

# Postgraduate Certificate Green Space Conservation



## Postgraduate Certificate Green Space Conservation

- » 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/green-space-conservation](http://www.techtitute.com/us/engineering/postgraduate-certificate/green-space-conservation)

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# 01

# Introduction

Gardens, parks, green areas and trees are key elements in maintaining a good quality of life in cities and promoting people's well-being. Contact with natural areas in the city allows people to reflect, feel free, relax or reduce stress. For this reason, this field of study has gained great importance in recent years, which has led to the opening of this academic program designed for professionals, providing them with the best quality content on the environmental and social impacts associated with the intervention in green spaces. All this with an online pedagogical format and with a team of experienced teachers in Landscape Architecture.



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*This Postgraduate Certificate will lead you to acquire skills based on environmental sustainability benefiting all stakeholders"*

Green areas are an essential part of a project and contribute to the creation of spaces of coexistence, where the citizen enjoys an environmental and landscape quality higher than that of a mere urban project. Green spaces regulate temperature and humidity, producing oxygen and filtering radiation. They also absorb pollution and dampen noise. In fact, gardens have accompanied cities since their origins, being an integral part of the urban spaces that man has created over the years, raising the quality of life of human beings.

In this sense, research and man's workmanship has advanced to provide solutions to environmental issues, making professionals in Architecture to be at the forefront in this field of study that continues to change over time. In this way, this Postgraduate Certificate will provide the professional with updates in Green Space Conservation and aspects such as the integral maintenance of spaces and the management of protection.

The graduate will expand his knowledge in detailed areas related to the advanced concepts and principles of design applied to Landscape. On the other hand, it is a program with a highly qualified and experienced teaching staff, together with a multimedia content of the highest standards that offers a better experience to students for its dynamism and also has the convenience of the online mode.

TECH Technological University focuses its education on excellence, but at the same time on comfort, offering the latest and most complete developments in the sector, being cataloged as a program of great flexibility by only needing a device with internet connection and that way easily access the Virtual Campus from the comfort of the place where you are.

This **Postgraduate Certificate in Green Space Conservation** 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



*Be part of the change by strengthening your knowledge focused on the Green Space Conservation"*

“*You will implement innovative techniques that protect vegetation in the construction of landscape projects”*

The program includes in its teaching staff professionals of the field who pour into this training the experience of their work, in addition to recognized specialists from reference 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. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

*TECH Technological University offers you a better educational experience by providing you with audiovisual tools that provide dynamism in the course of the program.*

*First level education is at TECH Technological University with easy access to the virtual platform from the comfort of your home.*



# 02 Objectives

This academic program in Green Space Conservation has been created to provide the graduate with the latest updates in the field of Landscape Architecture. Therefore, TECH Technological University provides various technological tools, successfully consolidating the development of the program. At the end of this program the student will have increased their knowledge in green areamaintenance methods, such as pruning, pest and disease control,and biological waste management.



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*At TECH Technological University you will be at the forefront with exclusive content that you will carry in all your professional projects"*



## General Objectives

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- ◆ Deepen in 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
- ◆ Address 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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- ◆ Delve into the importance of conservation and proper management of green spaces in the Landscape Architecture context
- ◆ Evaluate the environmental and social impacts associated with the intervention in green spaces
- ◆ Analyze green space maintenance methods, such as pruning, pest and disease control, and green waste management
- ◆ Develop skills to assess and improve soil quality and plant health in green areas

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*You will achieve your goals thanks to the tools that TECH Technological University offers, and you will be accompanied along the way by the best professionals”*

03

# Course Management

Students will have access to material guided by a highly green space qualified teaching staff, specialized in landscape management and design, landscape projects, design in public parks, sports fields, among others. Their potential experience and solid knowledge will allow the professional to solve doubts or answer questions that may arise during the course of the program during the 6 weeks in which this Postgraduate Certificate is developed.



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*The extensive background and solid knowledge base of the teaching staff will be key to getting you off the ground in the professional field”*

## 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



# 04

# Structure and Content

This Postgraduate Certificate in Green Space Conservation has been oriented to the graduate according to the most rigorous studies in the architectural field, proposing a syllabus that provides advanced content in Landscape Architecture. This academic program is designed to provide specific knowledge regarding the minimum needs of resources in terms of quality, type of spaces and surface. This is in accordance with the important audiovisual tools provided by TECH Technological University provides in the development of this program.



