Postgraduate Certificate

Dynamization of Urban Green Zones

tech global university

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Postgraduate Certificate
Dynamization of Urban Green Zones

- Modality: **online**
- Duration: **6 weeks**
- Certificate: **TECH Global University**
- Credits: **6 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Website: **www.techtitute.com/us/engineering/postgraduate-certificate/dynamization-urban-green-zones**

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01

Introduction

In recent years there has been a new paradigm around the use and promotion of Urban Green Zones as a space for sports activities, improvement of neighborhood coexistence and leisure. An environment that in turn promotes ecological awareness and requires engineering professionals capable of generating infrastructures that meet these criteria and are masterfully adapted to the needs of current and future citizens. A challenge that will be much easier to face thanks to the completion of this 100% online program that will lead students to acquire a complete learning about the typology of dynamization, security measures to prevent vandalism and the generation of attractive proposals.

Delve into the problems and future challenges of Dynamization of Urban Green Zones thanks to TECH"

From the creation of skate parks, bio-healthy facilities, spaces for dogs to the largest infrastructures such as congress centers in Urban Green Zones are some of the alternatives for the revitalization of existing spaces in any modern city or city that aspires to keep its environments alive.

In this scenario, the role of the engineer is key, who must not only possess technical knowledge for the creation of elements and buildings, but must also know the options to regenerate areas, to promote new activities or diversity and inclusion. In this sense, this academic institution has developed this Postgraduate Certificate that leads the graduates to obtain a first class education thanks to the syllabus developed by renowned specialists in this field.

It is, therefore, a unique program that in a short period of time will allow students to delve into the typology of leisure activities: static, concessional and dynamic. In addition, through successful case studies, the students will be able to obtain a real vision of the implementation of certain actions. This teaching is complemented by the numerous additional pedagogical material, available at any time and accessible from any digital device with an Internet connection.

Also, thanks to the *Relearning*learning method, the students will consolidate in a much more effective way the concepts addressed, reducing in this way the long hours of memorization so frequent in other teaching systems.

A quality university program that is flexible and easy to take. Without the need to attend a center in person, and without scheduled classes, students can manage their study time more freely and reconcile this instruction with their daily personal activities.

This **Postgraduate Certificate in Dynamization of Urban Green Zones** contains the most complete and up-to-date program on the market. The most important features include:

- The development of case studies presented by experts in Resilient Infrastructures
- The graphic, schematic and practical contents of the book provide technical and practical information on those disciplines that are essential for professional practice
- Practical exercises where self-assessment can be used 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

You will be able to generate infrastructures that provide a real response to the leisure needs of the community in urban parks"

Connect whenever you want to the virtual platform and consult the most complete and current syllabus in Dynamization of Urban Green Zones"

