland Freight Transportation Regulations and Agreements

12.9. Internal Logistics

- 12.9.1. Calculating Requirements
- 12.9.2. Warehouses Typology in a JIT System
- 12.9.3. DOUKI SEISAN Supplies
- 12.9.4. Lean Materials Handling

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Module 13. Strategic Project Managemer	ıt		
13.1. Strategic Project Management and the Company	13.2. Competitive Business Strategy	13.3. Corporate Business Strategy	13.4. Project Management Framework
13.5. Integration and Knowledge Management	13.6. Areas of Knowledge in Project Management	13.7. Project Change Management: Training Management	13.8. Stakeholder Management
13.9. Project Communication Management	13.10. Traditional and Innovative Methodologies		
Module 14. Project Scope and Schedule			
14.1. Program and Project Portfolio Management	14.2. Project Scope Management	14.3. Requirements Gathering and Scope Definition	14.4. Breakdown of Project Objective into Activities (WBS)
14.5. Validate and Control the Scope	14.6. Strategic Time Planning in Project Management	14.7. Project Life Cycle	14.8. Efficient Time and Deadline Planning
14.9. Task Estimation Tools	14.10. Schedule Execution and Control		
Module 15. Project Financial Managemer	ıt		
15.1. Financial Plan	15.2. Financial Model	15.3. Project Viability Analysis	15.4. Project Sensitivity Management
15.5. Project Cost Management	15.6. Project Cost Estimation	15.7. Project Cost Control - EVM	15.8. Economic Analysis of Decisions
15.9. MsProject Tools	15.10. Digital Tools and Systems for Project Management		

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Module 16. Recruitment and Project Qual	ity		
16.1. Acquisition Planning	16.2. Supplier Search Planning	16.3. Supplier Relationship Management	16.4. Legal Aspects of Recruitment
16.5. Contract Management and Administration	16.6. Project Sale Management	16.7. Lean Management	16.8. Process Improvement Techniques
16.9. Total Quality Management and Advanced Project Management	16.10. Lean Tools for Project Management		
Module 17. People and Resource Manage	ement		
17.1. Organizational Culture	17.2. Organization Management	17.3. Talent Management and Commitment	17.4. Motivation
17.5. People Management and the Project Manager	17.6. Corporate Responsibility	17.7. Professional Ethics	17.8. Project Manager Executive Skills and Management Techniques
17.9. Negotiation	17.10. Project Resource Management		
Module 18. Innovative Organizations and	Draigata		
18.1. Organizational Change Management	18.2. Communication in Organizations	18.3. Creative Thinking: Innovation	18.4. Process Engineering and Product Engineering
18.5. Strategic Innovation Intelligence	18.6. Entrepreneurship and Innovation	18.7. Launch and Industrialization of New Products	18.8. R&D%l Management Systems
18.9. Direction and Management of R&D&I Projects	18.10. Project Management for Start-Ups		

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Module 19. Agile Methodologies			
19.1. Introduction to Agile Methodologies	19.2. Iterative, Adaptive, Predictive and Hybrid Lifecycles	19.3. Introduction to Scrum	19.4. Agile Team Management
19.5. Scrum Events	19.6. Artifacts in Scrum	19.7. Agile Estimating and Planning	19.8. Metrics
19.9. Collaborative Tools	19.10. Organizational Agility		
Module 20. PMO			
20.1. Introduction to the Project Management Office	20.2. Functions of the Project Management Office	20.3. Creating the Conditions for Change Leading Organizational Change	20.4. PMO Vision and Strategy
20.5. PMO Model Design	20.6. PMO Resource Plan	20.7. PMO Implementation	20.8. PMO Operation and Tools
20.9. Project Management Culture and Organization Knowledge Management	20.10. Agile PMO		
Module 21. Project Risk Management			
21.1. Introduction to Risk Management	21.2. Project Risk Management Planning	21.3. Risk Identification	21.4. Qualitative Risk Analysis
21.5. Risk Prioritization	21.6. Quantitative Risk Analysis	21.7. Scenario Analysis and Risk Response Plans	21.8. Implementation of Risk Response
21.9. Risk Monitoring and Control	21.10. Lessons Learned and Knowledge Management		

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Module 22. Introduction to Project Finance	9		
22.1. Introduction to Corporate Finance	22.2. Financial Statements and Cash Flows	22.3. Time Value of Money and Discounted Cash Flows	22.4. Fixed Income Valuation
22.5. Equity Valuation	22.6. Financial Investment Criteria: Capital Budgeting	22.7. Project Analysis	22.8. Risk and Return: The Cost of Capital
22.9. Liability Structure	22.10. Treasury and International Finance		
Module 23. Innovation, E-Logistics and Su	pply Chain Technology		
23.1. Financial Diagnosis	23.2. Economic Analysis of Decisions	23.3. Investment Valuation and Portfolio Management	23.4. Purchasing Logistics Management
23.5. Supply Chain Management	23.6. Logistical Processes	23.7. Logistics and Customers	23.8. International Logistics





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 46 | 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 48 | 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 | 49 tech

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically. With this methodology we have trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, markets, and financial instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.

