

# Postgraduate Certificate

## Environmental Policy and Education



## Postgraduate Certificate Environmental Policy and Education

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

Website: [www.techtute.com/us/engineering/postgraduate-certificate/environmental-policy-education](http://www.techtute.com/us/engineering/postgraduate-certificate/environmental-policy-education)

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# 01

# Introduction

The debate on environmental care has led to greater social awareness and has encouraged political leaders to work along the same lines: conservation and protection of the natural environment. This has led to the adoption of agreements, the development of environmental legislation and the implementation of educational initiatives. Engineering professionals must not be unaware of this reality, in which they must take an active role in the recovery of the landscape or in the development of projects that reduce pollution. To achieve this, you must have some knowledge of environmental policy, which you will be able to acquire in this exclusively online program. This will allow you to delve into economic activity and its impact on the environment, land use organization or strategies for the reduction of pollutant emissions, at any time and place.





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*This 100% online Postgraduate Certificate will allow you to move forward in your professional career as an engineer thanks to the extensive knowledge you will acquire in Environmental Policy and Education"*

The 2030 Agenda has laid out a roadmap, which is being followed by the vast majority of the world's countries involved in the reduction and elimination of pollution. A strategy, which has been adopted by society as a whole, and which in turn has repercussions on the adoption of measures to prevent environmental degradation by the business sectors. Environmental policies whose main purpose is sustainable development, and which require extensive knowledge not only of the existing problems, but also of the legal framework and the strategies to be implemented to solve them.

In this transition, the Engineering professional takes on a leading role, as they possess a multidisciplinary knowledge that can have a direct impact on the adequate achievement of projects, initiatives and actions derived from the different productive sectors. However, the graduate seeking to thrive in this field needs to be up to date with Environmental Policy and Education.

For this reason, TECH Technological University has created this Certificate, which will enable you to delve into the main existing legal instruments, as well as the promotion of the circular economy and corporate social responsibility in just 6 weeks. For this purpose, a library of multimedia resources is available that can be easily accessed at any time, from an electronic device with Internet connection.

This program is, therefore, an educational option with a theoretical-practical approach, designed to acquire advanced learning, which will lead them to progress in their professional career. In addition, the flexibility in the distribution of the course load allows the graduate to combine a quality university qualification with the most demanding responsibilities.

This **Postgraduate Certificate in Environmental Policy and Education** 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 the self-assessment 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



*Enroll now in a flexible educational option, designed for professionals who wish to combine quality education with their jobs"*

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*Take a step further in your professional career and acquire the knowledge you need about corporate social responsibility and the measures to be taken in favor of the environment”*

*TECH provides you with multimedia resources and case studies developed by environmental policy specialists. Enroll now.*

*This 100% online program provides you with the most relevant information on supporting the circular economy.*

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.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive education programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.



# 02 Objectives

The Engineering professional who pursues this university qualification will obtain, after 300 hours of study, the most advanced and exhaustive knowledge on Environmental Policy and Education. To achieve such objectives, TECH Technological University offers the most innovative and effective educational tools. In addition, you can access them 24 hours a day from a computer, Tablet or cell phone with Internet connection.







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*This university program will keep you up to date on today's major environmental issues: waste, water and food"*



## General Objectives

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- ◆ Acquire basic knowledge of science and use its results, integrating them with social, economic, legal and ethical fields for the identification of environmental problems
- ◆ Know basic models of pollutant dispersion and understand the functioning of pollution control networks
- ◆ Present the concept of landscape in its different dimensions and its treatment in the regulatory context
- ◆ Know, in general terms, the main aspects of environmental legal protection in different areas where legal-administrative intervention is applied

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*Thanks to the multimedia resources, you will be able to easily delve deeper into the policies applied in Environmental Assessment”*





## Specific Objectives

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- ◆ Know the model of Environmental Education
- ◆ Interpret reality from a systemic point of view
- ◆ Contextualize the critique of knowledge, relating theoretical principles with social, economic and ecological problems
- ◆ Apply ethical principles related to sustainability values in personal and professional behavior
- ◆ Know the political structure
- ◆ Master the regulation of environmental policy
- ◆ Identify the legal instruments of environmental policy
- ◆ Recognize the different policies applied in environmental assessment

# 03

## Structure and Content

The syllabus of this Postgraduate Certificate has been prepared to offer the most relevant and concise information on Environmental Education, sustainable development, existing regulations, lines of action planned through the 2030 Agenda or the instruments used for Environmental Impact Assessment. For this purpose, students have at their disposal video summaries, videos in detail or specialized readings, which will lead them to improve in their professional field.