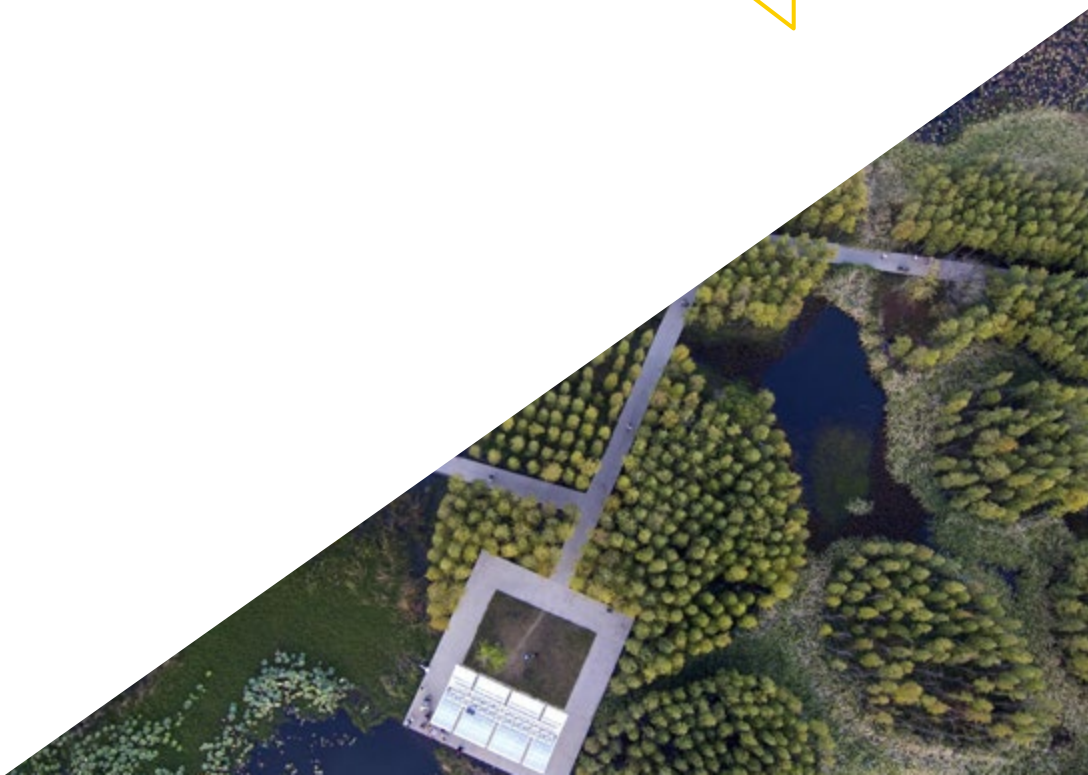
Further the implementation of security measures to prevent theft and vandalism.

Enhance the value of the different green spaces in urban areas through dynamic leisure activities.

The program's teaching staff includes professionals from 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 provide the professionals with situated and contextual learning, i.e., a simulated environment that will provide an immersive education programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professionals must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the students will be assisted by an innovative interactive video system created by renowned experts.



