

# Postgraduate Certificate Public Space Design





## Postgraduate Certificate Public Space Design

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/us/engineering/postgraduate-certificate/public-space-design](http://www.techtitute.com/us/engineering/postgraduate-certificate/public-space-design)

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# 01

# Introduction

Outdoor spaces generate the highest profitability taking into account aspects such as improved community living, health and wealth, as well as the generation of economic activities in the surrounding areas. Green public spaces and vibrant urban landscapes are considered key factors that attract both residents and businesses. Therefore, this sector has been one of the most important ones to date. That is why this university program has been created, offering the professional first level content related to the needs of users and the characteristics of the environment for the design of successful public spaces. All this with an online modality and with a team of highly qualified teachers in Landscape Architecture.





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*You will be at another level in the area of Public Space Design thanks to the specialized knowledge you will acquire with this Postgraduate Certificate”*

Landscape architects were introduced to a discipline based on holistic thinking, understanding the natural environment, the built environment and the relationships between the two, in which they have been prepared to take the lead in the design of outdoor spaces and capture the public's attention. In this sense, experts in the sector have worked to carry out innovations in these spaces with the aim of making them functional and integrating gradual solutions designed for human beings, but also with the purpose of preserving green areas and their respective care.

In this way, research and studies in this sector have advanced in the evolution of an environmentally friendly architecture and in the design itself, proving that architects will be at the forefront of innovation in this area of knowledge. That is why this Postgraduate Certificate will provide the professional with the best updates in Public Space Design and the planning and execution of design projects in Landscape Architecture.

The student will increase their knowledge in specific aspects related to the development of skills to create public spaces that promote social interaction, recreation and community welfare. On the other hand, it is a program that integrates a faculty with extensive experience and fully specialized, along with an audiovisual material of the highest quality providing a better experience to the student in the academic process.

Therefore, TECH Technological University is focused on excellence and comfort, offering the most complete update and the highest standards, being a program of great flexibility by only needing a device with Internet connection to easily access the Virtual Campus from the comfort of the place where you are.

This **Postgraduate Certificate in Public Space Design** contains the most complete and up-to-date program on the market. The most important features include:

- ◆ The development of practical cases presented by experts in Engineering focused on Landscape Architecture
- ◆ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ◆ The practical exercises where the self-evaluation process can be carried out to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



*This academic program promises the required update of your knowledge for your growth and positioning within the industry"*

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*With TECH Technological University you will acquire the necessary skills to create environmentally sustainable public spaces that foster social interaction"*

The program's teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive training programmed to train in real situations.

The design of this program focuses on Problem-Based Learning, in which the professional will have to try to solve the different professional practice situations that will arise throughout the academic course. This will be done with the help of an innovative system of interactive videos made by renowned experts.

*Expand your knowledge and become an expert architect in the Public Space Design with this complete Postgraduate Certificate.*

*By being at the forefront in the field of Landscape Architecture, you will apply innovative techniques that only at TECH Technological University you will obtain.*



# 02

# Objectives

This university program is especially focused on providing the professional with the most current developments in the field of Landscape Architecture. In this sense, TECH Technological University provides a variety of tools for academic innovation, optimally realizing the program. At the end of this Postgraduate Certificate in Public Space Design, the student will have increased their knowledge in the harmonization in the management of public spaces and in specific concepts such as coordination of urban projects, urban planning, parks and gardens, infrastructure, coordination of urban works and Integrated Technical Office.





