Postgraduate Diploma
Spatial Planning

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Postgraduate Diploma
Spatial Planning

- Modality: **online**
- Duration: **6 months**
- Certificate: **TECH Global University**
- Credits: **18 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Website: **www.techtitute.com/us/engineering/postgraduate-diploma/postgraduate-diploma-spatial-planning**

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01

Introduction

Humans have developed their environment without taking into account, on many occasions, the imbalances that their activities and actions had on the rest of the ecosystem. The concept of Spatial Planning has attempted, from different areas, to combine this action with respect for the environment. Progress that is marked by increased environmental awareness and policies that call for a greater planning. In this context, it is essential to have highly qualified engineering professionals who are up to date with the latest developments in this field. That is why TECH has created this program that will deepen over 6 months in the diagnosis and restoration of the landscape, interdisciplinarity in environmental psychology or the use of Geographic Information Systems (GIS). Moreover, it is a 100% online the teaching format you can access whenever you wish from a computer with Internet connection.

Through this university program you will acquire the knowledge you need in land management to take a step forward in your professional career"

Far from the great visual impact, the degradation of resources and pollution, the new constructions and actions carried out by human beings have moved on to seek integration with the environment. This adaptation even proposes truly effective solutions that do not cause environmental deterioration or entail high maintenance costs for society.

Therefore, in the last decades, companies have been opting for environmental engineering, for the restoration and conservation of landscapes and for the improvement of techniques that contribute to a better integration of projects. All this would not be possible without proper spatial planning and management. For this reason, TECH has designed this Postgraduate Diploma, which provides engineering professionals with the most updated knowledge on the regulations governing the spaces, as well as the different tools and techniques used in the diagnosis of the landscape.

All this will be possible by using information developed by specialists in this field, which will allow students to delve into the evaluation of space according to the different parameters of quality, fragility and capacity, the influence of the environment on the perceived wellbeing or the evaluation of environmental impact.

Multimedia resources and case studies will be the main pedagogical tools available to the graduate in this program. Moreover, the *Relearning* method, used by this academic institution in all its programs, will allow them to shorten the long hours of study.

Therefore, students are offered a Postgraduate Diploma, which will lead them to a specialization that will boost their professional career in a sector that keeps growing and demands more and more qualified personnel. Therefore, students are offered a Postgraduate Diploma, which will lead them to a specialization that will boost their professional career in a sector that keeps growing and demands more and more qualified personnel.

This **Postgraduate Diploma in Spatial Planning** 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 of Environmental Engineering
- 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
- 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

This course will allow you to deepen your knowledge of the environmental impact of the landscape and the different methods for its restoration"

The Relearning system will help you progress more naturally through this university program and shorten the long hours of study. Enroll now"

Companies are looking for more and more qualified engineers. Enroll in this Postgraduate Diploma in Spatial Planning and get ahead.

Get into the latest Spatial Planning techniques from your computer or Tablet.

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 professionals to learn in a contextual and situated learning environment, i.e., a simulated environment that will provide immersive education programmed to prepare in real situations.

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

02

Objectives

This Postgraduate Diploma has been designed with the objective of boosting the professional careers of the engineers who take this program. In order to achieve this objective, TECH provides students with the most relevant and comprehensive information on the field of Spatial Planning, as well as a direct application in their daily work. In this way, upon completion of this program, students will be able to understand the psychological models used for the analysis of environmental problems or to know the policies, norms, plans and development programs.

TECH gives you the opportunity to study a Postgraduate Diploma 100% online and compatible with the most demanding responsibilities"

General Objectives

- Explain potential problems in building and validating models and sensitivity analyses
- Differentiate the sources of pollution found in ecosystems, both natural and anthropogenic, and toxin mobility between the different compartments of ecosystems
- Know the main methods used in risk assessment and environmental remediation strategies that have been developed to counteract the effect of pollutants
- Understand both intrinsic and extrinsic factors that affect compound toxicity and organism response to it
- Know the methods of environmental analysis used to assess, conserve and manage natural resources

Specific Objectives

Module 1. Environment and Society

- Know and understand the psychological models used for the analysis of environmental problems
- Develop a critical awareness of the potential articulation of the fields of research on environmental problems
- Learn about the reciprocal relationships between the individual and the socio-physical environment from the perspective of Environmental Psychology
- Acquire basic scientific, theoretical and methodological knowledge to implement psychosocial assessment and intervention programs for problems arising from the relationship of individuals with their physical space and environment

