

Postgraduate Certificate Philosophy and Experimental Science





Postgraduate Certificate Philosophy and Experimental Science

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 5 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitude.com/us/humanities/postgraduate-certificate/philosophy-experimental-science

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Structure and Content

p. 12

04

Study Methodology

p. 16

05

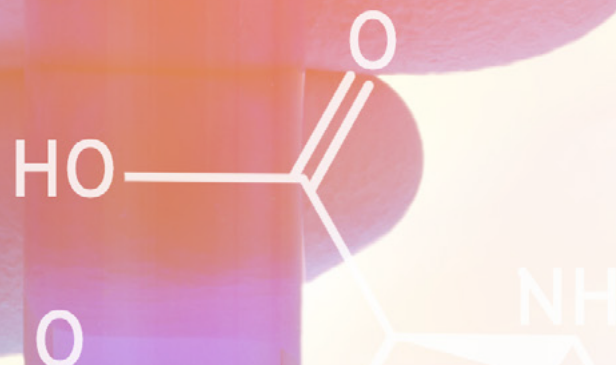
Certificate

p. 26

01

Introduction

Philosophy and science have been interconnected throughout history. This relationship has given rise to some of the most interesting and comprehensive schools of thought. Delve into this fascinating field with this comprehensive program in Philosophy and Experimental Science. Through an intensive training program, accessible entirely from your own computer, you will be able to learn effectively and comfortably. All with the assurance of the most prestigious online university in the world.



“

We offer you the most comprehensive Postgraduate Certificate in Philosophy and Experimental Science: an intensive learning experience that will provide you with the essential knowledge every well-prepared humanist should possess”

TECH Global University gives you the opportunity to incorporate the knowledge gained from this Postgraduate Certificate in Philosophy and Experimental Science into your academic training through a fully online learning experience. Moreover, with this Postgraduate Certificate, you will learn using the most effective systems available for mastering this field of study.

If you aspire to surpass yourself, achieve positive personal growth, connect with leading professionals, and become part of a new generation capable of excelling anywhere in the world, this is your path.

A Postgraduate Certificate fully compatible with other professional, personal, teaching, or academic commitments. Its system and teaching approach will flexibly adjust to student needs from beginning to end throughout the course. Consequently, the results are much more efficient since the study will not become an unbearable burden, but rather, a stimulating and easy challenge to undertake and bring to fruition.

This **Postgraduate Certificate in Philosophy and Experimental Science** contains the most complete and up-to-date program on the market.

The most important features include:

- ♦ Practical cases to apply the theoretical content to real life situations
- ♦ 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
- ♦ It contains practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Algorithm-based interactive learning system for decision making in the situations that are presented to the student
- ♦ Special emphasis on practical learning
- ♦ All of this will be complemented by 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 Postgraduate Certificate in Philosophy and Experimental Science will represent an unstoppable boost in your professional development. A far more competitive résumé, a more complete professional profile, and a deeper humanistic character”

“

At TECH Global University, training goes beyond the formal sphere — our goal is to prepare professionals who are competent not only on an academic level, but also on a personal, spiritual, and social one. Join a high-level learning community”

Our teaching staff is composed of active professionals and specialists in philosophy. In this way, we ensure the educational advancement and academic excellence we aim to provide. This multidisciplinary team of highly qualified and experienced professionals delivers theoretical knowledge efficiently while, above all, sharing the practical insights gained from their own experience: one of the distinguishing features of this Postgraduate Certificate.

With a space to exchange ideas, experience and reflections. Students will be able to share their learning experience through forums and other collaborative tools in a 100% online format.

We support you at all times thanks to an involved and committed teaching staff. The teaching team transmits their expertise of their professional performance, working from a real, lively and dynamic context. But above all, TECH explores students' critical side, their ability to question things, their problem-solving skills, as well as their interpersonal skills.

Quality in every area is our goal: in pursuit of both human and professional excellence.

Study with the largest university of the technological era and become part of an institution with a true vocation for service, attentive to the current needs of society as a whole and of each individual in particular.



02

Objectives

With this Postgraduate Certificate in Philosophy and Experimental Science, you will gain essential knowledge in the study of this discipline, enjoying the benefits of a specialization designed to maximize the efficiency of your work time.