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*This program provides several advantages, including innovative multimedia resources that complement learning”*

## Module 1. Conservation of Green Spaces

- 1.1. The State of Conservation of Green Spaces
  - 1.1.1. Status of the Service. Inventory of Personnel and Means and Relation with Surface Area and Typology
  - 1.1.2. Difference Between Public and Private Spaces
  - 1.1.3. Difference in Management According to Surface Areas
  - 1.1.4. Management System: Public-Private-Mixed
  - 1.1.5. Study of Current and Future Needs
- 1.2. Comprehensive Maintenance of Green Spaces
  - 1.2.1. Objectives
  - 1.2.2. Typology
  - 1.2.3. Principles
  - 1.2.4. Planning
- 1.3. Conservation Management
  - 1.3.1. Management Plan Elaboration
    - 1.3.1.1. Technical and Human Resources
    - 1.3.1.2. Financial resources
  - 1.3.2. Application Systems
  - 1.3.3. Human Resources Management
  - 1.3.4. Supply or Purchase Management
    - 1.3.4.1. Public Production Nurseries
    - 1.3.4.2. Plant Purchases
- 1.4. Public Parks and Gardens Services
  - 1.4.1. Service Structure
  - 1.4.2. Resources
  - 1.4.3. Roles and Responsibilities
  - 1.4.4. Integration or Independence in Supramunicipal Structures
  - 1.4.5. Strengths and Weaknesses
- 1.5. Park and Garden Service Companies
  - 1.5.1. Structure Depending on the Type of Customers. Public or Private
  - 1.5.2. Resources
  - 1.5.3. Roles and Responsibilities
  - 1.5.4. Integration or Independence in Construction Companies
  - 1.5.5. Strengths and Weaknesses





- 1.6. Conservation Work
  - 1.6.1. Description and List of Conservation Activities
  - 1.6.2. Chronology of Responsible Actions
  - 1.6.3. Human and Material Resources Required for Each Task
  - 1.6.4. Minimum Resource Requirements in Terms of Quality and Type of Space and Surface Area
  - 1.6.5. Programming and Annual Planning of Resources and Activities
- 1.7. The Trees
  - 1.7.1. Basic Arboriculture Concepts
  - 1.7.2. Conservation Work
  - 1.7.3. Pruning Trends and Errors
  - 1.7.4. Differences in the Evolution of Urban Trees in Public Spaces Depending on the Location
  - 1.7.5. Risk Assessment Systems
  - 1.7.6. Urban Tree Management Systems
  - 1.7.7. Master Plans for Urban Tree Planting
- 1.8. Landscaping Staff Training
  - 1.8.1. Gardening Schools
  - 1.8.2. Ongoing Training
  - 1.8.3. Specialty Programs
- 1.9. Quality of Service Management
  - 1.9.1. Objectives for the Customer, Public or Private
  - 1.9.2. Integrated Quality Plan
    - 1.9.2.1. Certification Standards
  - 1.9.3. Integrated Environmental Management Plan
  - 1.9.4. Certification Standards
  - 1.9.5. Waste Management
- 1.10. Risk Prevention
  - 1.10.1. Regulations
  - 1.10.2. Identification, Estimation
  - 1.10.3. Risk Assessment
  - 1.10.4. Risk Prevention Plan