Module 2. Landscape Diagnosis and Restoration

- Present the concept of landscape in its different dimensions and its treatment in the regulatory context
- Understand the system underlying the landscape and the factors that determine the different types of landscape
- Understand the spatial dimension of landscape phenomena at different scales
- Define and characterize the different types of landscapes
- Learn how to evaluate the landscape in terms of quality, fragility and capacity of use according to its characteristics and using different techniques

Module 3. Spatial Planning and Environment

- Know the conceptualization and theoretical bases on which land use planning, models, plans, justifications, etc. are based
- Distinguish the evolution of land-use plans since they began to be systematically developed in the 20th century, up to present day
- Know the European legislation that regulates everything involved in spatial planning
- Know how to value natural resources, their management and conservation, when formulating policies, regulations, plans and development programs

This academic option will lead you to specialize in Spatial Planning easily thanks to its multimedia didactic resources"

03

Structure and Content

The syllabus of this university program has a theoretical-practical approach, which will allow graduates to deepen their knowledge of land management from a multidisciplinary point of view. For this, they have video summaries of each topic, videos in detail, case studies and specialized readings with which they can easily delve into environmental psychology, environmental identity and its relationship with the environment, the use of tools in the assessment of visual fragility or land planning.

This 100% online university program will allow you to master the methodologies used to develop a Spatial Development plan"

Module 1. Environment and Society

1.1. Environmental Psychology: Concept and Structure
- 1.1.1. Defining Characteristics of Environmental Psychology
- 1.1.2. Basic Concepts
- 1.1.3. Structure and Approaches of Environmental Psychology

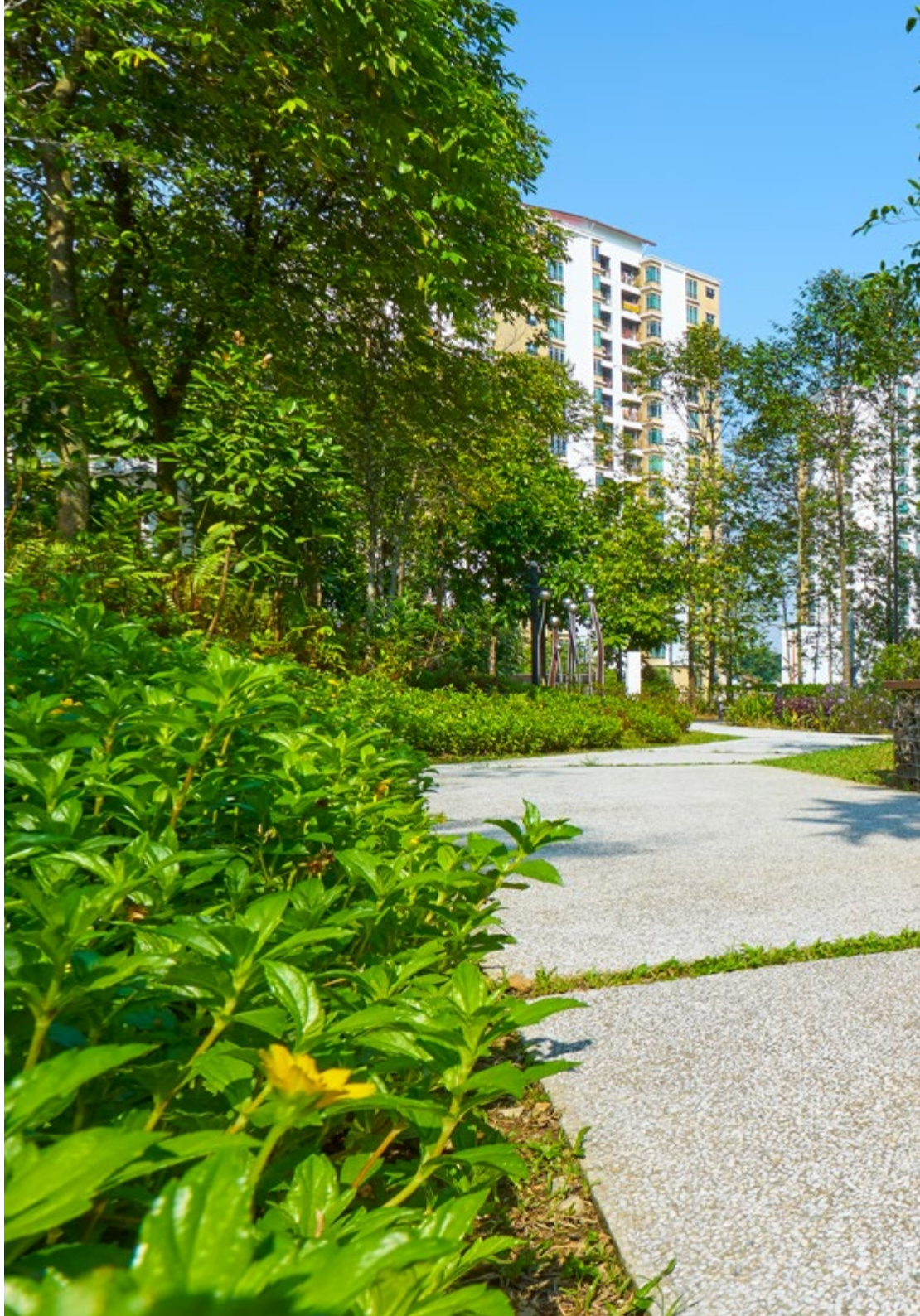
1.2. Environmental Identity and Relationship with the Environment
- 1.2.1. Environmental Identity: Concept and Structure
- 1.2.2. Environmental Identity as a Personal Psychological Construct
- 1.2.3. Human Relationship with the Environment and the Construction of Environmental Identity