This program offers the best educational material, prepared with professionals in mind:



Study Material

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

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



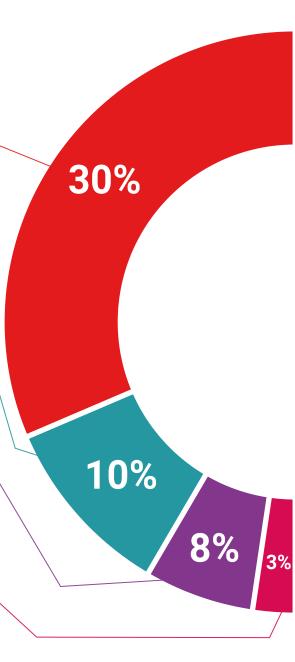
Management Skills Exercises

They will carry out activities to develop specific executive competencies in each thematic area. Practices and dynamics to acquire and develop the skills and abilities that a high-level manager needs to develop in the context of the globalization we live in.



Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best senior management specialists in the world.



Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.



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

Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



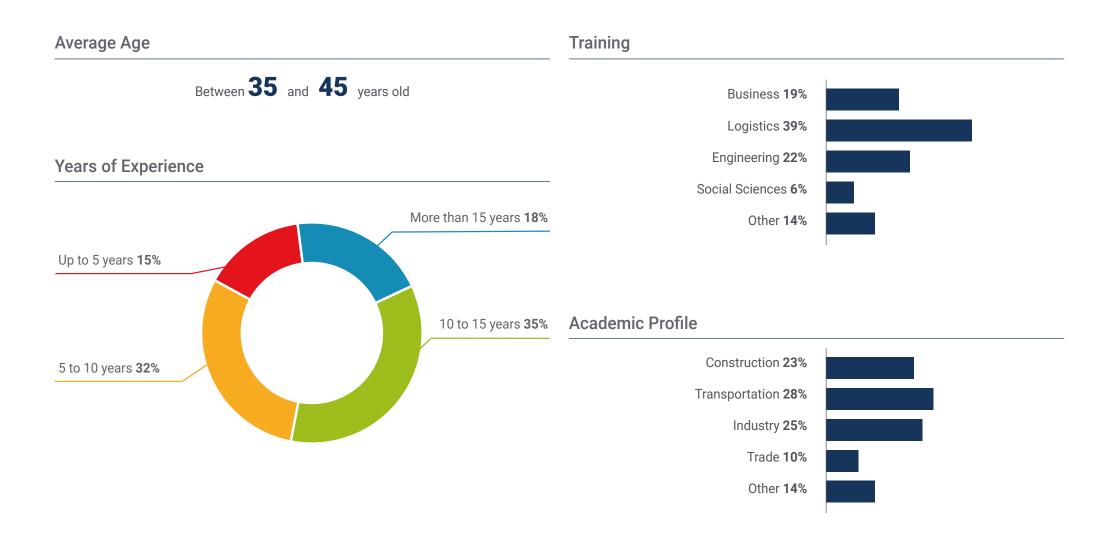


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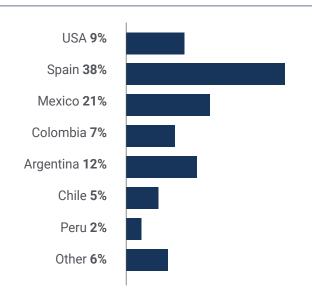




tech 54 | Our Students' Profiles



Geographical Distribution





Jorge Díaz

Logistics Manager

"This TECH program has been a great opportunity to get a more exhaustive specialization in logistics, a field in which I've been working for many years. The online format was essential for me, as it's enabled me to perfectly balance my study schedule with the rest of my daily obligations. I'd undoubtedly return to this university in the future"





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.

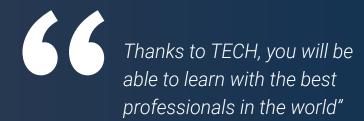
With Red Bull, Mahmoud Shama has held various positions, mainly as Senior Supply Chain Director. Specifically, he has been dedicated to improving forecast accuracy and minimizing waste. At the same time, he has ensured the development of rigorous inventory management.