02

Objectives

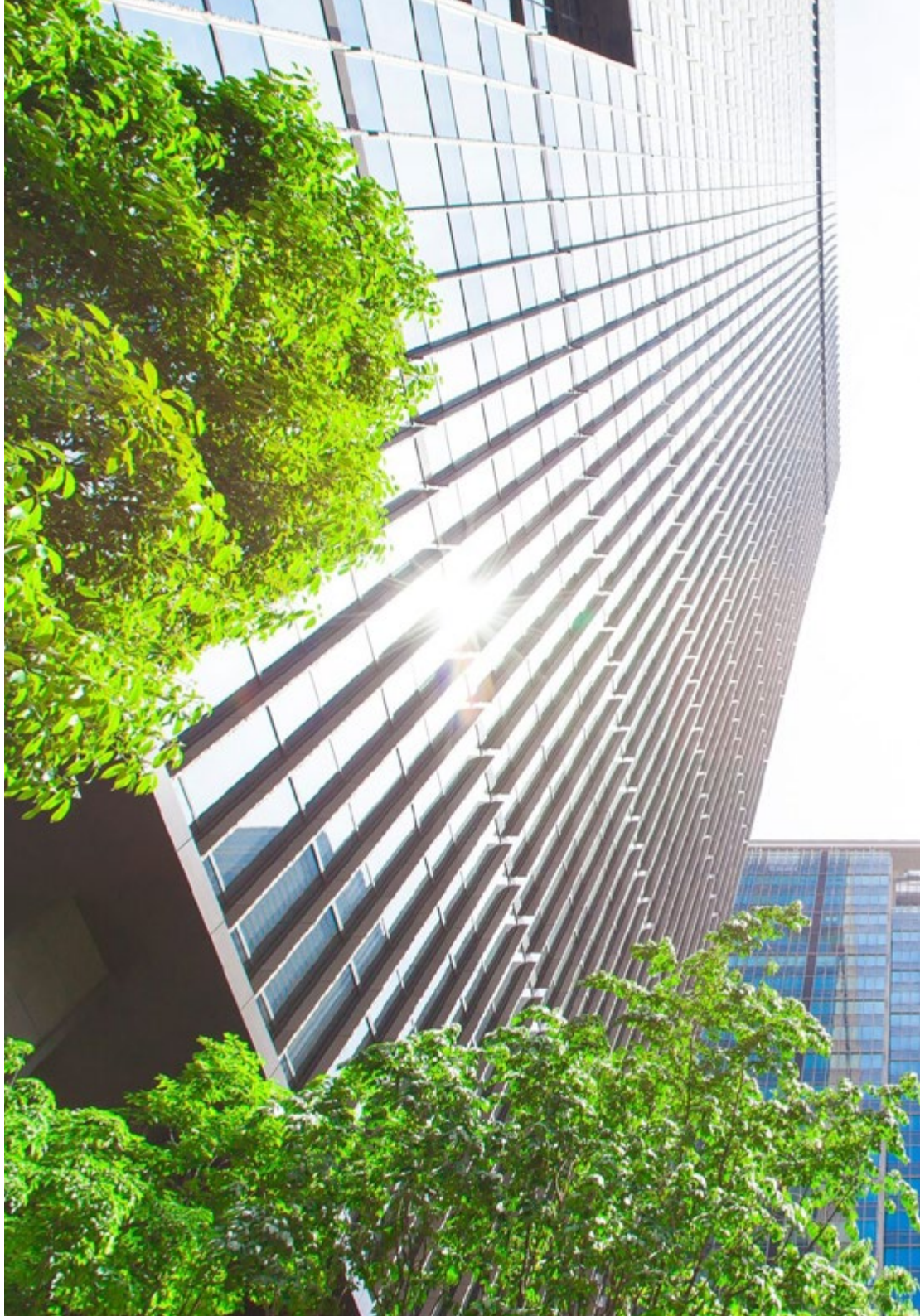
The design of the program has been conceived with the aim of offering the professional engineers a renewed and current vision on the value propositions that can revitalize Green Zones. A complete learning that will take you throughout 6 weeks to delve into the types of leisure, how to generate added value to an infrastructure and promote eco-management. In addition, thanks to the proximity of the teaching staff, students will be able to resolve any questions they may have about the content of this Postgraduate Certificate.