1.3. Well-Being and Environment
- 1.3.1. Influences of the Environment on Perceived Well-Being
- 1.3.2. Factors Influencing Perceived Well-Being
- 1.3.3. Individual Differences in the Well-Being-Environment Relationship
- 1.3.4. Interventions on the Environment to Improve Well-being

1.4. Interdisciplinarity in Environmental Psychology
- 1.4.1. Approaches to Environmental Psychology
- 1.4.2. Environmental Psychology and Its Relation to Other Scientific Disciplines
- 1.4.3. Contributions and Evidence from Other Disciplines to Environmental Psychology

1.5. Beliefs, Attitudes and Behavior
- 1.5.1. Rule Formation
- 1.5.2. Frame Formation
- 1.5.3. Belief Formation
- 1.5.4. Influence of Personal Beliefs and Attitudes on Human Behavior
- 1.5.5. Interventions Based on Cognitive Restructuring or Behavior Modification

1.6. Risk Perception
- 1.6.1. Risk Assessment and Analysis
- 1.6.2. Influence of Risk Perception on Behavior
- 1.6.3. Interventions Aimed at Improving Risk Perception



1.7. Influence of Environmental Variables on Behavior
- 1.7.1. Evidence of the Relationship Between Environmental Variables and Human Behavior
- 1.7.2. Analysis of Variables: Description and Operationalization
- 1.7.3. Intervention Methods

1.8. Relations Between Physical Space and Behavior
- 1.8.1. Physical Space as a Social Environment
- 1.8.2. The Integrated Socio-Physical Environment
- 1.8.3. Relations Between Physical Space and Behavior

1.9. Assessment Techniques in Environmental Psychology
- 1.9.1. Environmental Assessments Based on Technical Indices
- 1.9.2. Environmental Assessments Based on Observational Indices
- 1.9.3. Evaluation of the Advantages and Disadvantages in the Use of Each Technique

1.10. Intervention Techniques in Environmental Psychology
- 1.10.1. Interventions Based on Environmental Variables
- 1.10.2. Interventions Based on Physical Variables
- 1.10.3. Interventions Based on Psychological Variables
- 1.10.4. Evaluation of the Advantages and Disadvantages in the Use of Each Technique

Module 2. Landscape Diagnosis and Restoration

2.1. Landscape Concept and Method
- 2.1.1. Conceptual Background and Current Dimensions of Landscape
- 2.1.2. Landscape: Conservation and Land Use Planning
- 2.1.3. Objectives and Methods of Work in Landscape: Types of Analysis

