

Postgraduate Certificate Education and Sustainable Development





Postgraduate Certificate Education and Sustainable Development

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

Website: www.techtute.com/us/education/postgraduate-certificate/education-sustainable-development

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01

Introduction

Education is developed in all areas in which human beings intervene. In the environmental field, the current situation makes it a priority to offer students in educational centers a broad and significant knowledge that will turn them into citizens aware of sustainability. In order to carry out this task, it is necessary to know and handle the new methodologies that have been developed in this field. This program is the largest compilation of the moment in terms of educational work focused on sustainability. A high quality tour that will be an incomparable boost for professionals.





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Learn how to develop in the classroom an environmental education that promotes students' civic awareness with this highly qualified Postgraduate Certificate"

Innovation is fundamental in the teaching process. The constant arrival of new methodologies and didactic tools offers possibilities for planning and approaching teaching that allow students to benefit from new ways of approaching and acquiring contents.

In the field of environmental education, these kinds of methodologies offer a field of work full of opportunities that turn this learning into something dynamic and interesting.

This Postgraduate Certificate will provide an extensive tour through the existing approaches, projects and resources to create a didactic approach that offers the teacher different ways to achieve the objectives set. With a totally contextual vision, it will allow to learn the strategies that really work, with their strengths and weaknesses and how to put them into practice.

With a study methodology that will allow you to perfectly combine this program with other obligations, in a process of maximum interest for the professionals that will add value to their work in any center.

This **Postgraduate Certificate in Education and Sustainable Development** contains the most complete and up-to-date educational program on the market. The most important features include:

- ♦ Practical case studies presented by experts
- ♦ 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



Advance your skills with a more innovative approach to environmental education and sustainable development"

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You will learn efficiently, with the most interesting study methods in online teaching”

The program includes in its teaching staff professionals from the sector who bring to this program their work experience, as well as recognized specialists from reference societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will allow professionals to learn in professionals a situated and contextual learning, 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 academic year. For this purpose students will be assisted by an innovative interactive video system developed by renowned experts.

You will delve into the different models of guidance and educational intervention, with the help of experts with extensive experience in the teaching sector.

Take the step and open a new avenue of development and growth in your career in teaching, specializing in Educational and Sustainable Development.



02

Objectives

With this Postgraduate Certificate in Education and Sustainable Development, students will learn how to program and deliver environmental education and to create and promote sustainability awareness in the educational center. In this process, professionals will be able to access the most complete knowledge of the different mental tools and materials that provide the necessary answers to promote the improvement of any institution in this sector.



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A complete process of professional growth that will provide you with the theoretical and practical tools necessary to be the reference figure in sustainability in any educational center"



General Objective

- ♦ Analyze and understand, with a local and global vision, the significant problems that hinder Sustainable Development and contextualize the educational needs arising from one of them



Get started to achieve in your center an ecological and sustainable vision that encourages students to grow up aware of the care of the planet"





Specific Objectives

- ♦ Understand and adopt the necessary competences for a quality teaching practice, based on the theoretical framework of education for Sustainable Development
- ♦ Reflect, reason, debate and argue about environmental values and purposes
- ♦ Communicate and educate efficiently to all types of recipients
- ♦ Develop the ability to present environmental problems from an effective, mature and skilled pedagogical perspective, by using the necessary pedagogical resources and techniques
- ♦ Know the current lines of research and current trends in environmental education
- ♦ Create, manage, develop and evaluate environmental education programs in different types of situations

03

Structure and Content

A structured curriculum based on efficiency, with an intensive and stimulating course of high quality. To create it, the most relevant and complete topics have been selected, with the most innovative and interesting methodologies of the moment. In an interesting way and with a constant and complete impact, it will allow professionals to grow from the first moment of the study.