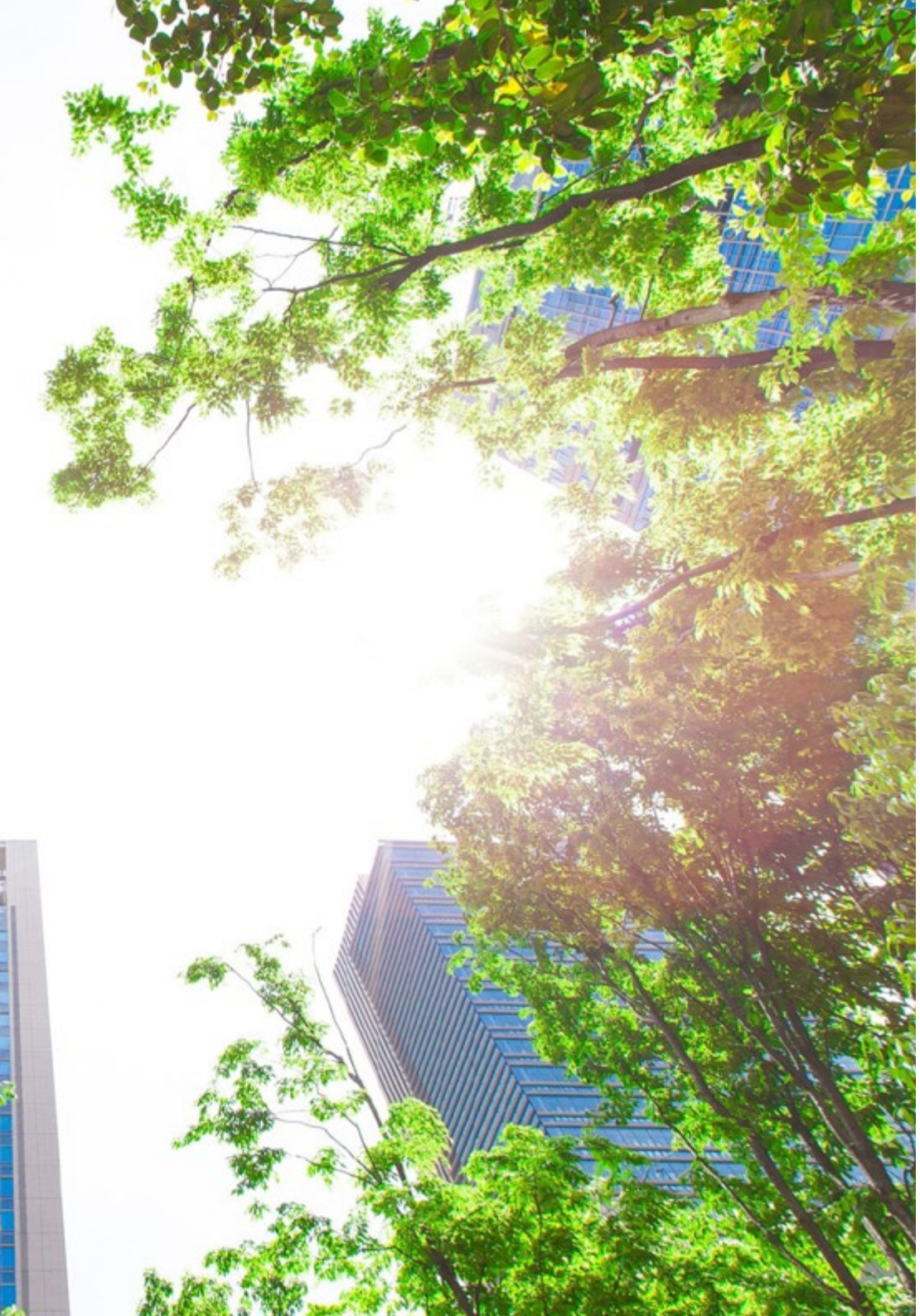
With this program you will have at your fingertips successful cases of leisure concessions of large infrastructures that you will be able to apply to your engineering practice"

General Objectives

- Substantiate the current context of Sustainable Urban Development
- Analyze the main global reference strategies for Sustainable Urban Development
- Protecting and promoting Urban Biodiversity
- Communicate through visualization of good environmental management
- Analyze different nature-based solutions as city transformers

You will gain the essential knowledge to enhance the eco-management of urban green infrastructures"





Specific Objectives

- Substantiate the dynamization as a vital part of an urban green area
- Analyze the different options that each green zone offers us
- Develop attractive and coherent proposals that are not supported by public entities
- Identify the weak points of a green infrastructure and mitigate them with dynamic proposals
- Analyze, in early projects, where private investment can act in a green infrastructure
- Determine which activities or facilities are likely to be implemented
- Evaluate the economic and social impact of the implemented leisure activities
- Analyze the small and large infrastructures to be installed in green areas, children's areas, use and maintenance
- Compile the different options offered by leisure in existing green spaces
- Demonstrate that properly implemented leisure is a saving for the public purse and a very beneficial source of attraction
- Examine the type of dynamic recreation that a green space can support

03

Course Management

In this Postgraduate Certificate, TECH has brought together a distinguished teaching staff in Urban Green Zones. Their experience in the sector and their extensive careers have made them leaders in the areas of project management of parks and public spaces. An extensive professional background that is reflected in this program that offers students the most advanced knowledge from the hands of real experts. In addition, thanks to its proximity, the graduates will be able to resolve any doubts they may have about the content of this instruction.