2.2. Landscape Analysis
- 2.2.1. Landscape Diversity Factors
- 2.2.2. Landscape Units
- 2.2.3. Landscape Delimitation

2.3. Landscape Classification
- 2.3.1. Natural Landscape
- 2.3.2. Cultural Landscape
- 2.3.3. Rural Landscape
- 2.3.4. Urban Landscape

2.4. Landscape Structure
- 2.4.1. Landscape Elements
- 2.4.2. Landscape Coverage
- 2.4.3. Landscape Geoform

2.5. Landscape Dynamics
- 2.5.1. Changes and Evolution of the Landscape
- 2.5.2. Natural Changes and Ecological Sequences
- 2.5.3. Environmental Problems in Landscape Dynamics

2.6. Landscape Diagnosis
- 2.6.1. Environmental Assessment of the Landscape
- 2.6.2. Environmental problems
- 2.6.3. Solutions to the Environmental Impact of the Landscape

2.7. Assessment of Visual Fragility
- 2.7.1. Definition of the Concept of Fragility
- 2.7.2. Elements Influencing Visual Fragility
- 2.7.3. Use of Tools in the Assessment of Visual Fragility The Use of GIS

2.8. Landscape Capacity
- 2.8.1. Concept of Capacity
- 2.8.2. Landscape Capacity to Buffer Environmental Impact
- 2.8.3. Landscaping Development

2.9. Fragility in Management
- 2.9.1. Concept of Fragility
- 2.9.2. Environmental Fragility of the Landscape
- 2.9.3. Environmental Problems Affecting Fragility

2.10. Environmental Impact of the Landscape
- 2.10.1. Consequences of Environmental Problems
- 2.10.2. Landscape Restoration Methods
- 2.10.3. Landscape Care in the Future

Module 3. Spatial Planning and Environment

3.1. Historical Precedents of Spatial Planning
- 3.1.1. The Dawn of Civilization
- 3.1.2. Formal Organization of Civilization
- 3.1.3. Current Situation

3.2. Methodology to Develop Spatial Planning Management Plans
- 3.2.1. Introduction
- 3.2.2. Preparation Phase
- 3.2.3. Informative Phase
- 3.2.4. Planning Phase
- 3.2.5. Management Phase
- 3.2.6. Methodological Approaches and Reference Methodologies

3.3. Analysis and Diagnosis of Territorial Systems
- 3.3.1. Spatial Scope of the Plan
- 3.3.2. Territorial Diagnosis
- 3.3.3. Analysis and Diagnosis of the Physical Environment

3.4. Preparation for the Planning Phase
- 3.4.1. SWOT Analysis
- 3.4.2. Foresight
- 3.4.3. Definition of Objective Systems

3.5. Spatial Planning I
- 3.5.1. Proposal Document Structure
- 3.5.2. The Target Image
- 3.5.3. Territorial and Non-Territorial Proposals

3.6. Spatial Planning II
- 3.6.1. Evaluation of Alternatives
- 3.6.2. Alternative Instrumentation
- 3.6.3. Environmental Impact Assessment as a Land Use Planning Tool

3.7. Environmental Impact Assessment (EIA)
- 3.7.1. Background
- 3.7.2. EIT Content
- 3.7.3. Features of a EIT
- 3.7.4. Fields of Application

3.8. Land Management
- 3.8.1. Managing Entity
- 3.8.2. Management Systems
- 3.8.3. Interim and Final Assessments
- 3.8.4. Joint Assessment of the Plan

Enroll now in a university program that will allow you to progress professionally through the latest content on land management and environmental impact assessment"