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*Acquire a new way of working,
boosting your professional
development in the teaching field”*

Module 1. Education and Sustainable Development

- 1.1. Environmental Education
 - 1.1.1. Environmental Education: Definitions
 - 1.1.2. Environmental Education: Characteristics
 - 1.1.3. Foundations and Models of Environmental Education
 - 1.1.4. Political Aspects of Environmental Education
 - 1.1.5. Transversality and Transdisciplinarity: Concept and Characteristics
 - 1.1.6. Strategies for Developing Environmental Education
- 1.2. The Environmental Educator
 - 1.2.1. Profile of the Environmental Educator
 - 1.2.2. Functions of Environmental Educators
 - 1.2.3. Education of Environmental Educators
- 1.3. Perception of Environmental Education
 - 1.3.1. Introduction
 - 1.3.2. The Perceptions
 - 1.3.3. Environmental Perceptions
 - 1.3.4. Research on Environmental Perceptions
- 1.4. Animation Techniques and Resources in Education
 - 1.4.1. Itineraries and Activities in Nature
 - 1.4.2. Games and Group Dynamics
 - 1.4.3. Didactic Workshops
 - 1.4.4. Manuals and Guides
- 1.5. Research in Environmental Education
 - 1.5.1. Importance of Research in Environmental Education
 - 1.5.2. Basic Convictions on which the Research is Based
 - 1.5.3. Problems in the Object of Study in Environmental Education
 - 1.5.4. Commitments and Challenges



- 1.6. Development of Programs in Environmental Education
 - 1.6.1. Elements for Designing Environmental Education Programs
 - 1.6.2. Evaluation of Environmental Education Programs
 - 1.6.3. Conclusions
- 1.7. Tomorrow's Environmental Education
 - 1.7.1. Environmental Education as a Social Transformation
 - 1.7.2. Sustainable Development Goals
 - 1.7.3. Ecological Footprint
 - 1.7.4. Naturalizing the Classroom
- 1.8. Pedagogical Methods and Instruments for Environmental Education
 - 1.8.1. Materials and Methods of Environmental Education
 - 1.8.2. Proposal for Environmental Development
 - 1.8.3. SWOT Matrix for Environmental Education
- 1.9. Main Environmental Problems and their Causes
 - 1.9.1. Concept of Environmental Impact
 - 1.9.2. Main Environmental Problems and their Causes
 - 1.9.3. Waste: Origin, Types and its Problems
- 1.10. Sustainable Development and its Application in the School Environment
 - 1.10.1. Sustainable Development: Conceptualization
 - 1.10.2. Indicators of Sustainable Development
 - 1.10.3. From the Global to the Local
 - 1.10.4. Education in the Face of the Challenge of Sustainability
 - 1.10.5. Ethical Models to Promote Sustainable Development



Advance your career and position yourself in the top competitive positions in the labor market with this highly qualified Postgraduate Certificate"

04

Methodology

This training program offers 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"

At TECH Education School we use the Case Method

In a given situation, what should a professional do? Throughout the program students will be presented with multiple simulated cases based on real situations, where they will have to investigate, establish hypotheses and, finally, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method.

With TECH, educators can experience a learning methodology that is shaking the foundations of traditional universities around the world.



It is a technique that develops critical skills and prepares educators to make decisions, defend their arguments, and contrast opinions.

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Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”

The effectiveness of the method is justified by four fundamental achievements:

1. Educators who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process is solidly focused on practical skills that allow educators to better integrate the knowledge into daily practice.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life teaching.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

Our University is the first in the world to combine case studies with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, which represent a real revolution with respect to simply studying and analyzing cases.



Educators will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.

At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology we have trained more than 85,000 educators with unprecedented success in all specialties. 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 specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

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.

The overall score obtained by our learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



Study Material

All teaching material is produced by the specialist educators who teach the course, specifically for the course, so that the teaching content is really 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.



Educational Techniques and Procedures on Video

TECH introduces students to the latest techniques, with the latest educational advances, and to the forefront of Education. All this, first-hand, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



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 multimedia content presentation training Exclusive system was awarded by Microsoft as a "European Success Story".



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.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



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 your goals.



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.



Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



05

Certificate

The Postgraduate Certificate in Education and Sustainable Development guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



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*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 Education and Sustainable Development** 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 Education and Sustainable Development**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global 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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