You will have at your disposal renowned specialists in the management of Urban Green Zones at national and international level"

Management

Mr. Rodríguez Gamo, José Luis

- Business Development Director at Green Urban Data
- Senior sustainability consultant for large companies and public administrations
- Manager of the Urban and Environmental Services Division of Grupo Ferrovial
- Manager of Climate Change and Biodiversity of Grupo Ferrovial
- Forestry Engineer from the Polytechnic University of Madrid
- Specialization in Silvopastoral Farming
- Postgraduate degree in Conservation and Maintenance of Urban Green Zones from the Polytechnic University of Madrid
- Executive Management Program by the Instituto de Empresa

Professors

Mr. Ipas, Alberto

- Managing Partner of Ocio en Verde
- Managing Director of the Public Spaces of the International Expo of Zaragoza
- Head of Operations of the Zaragoza Expo Water Park
- Commercial and Marketing Director of the Zaragoza Amusement Park
- CEO at Paintball Jungle Park Punta Cana
- Director of Animation and Operations at Manatí Park
- Professional Master's Degree MBA in Executive from the International Business School Columbus
- Professional Master's Degree MBA in Administration and Management of Renewable Energies by the Antonio de Nebrija University
- Professional Master's Degree in Emotional Intelligence and NLP by Euroinnova
- Certified Park Professional International by Indiana University, USA

04

Structure and Content

The syllabus of this Postgraduate Certificate has been designed with the objective of offering students an intensive learning of 180 teaching hours. For this purpose, TECH provides the graduates with multimedia pills, readings and case studies that will allow them to go deeper into the planning of the public-private collaboration of Green Zones, the different types of dynamization actions and the security elements for their preservation.

A study plan with a multitude of multimedia didactic content, accessible from any electronic device with an Internet connection"

Module 1. Dynamization of Green Zones

1.1. Planning for public-private partnerships in green spaces
- 1.1.1. 100% public investment in green areas
- 1.1.2. Mixed public-private investment in green spaces
- 1.1.3. Financial sustainability

1.2. The three types of leisure in green spaces
- 1.2.1. The three types of leisure: Static, Concessional and Dynamic
- 1.2.2. Economic impact on green spaces
- 1.2.3. Social impact on green spaces

1.3. Static leisure I: Children's areas
- 1.3.1. Location and environment
- 1.3.2. Accessibility and inclusion
- 1.3.3. Success for comfort
- 1.3.4. Selection of play elements
- 1.3.5. Safety flooring
- 1.3.6. Value of the playground
- 1.3.7. Materials and Environment
- 1.3.8. Applicable regulations according to country
- 1.3.9. Installation of the elements
- 1.3.10. Maintenance of playground equipment
- 1.3.11. Contracting procedure
- 1.3.12. Invoicing and payment

1.4. Static leisure II: Sporting uses
- 1.4.1. Outdoor gymnasiums
  - 1.4.1.1. Security/Safety
  - 1.4.1.2. Types of Apparatus, Modalities
- 1.4.2. Senior or Bio-healthy Parks
  - 1.4.2.1. Components
- 1.4.3. RunningTracks
  - 1.4.3.1. Design Rules
- 1.4.4. Skateboard, pump truck, parkour and similar parks
  - 1.4.4.1. Skate parks users
  - 1.4.4.2. Differences between Pump Truck and BMX
  - 1.4.4.3. Parkour Objectives

1.5. Static leisure III: Signage and Facilities
- 1.5.1. Classical signage
- 1.5.2. Virtual signage
- 1.5.3. Dog areas
  - 1.5.3.1. Design of dog areas
  - 1.5.3.2. Implementation of Improvement Measures
  - 1.5.3.3. Agility Park, Mixed Parks, and Dog Coexistence Zones