04

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

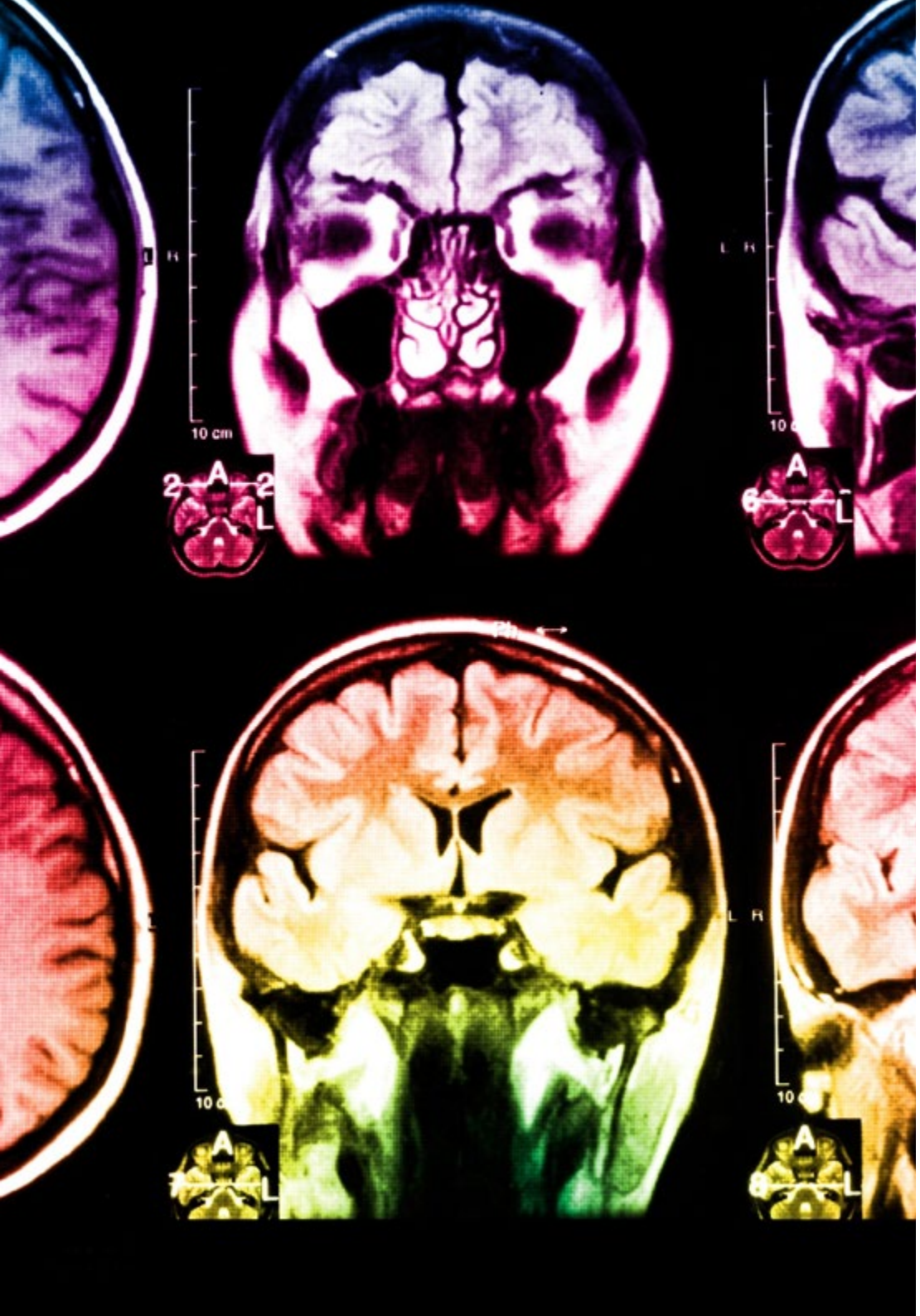
TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

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.