# 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.



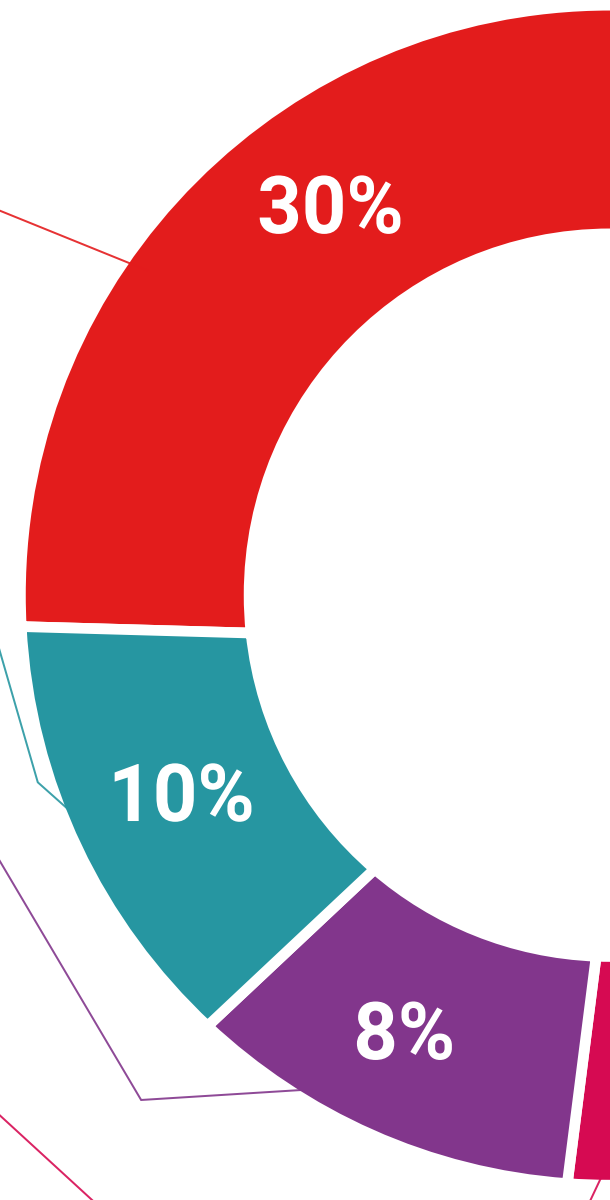
#### Practising Skills and Abilities

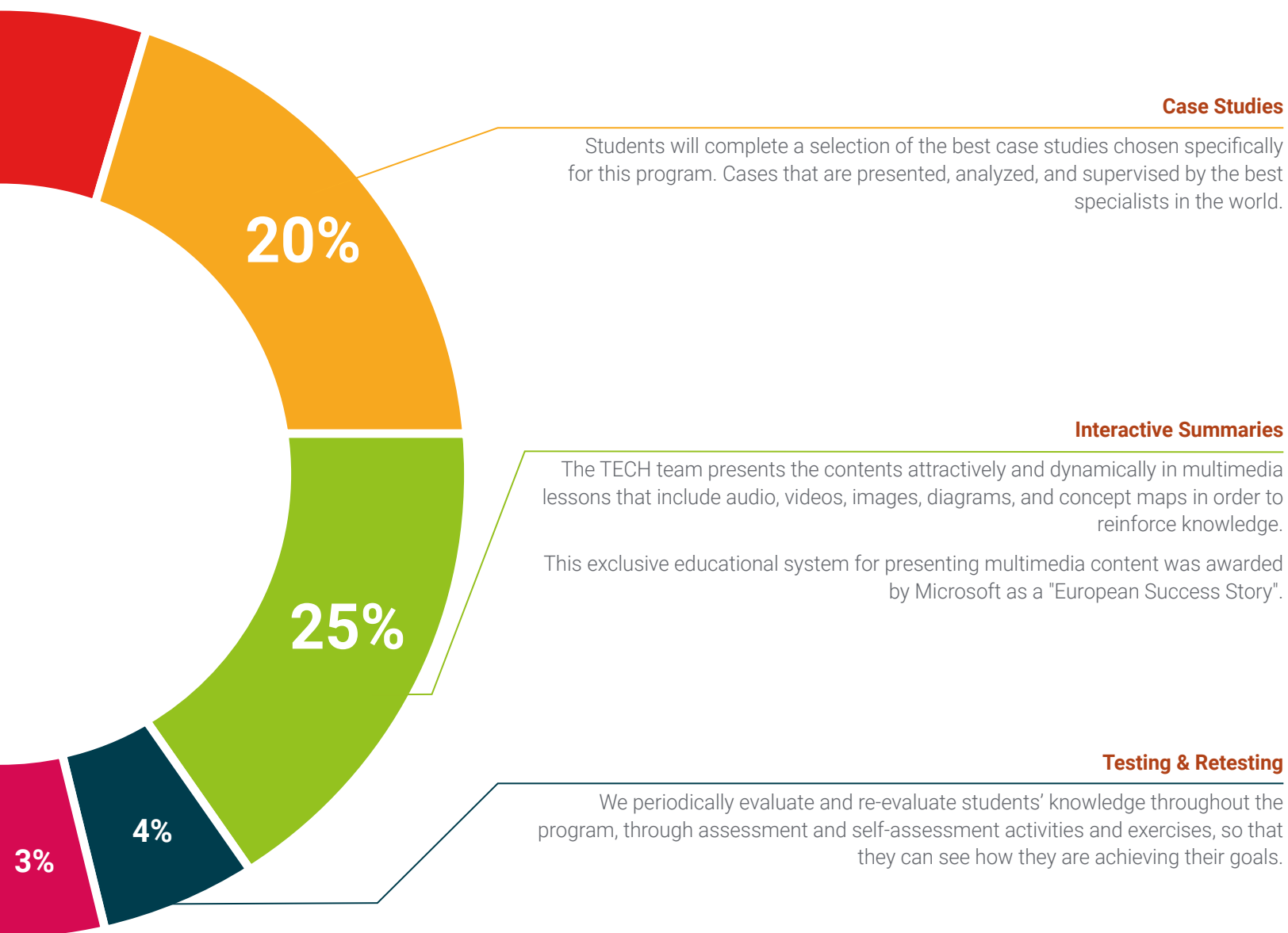
They will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.



#### 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 Green Space Conservation 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 Green Space Conservation** 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 Green Space Conservation**

Official N° of hours: **150 h.**



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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