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*TECH Technological University's goal is you: don't think twice and take the opportunity to specialize in the field of Public Space Design with this Postgraduate Certificate"*



## General Objectives

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- ◆ Delve into the concepts and advanced principles of design applied to the landscape
- ◆ Develop visual representation and graphic communication skills in the field of Landscape Architecture
- ◆ Delve into the planning and execution of design projects in Landscape Architecture
- ◆ Approach different strategies for ecological conservation and restoration
- ◆ Differentiate and manage the processes of construction and execution of Landscape Architecture projects
- ◆ Integrate Landscape management strategies and practices to preserve the health and beauty of natural and built environments





## Specific Objectives

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- ◆ Deepen in the specific characteristics and requirements of public spaces, such as parks, squares and pedestrian walkways
- ◆ Evaluate user needs and environmental characteristics for the design of successful public spaces
- ◆ Discern between participatory and inclusive design techniques to involve the community in the public space design process
- ◆ Develop skills to create public spaces that encourage social interaction, recreation and community well-being



*Hone your skills in Landscape management strategies and practices to preserve the health and beauty of natural environments through 150 hours of the best theoretical, practical and additional content"*

03

# Course Management

The student will have the opportunity to access content developed by a qualified teaching team specialized in landscape design and management, green space design, graphic design and architecture. Their extensive knowledge and the solid background in the field of study will allow the graduate to have the opportunity to resolve doubts and answer questions that are generated during the 6 weeks of the academic program through the Virtual Campus.





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*With TECH Technological University you will have a specially qualified teaching staff with an emphasis on Landscape Projects and Infrastructure Planning and Development”*

## Management



### Dr. Schiavo, Fiorella

- ♦ Landscape Architect & Digital Landscape Leader at OVE ARUP & PARTNERS
- ♦ BIM Implementation Consultant at LAND Italia
- ♦ PhD in Geography from the University of Barcelona
- ♦ Master's Degree in Landscape Architecture by the Polytechnic University of Catalonia
- ♦ Master's Degree in Territorial Planning and Environmental Management by the University of Barcelona
- ♦ Master's Degree in BIM Programming from the University Isabel II
- ♦ Diploma in Architecture

## Professors

### Mr. Arroyo Vega, Óscar

- ♦ Co-Founder and Collaborator at COMMONAISM COLLECTIVE
- ♦ Landscape Architect specializing in AI and Data Science
- ♦ Master's Degree in Landscape Architecture from the Polytechnic University of Catalonia
- ♦ Master's Degree in Landscape and Public Space by the University of Granada
- ♦ Expert in Design Studies ESDi by the Ramon Llull University
- ♦ Expert in Physical Sciences from the University of Barcelona



# 04

# Structure and Content

This Postgraduate Certificate has been guided to the professional according to the most recent studies in the architectural field, establishing a syllabus that provides great content on Public Space Design. This program is designed to provide advanced knowledge regarding landscape design of squares and metropolitan integration. All this according to the series of audiovisual tools provided by TECH Technological University, which provide dynamism in the development of the academic program.





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*In this program, TECH provides a syllabus focused on personality and homogeneity in cities"*

## Module 1. Public Space Design. Cities of the Future

- 1.1. The State of Our City
  - 1.1.1. Preliminary Needs Study
  - 1.1.2. Studies: Population, Resources and Services
  - 1.1.3. Spatial Study
  - 1.1.4. Climate Study
  - 1.1.5. Urban Potential Study
- 1.2. Master Plans
  - 1.2.1. Integration of Landscape Master Plans in General Urban Development Plans
  - 1.2.2. Need for Sectoral Master Plans
  - 1.2.3. Accessibility Regulations
- 1.3. Typology of Spaces
  - 1.3.1. Identification of Existing Spaces. Squares, Streets, Parks
  - 1.3.2. Identification of Residual Spaces
  - 1.3.3. Study of Deficiencies and Advantages of Current Designs
  - 1.3.4. Definition of Future Solutions. Trend Application of 3-30-300
- 1.4. Personality and Homogeneity in Cities
  - 1.4.1. Singularized Study of Neighborhoods and Districts
  - 1.4.2. Cultural Components
  - 1.4.3. Sociological
  - 1.4.4. Historical
- 1.5. Style Guide
  - 1.5.1. Definition of Minimum Quality in Spaces
  - 1.5.2. Definition of Standardized Norms in Materials
  - 1.5.3. Components
  - 1.5.4. Definition of Facilities in the Service Management in Public Spaces
- 1.6. Harmonization in the Management of Public Spaces
  - 1.6.1. Coordination of Urban Projects
  - 1.6.2. Urban Planning, Parks and Gardens, Infrastructure
  - 1.6.3. Coordination of Urban works
  - 1.6.4. Integrated Technical Office