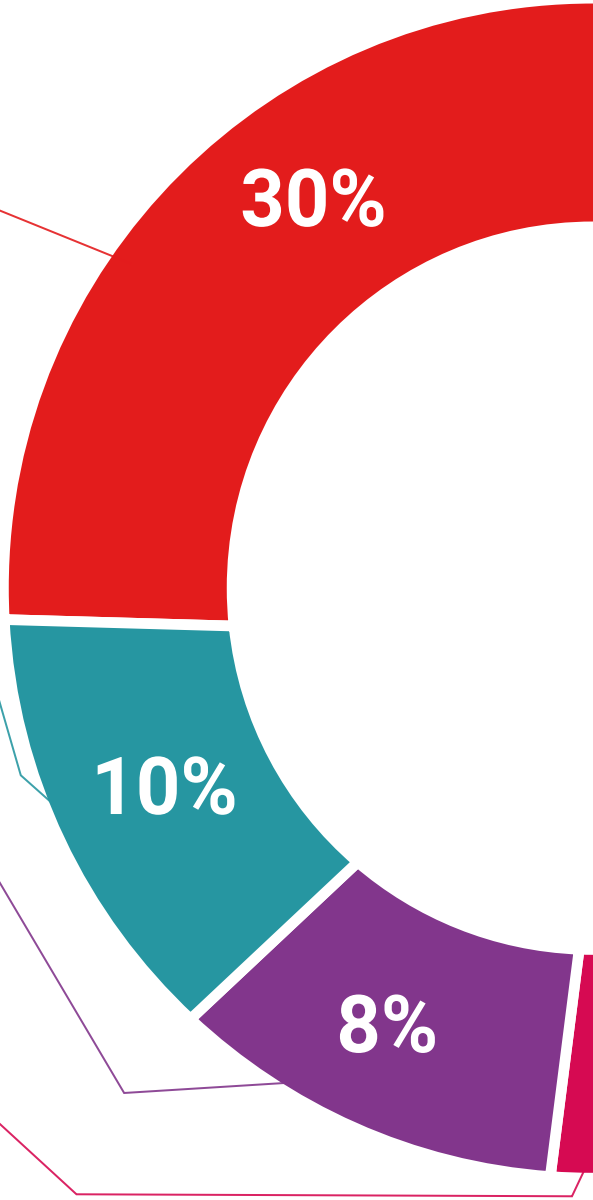
Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.

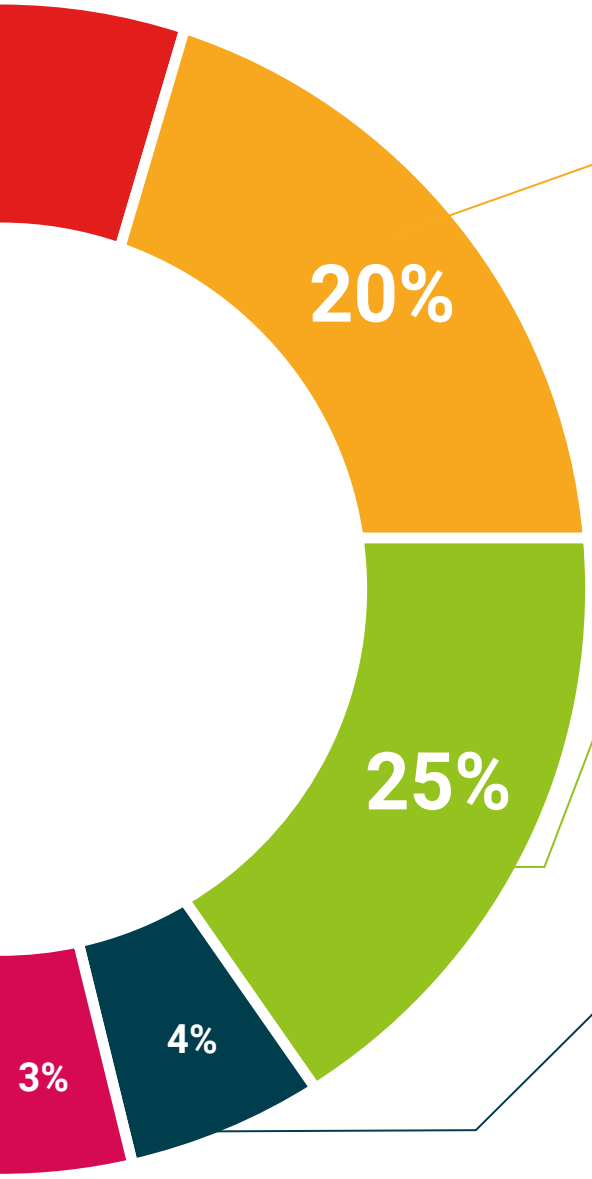
Practising Skills and Abilities

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.

05

Certificate

The Postgraduate Diploma in Spatial Planning guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma 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 Diploma in Spatial Planning** endorsed by **TECH Global University**, the world's largest online university.

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

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

Title: **Postgraduate Diploma in Spatial Planning**

Modality: **online**

Duration: **6 months**

Accreditation: **18 ECTS**


tech global university

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

Postgraduate Diploma in Spatial Planning

This is a program of 450 hours of duration equivalent to 18 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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