1.6. Concessionary Leisure I: Small infrastructures
- 1.6.1. Minor gastronomy and food trucks
- 1.6.2. Rental of bicycles, boats and the like
  - 1.6.2.1. Delimitation, Mobility and Insurance
- 1.6.3. Small bars, kiosks and cafes
  - 1.6.3.1. Logistics Required Services
- 1.6.4. Tourist train
  - 1.6.4.1. Routes, Conditions and Synergies
- 1.6.5. Handicrafts, souvenirs and the like
- 1.6.6. Guided tours Types
- 1.6.7. Other Occasional Leisure Activities

1.7. Concessionary Leisure II: Large infrastructures
- 1.7.1. Success and Failure Cases of Concessions
  - 1.7.1.1. Investments, Periods
  - 1.7.1.2. Failed Concessions
- 1.7.2. Large sports facilities. Synergies
- 1.7.3. Congress Centers, Auditoriums, Museums. Synergies
- 1.7.4. Congress Centers, Auditoriums, Museums. Synergies
- 1.7.5. Large restaurants, Events. Synergies
- 1.7.6. Other large Concessioned Spaces: Equestrian, Theater

1.8. Dynamic Leisure I: Small events
- 1.8.1. Volunteering and dynamization. Requirements
- 1.8.2. Citizen Participation Rental of space
  - 1.8.2.1. Outline of the Citizen Participation Process
  - 1.8.2.2. Small Format Rentals and Assignments
- 1.8.3. Workshops, school visits
- 1.8.4. Small actions: Low impact events
  - 1.8.4.1. White nights

1.9 Dynamic leisure II: Major Events
- 1.9.1. Major concerts or festivals
  - 1.9.1.1. Previous Analysis Final Decision Making
  - 1.9.1.2. List of Conditions
- 1.9.2. Popular races
  - 1.9.2.1. Pre and Post Organization
- 1.9.3. Fairs, street markets and similar
  - 1.9.3.1. Affections in Assemblies and Disassemblies
- 1.9.4. Other major events
  - 1.9.4.1. Affections to people and facilities

1.10. Management of Green Zones: Security/Safety
- 1.10.1. International Associations linked to Green Zones
- 1.10.2. Vandalism: Measurements
- 1.10.3. Safety in Parks
  - 1.10.3.1. Parallel damage
  - 1.10.3.2. Deliberate thefts
- 1.10.4. Ecological Management. Measures and Actions

Create spaces that promote sports activities for all publics in urban parks"

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.

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.