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



International Guest Director

Manuel Arens is an experienced data management professional and leader of a highly qualified team. In fact, Arens holds the position of global procurement manager in Google's Technical Infrastructure and Data Center division, where he has spent most of his career. Based in Mountain View, California, he has provided solutions for the tech giant's operational challenges, such as master data integrity, vendor data updates and vendor prioritization. He has led data center supply chain planning and vendor risk assessment, generating process and workflow management improvements that have resulted in significant cost savings.

With more than a decade of work providing digital solutions and leadership for companies in diverse industries, he has extensive experience in all aspects of strategic solution delivery, including marketing, media analytics, measurement and attribution. In fact, he has received several awards for his work, including the BIM Leadership Award, the Search Leadership Award, Export Lead Generation Program Award and the EMEA Best Sales Model Award.

Arens also served as Sales Manager in Dublin, Ireland. In this role, he built a team of 4 to 14 members over three years and led the sales team to achieve results and collaborate well with each other and cross-functional teams. He also served as Senior Industry Analyst, Hamburg, Germany, creating storylines for over 150 clients using internal and third party tools to support analysis. Developed and wrote in-depth reports to demonstrate his mastery of the subject matter, including understanding the macroeconomic and political/regulatory factors affecting technology adoption and diffusion.

He has also led teams at companies such as Eaton, Airbus and Siemens, where he gained valuable account and supply chain management experience. He is particularly noted for continually exceeding expectations by building valuable customer relationships and working seamlessly with people at all levels of an organization, including stakeholders, management, team members and customers. His data-driven approach and ability to develop innovative and scalable solutions to industry challenges have made him a prominent leader in his field.



Mr. Arens, Manuel

- Senior Manager, B2B Analytics and Technology at Google, USA
- Sales Director at Google, Ireland
- Senior Industry Analyst at Google, Germany
- Account Manager at Google, Ireland
- Accounts Payable at Eaton, UK
- Supply Chain Manager at Airbus, Germany



tech 62 | Course Management

Management



Mr. Pampliega, Carlos

- Architect specializing in Project and Risk Management
- Certified Project Management Professional (PMP)
- Professional Scrum Master certified by Scrum.org
- Active member of PMI-Madrid Spain Chapter. Since 2013
- Director of PMI Castilla y León Branch, the delegation in Castilla y León. 2013
- He regularly participates as a speaker in presentations and courses, as well as in congresses organized by PMI
- Consultant and Trainer in Project Management at different universities and business schools
- Member of the Editorial Board of the scientific journal Building & Management
- Member of the PMO Global Alliance Awards PMO Judges Committee

Professors

Mr. Roji Ferrari, Salvador

- Vice-Dean of International Relations, Faculty of Economics and Business Studies, Complutense University of Madrid
- Degree. in Accounting and Finance. Complutense University of Madrid. 1997
- Degree in Journalism, Complutense University of Madrid, 1971-1977
- Master's Degree in Sciences of Finance. University of Maryland & Baltimore 1990
- Master's Degree in Business Administration (MBA). University of Maryland & Baltimore, 1989
- Professor of the Faculty of Economics and Business Administration, Department of Financial Administration and Accounting. Since 1994
- He has published 6 books on finance and business economics, as well as a multitude of articles and chapters on both divulgation and research







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

This TECH Global University Advanced Master's Degree in Senior Logistics Management is an intense program that prepares you to face challenges and business decisions both on a national and international level. The main objective is to promote your personal and professional growth. TECH helps to achieve success.

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

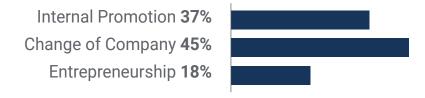
The completion of this Advanced Master's Degree will allow you to make a radical change in your profession.

A unique program aimed at improving your skills and employability.

When the change occurs



Type of change



Salary Increase

This program represents a salary increase of more than 25.22% for our students

\$57,900

A salary increase of

25.22%

Salary after **₹72,500**





tech 70 | Benefits for Your Company

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



Intellectual Capital and Talent Growth

You 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 executive 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 of the world economy.





Project Development

You will be able to work on a current project or develop new projects in the field of R&D or Business Development within the company.



Increased Competitiveness

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







tech 74 | Certificate

This program will allow you to obtain your **Advanced Master's Degree diploma in Senior Logistics**Management 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: Advanced Master's Degree in Senior Logistics Management

Modality: online

Duration: 2 years

Accreditation: 120 ECTS





^{*}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.



Advanced Master's Degree Senior Logistics Management

» Modality: online

» Duration: 2 years

» Certificate: TECH Global University

» Credits: 120 ECTS

» Schedule: at your own pace

» Exams: online