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*A study plan designed to provide you with the most advanced and comprehensive knowledge of Environmental Policy and Education in just 6 weeks"*

## Module 1. Environmental Education and Social Practices

- 1.1. Organizational and Business Fundamentals
  - 1.1.1. Organizational Management
  - 1.1.2. Types and Structure of an Organization
  - 1.1.3. Standardization of Business Management
- 1.2. Sustainable Development: Business and Environment
  - 1.2.1. Sustainable Development. Objectives and Goals
  - 1.2.2. Economic Activity and Its Impact on the Environment
  - 1.2.3. Corporate Social Responsibility
- 1.3. Environmental and Energy Issues Scope and Current Framework
  - 1.3.1. Major Current Environmental Problems: Waste, Water and Food
  - 1.3.2. Energy Issues Demand, Consumption and Source Distributions
  - 1.3.3. Current Energy Projections
- 1.4. Competence and Regulatory Framework
  - 1.4.1. Legal Framework: The Five Producing Levels of Environmental Regulations
  - 1.4.2. Competence Framework: The Distribution of Competencies in Environmental Matters
  - 1.4.3. Public Actions and Competencies in Environmental Matters and Regulation of Classified Activities
- 1.5. European Summits and the Paris Agreement
  - 1.5.1. EU Climate Targets
  - 1.5.2. European Summits
  - 1.5.3. The Paris Agreement
- 1.6. The 2030 Agenda and the Sustainable Development Goals
  - 1.6.1. The 2030 Agenda: Background, Approval Process and Content
  - 1.6.2. The 17 Sustainable Development Goals (SDGs)
  - 1.6.3. SDG Compass Guide
- 1.9. Circular Economy
  - 1.9.1. The Circular Economy
  - 1.9.2. Circular Economy System Diagrams
- 1.10. Sustainability Reports
  - 1.10.1. Communication of Social Responsibility Management
  - 1.10.2. Non-Financial Reporting
  - 1.10.3. Preparing Sustainability Report Process According to GRI

## Module 2. Environmental Policy

- 2.1. Principles of Environmental Planning
  - 2.1.1. Introduction
  - 2.1.2. Environmental Planning of the Territory
- 2.2. Right to Information and Environmental Public Participation
  - 2.2.1. Introduction
  - 2.2.2. Right to Environmental Information
  - 2.2.3. Citizen Participation in Environmental Policy Issues
- 2.3. Land Use and Urban Organization
  - 2.3.1. Spatial Planning as a Policy Tool
  - 2.3.2. Policy and Urban Planning
- 2.4. Environmental Policy Regulations
  - 2.4.1. European Regulations
  - 2.4.2. Regulations in Latin America
  - 2.4.3. U.S. Environmental Regulations
- 2.5. Environmental Impact Assessment
  - 2.5.1. Legal Framework for Environmental Impact
  - 2.5.2. Environmental Impact Assessment. Analysis and Consequences
- 2.6. Scope of the Environmental Policy
  - 2.6.1. Introduction to the Application of the Environmental Policy
  - 2.6.2. History of Environmental Policy
  - 2.6.3. Enforcement of Environmental Policy
- 2.7. Environmental Impact Statement
  - 2.7.1. Introduction
  - 2.7.2. Environmental Impact
  - 2.7.3. Repercussions of Environmental Impact
- 2.8. Environmental Impact Assessment
  - 2.8.1. Introduction to EIA
  - 2.8.2. Environmental Impact Assessment (EIA)
  - 2.8.3. EIA Phases
- 2.9. Strategic Environmental Assessment
  - 2.9.1. Introduction to SEA
  - 2.9.2. Strategic Environmental Assessment (SEA)
  - 2.9.3. Phases of an SEA



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*Do you know the business implications of the 2030 Agenda? This Postgraduate Certificate will provide you with the keys you need. Enroll now”*

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.







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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.



05

# Certificate

The Postgraduate Certificate in Environmental Policy and Education 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 Environmental Policy and Education** 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 Environmental Policy and Education**

Official N° of Hours: **300 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

innovation

personalized service

knowledge present

online training

development

language

virtual classroom

**tech** technological  
university

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