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

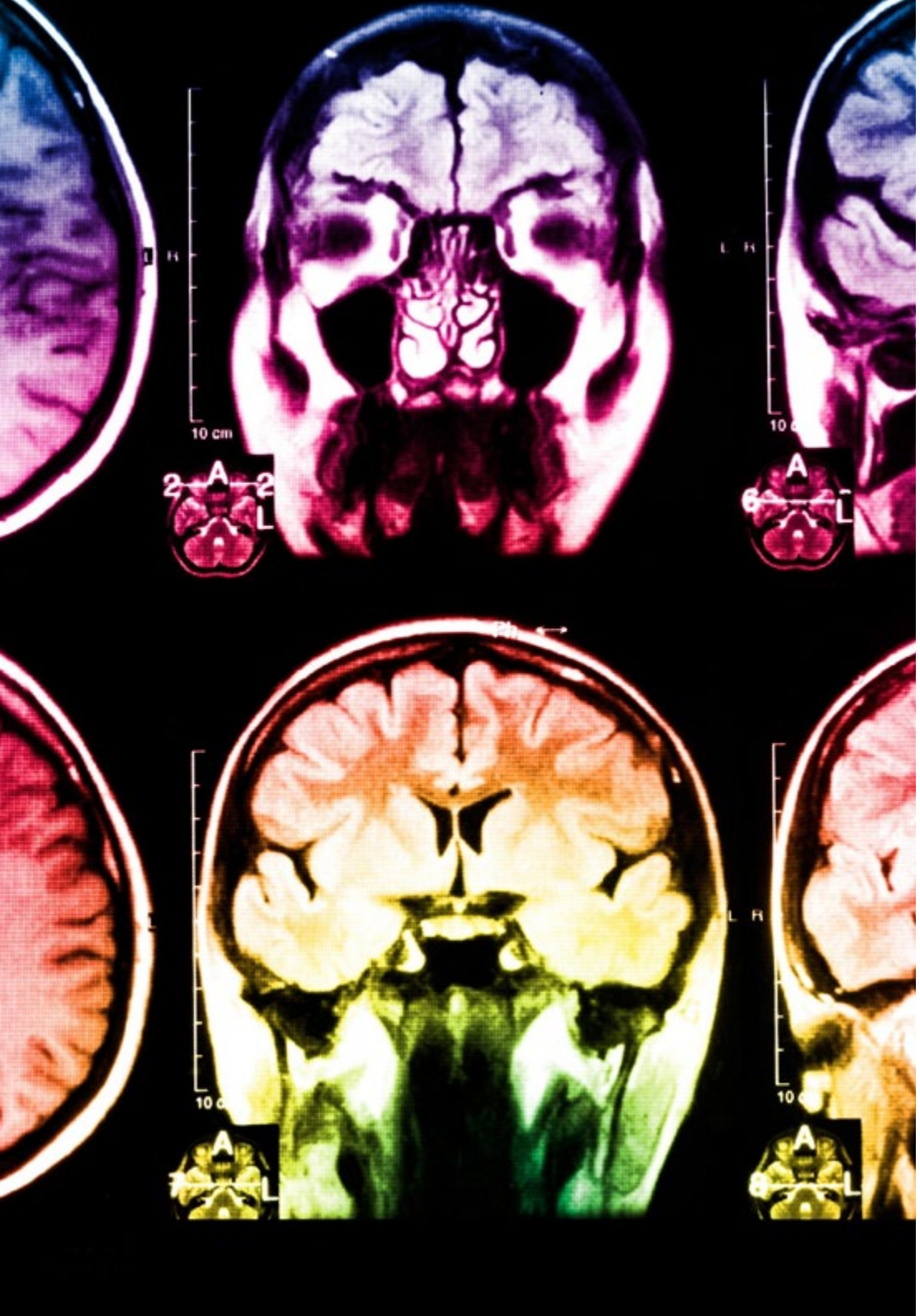
TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

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.

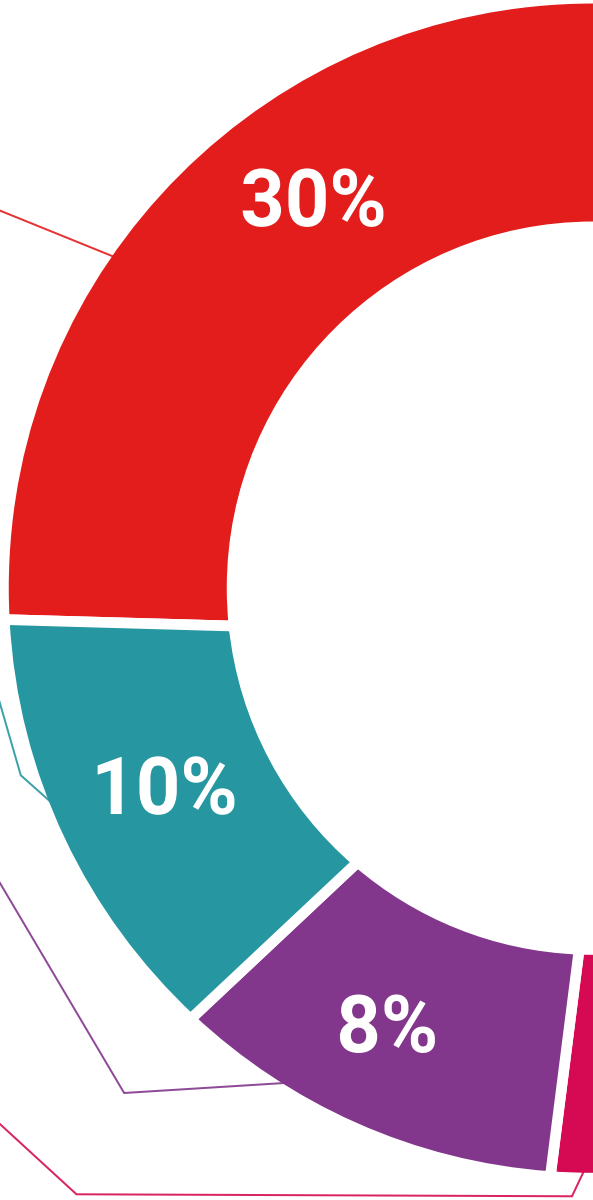
Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.