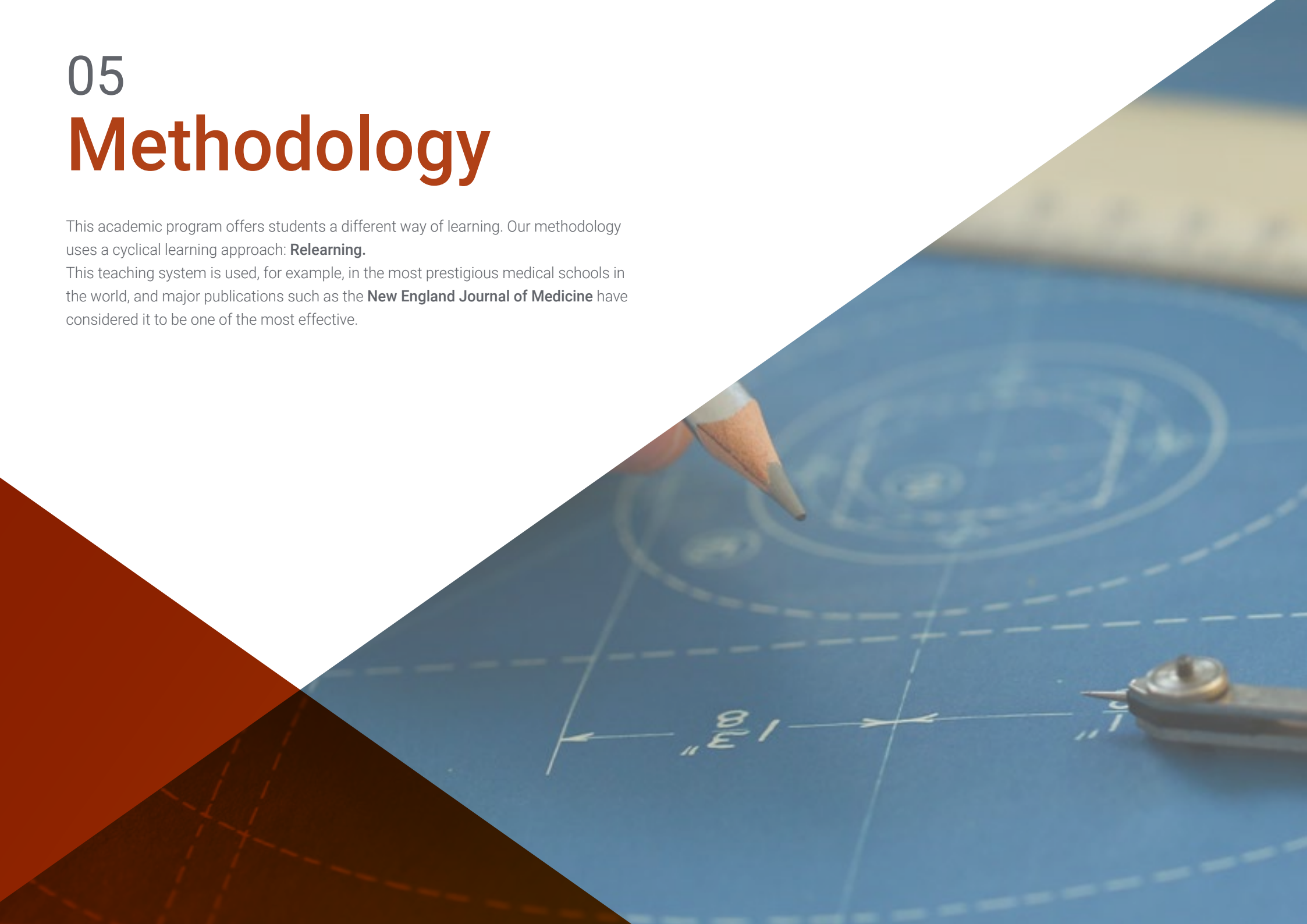
- 1.7. Landscape Design of Streets
  - 1.7.1. Typology of Existing Streets
  - 1.7.2. Definition of Needs
  - 1.7.3. Application of Accessibility Regulations
  - 1.7.4. Local Mobility Study
  - 1.7.5. Harmonization of Trees and Parking
  - 1.7.6. Landscape Reform Projects
- 1.8. Landscape Design of Squares
  - 1.8.1. Typology of Existing Squares
  - 1.8.2. Definition of Needs
  - 1.8.3. Application of Accessibility Regulations
  - 1.8.4. Local Mobility Study
  - 1.8.5. Social Needs Study
  - 1.8.6. Harmonization of Public Space and Parking
  - 1.8.7. Squares over Parking Lots
  - 1.8.8. Landscape Reform Projects
- 1.9. Landscape Design of Gardens and Parks
  - 1.9.1. Typology of Existing Gardens and Parks
    - 1.9.1.1. Distribution in the City
  - 1.9.2. Definition of Needs
  - 1.9.3. Application of Accessibility Regulations
  - 1.9.4. Local Mobility Study
  - 1.9.5. Social Needs Study
  - 1.9.6. Landscape Reform Projects
- 1.10. Metropolitan Integration
  - 1.10.1. Typology of Metropolitan Public Spaces
    - 1.10.1.1. Parks
    - 1.10.1.2. Landscape Wounds. Natural and Artificial
  - 1.10.2. Definition of Needs
  - 1.10.3. Identification of Territorial Barriers
  - 1.10.4. Local Mobility Study
  - 1.10.5. Social Needs Study
  - 1.10.6. Study of the Image of the City from the Accesses
  - 1.10.7. Green Rings. Expansion in the Territory
  - 1.10.8. Landscape Reform Projects