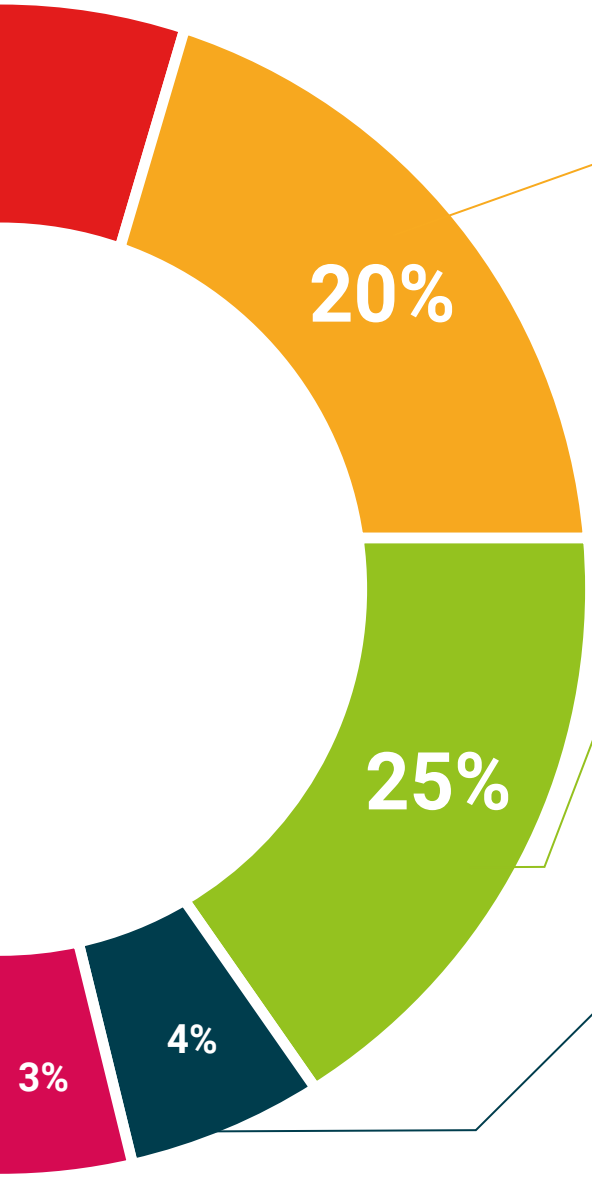
Practising Skills and Abilities

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 Dynamization of Urban Green Zones guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.

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

This program will allow you to obtain your **Postgraduate Certificate in Dynamization of Urban Green Zones** 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 Certificate in Dynamization of Urban Green Zones**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**

tech global university

Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Postgraduate Certificate in Dynamization of Urban Green Zones

This is a program of 180 hours of duration equivalent to 6 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

Dr. Pedro Navarro Illana
Rector

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country. Unique TECH Code: AFWORD23S techtitute.com/certificates

*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.

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