05

# Methodology

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.





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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## 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.

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*At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world"*



*You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.*



*The student will learn to solve complex situations in real business environments through collaborative activities and real cases.*

### A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. 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 professional reality is taken into account.

“*Our program prepares you to face new challenges in uncertain environments and achieve success in your career”*

The case method is the most widely used learning system in the best faculties in the world. 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 that you are presented with in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

## Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

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

*In 2019, we obtained the best learning results of all online universities in the world.*

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 university is the only one in the world authorized to employ 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.



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.

This methodology has 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, and financial markets and 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 training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for 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.



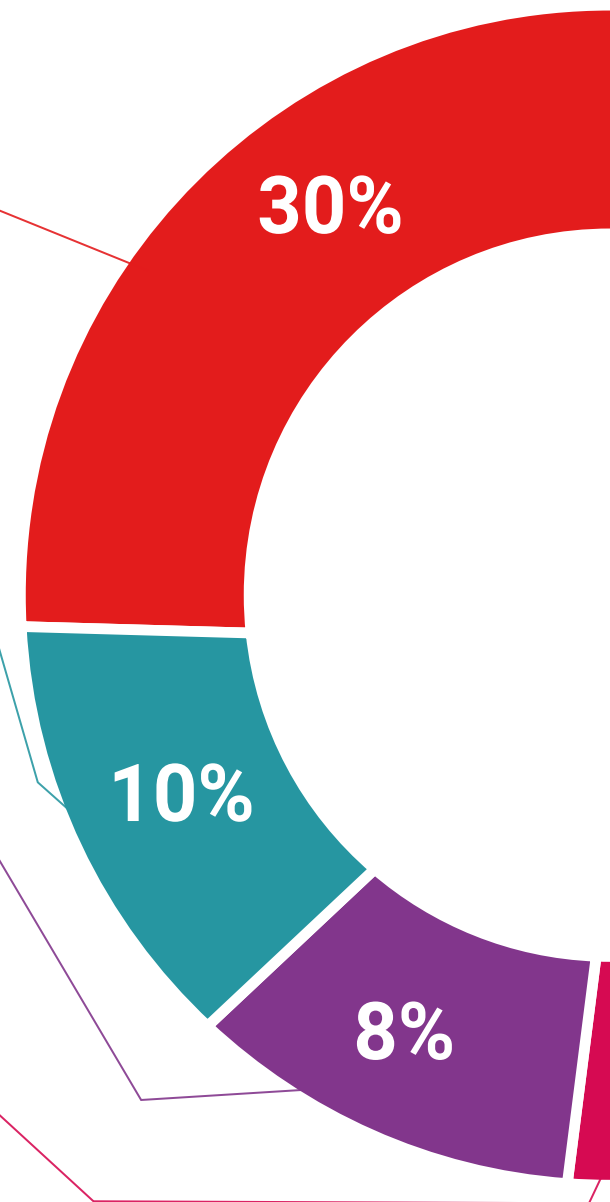
### Practising Skills and Abilities

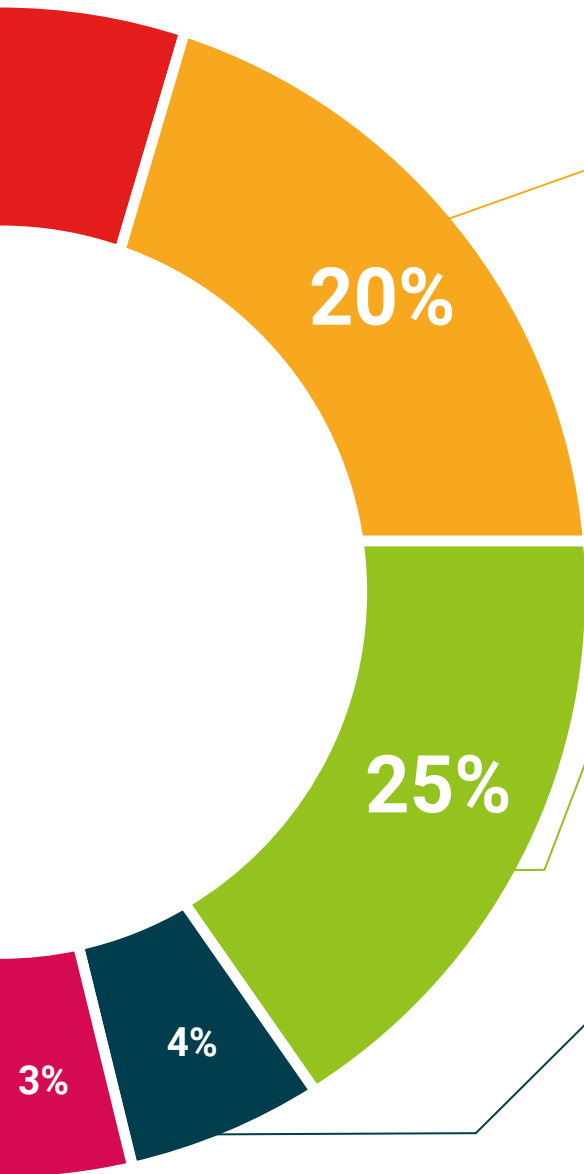
They will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.



### 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.





#### Case Studies

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 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.



06

# Certificate

The Postgraduate Certificate in Public Space Design guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





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*Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork”*

This **Postgraduate Certificate in Public Space Design** 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 diploma 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 Public Space Design**

Official N° of hours: **150 h.**



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

future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
development language  
virtual classroom



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