“

You will acquire the competencies of this Postgraduate Certificate while working in full alignment with your own needs: because time, effort, and place are always decided by you”



General Objectives

- ♦ Acquire a rigorous philosophical method, shaped by the order in thought and the capacity for dialog, as well as putting it into practice
- ♦ Possess the adequate tools to study philosophical subjects
- ♦ Conduct fruitful scientific work
- ♦ Structure the various philosophical contents that will become evident in daily work environments
- ♦ Develop a mental structure and an appropriate conceptual background that forges a philosophical criterion rooted in the Christian tradition, with its own principles, methods and contents
- ♦ Shape students' specific identity as Christian thinkers



“

Reach the highest levels of humanistic knowledge by incorporating the insights from our programs into your professional strengths – don't miss this opportunity to advance to the next level”

03

Structure and Content

The Postgraduate Certificate in Philosophy and Experimental Science presents a structured exploration of the fundamental principles of this branch of philosophy throughout a comprehensive academic program. This knowledge will be essential for achieving excellence within the humanistic field. The teaching program responds to their needs through innovative content based on the latest trends in philosophy. A teaching staff who has an absolute mastery of the subject will become the essential guide to learn, in a fluent and consolidated manner, the routines of this subject.



“

This comprehensive Postgraduate Certificate will guide you through a well-structured and complete academic program, enabling you to achieve your training goals effectively”

Module 1. Philosophy and Experimental Science

- 1.1. Science and Its Characterization
 - 1.1.1. From a Current Definition of Science
 - 1.1.2. The Different Levels in Science
 - 1.1.3. Features of Experimental Sciences
- 1.2. The Scientific Method and Its Methods
 - 1.2.1. Possible Methods and Their Scope
 - 1.2.2. Building the Scientific Object: Concepts, Models, Statements and Theories
- 1.3. Philosophy in Science
 - 1.3.1. Not a Reflexion on Science, but of Its Contents
 - 1.3.2. Philosophy and Physics
 - 1.3.2.1. Matter: Aristotle vs. Contemporary Science
 - 1.3.2.2. Movement Aristotle vs. Contemporary Science
 - 1.3.2.3. New Astronomy, New Metaphysics and the Opposition
 - 1.3.2.4. God and the World
 - 1.3.3. Philosophy and Biology
 - 1.3.3.1. What Is Life?
 - 1.3.3.2. The Controversy over Spontaneous Generation: from Aristotle to Pasteur
 - 1.3.4. Philosophy and Chemistry
 - 1.3.4.1. Lavoisier and the Chemical Element
 - 1.3.5. The Metaphysics of Chemical Entities





“

Our academic program has been developed with the collaboration and guidance of TECH Global University's panel of experts in this field, with the goal of helping you reach the highest level of competence in this discipline”

04

Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



“

TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

“

*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“

TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule"

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

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
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.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

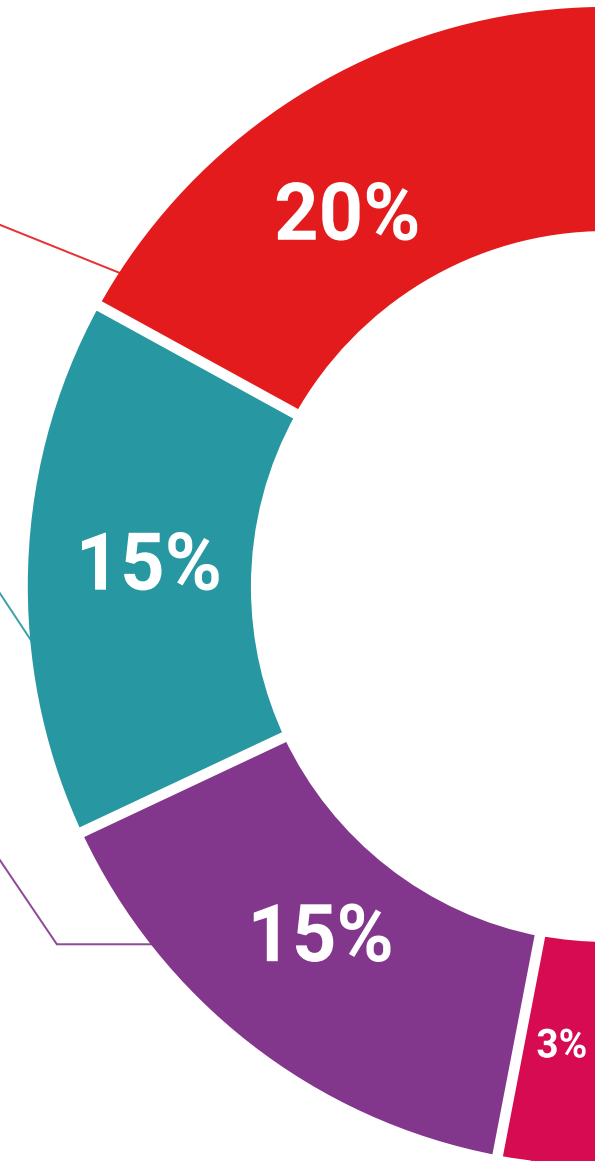
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

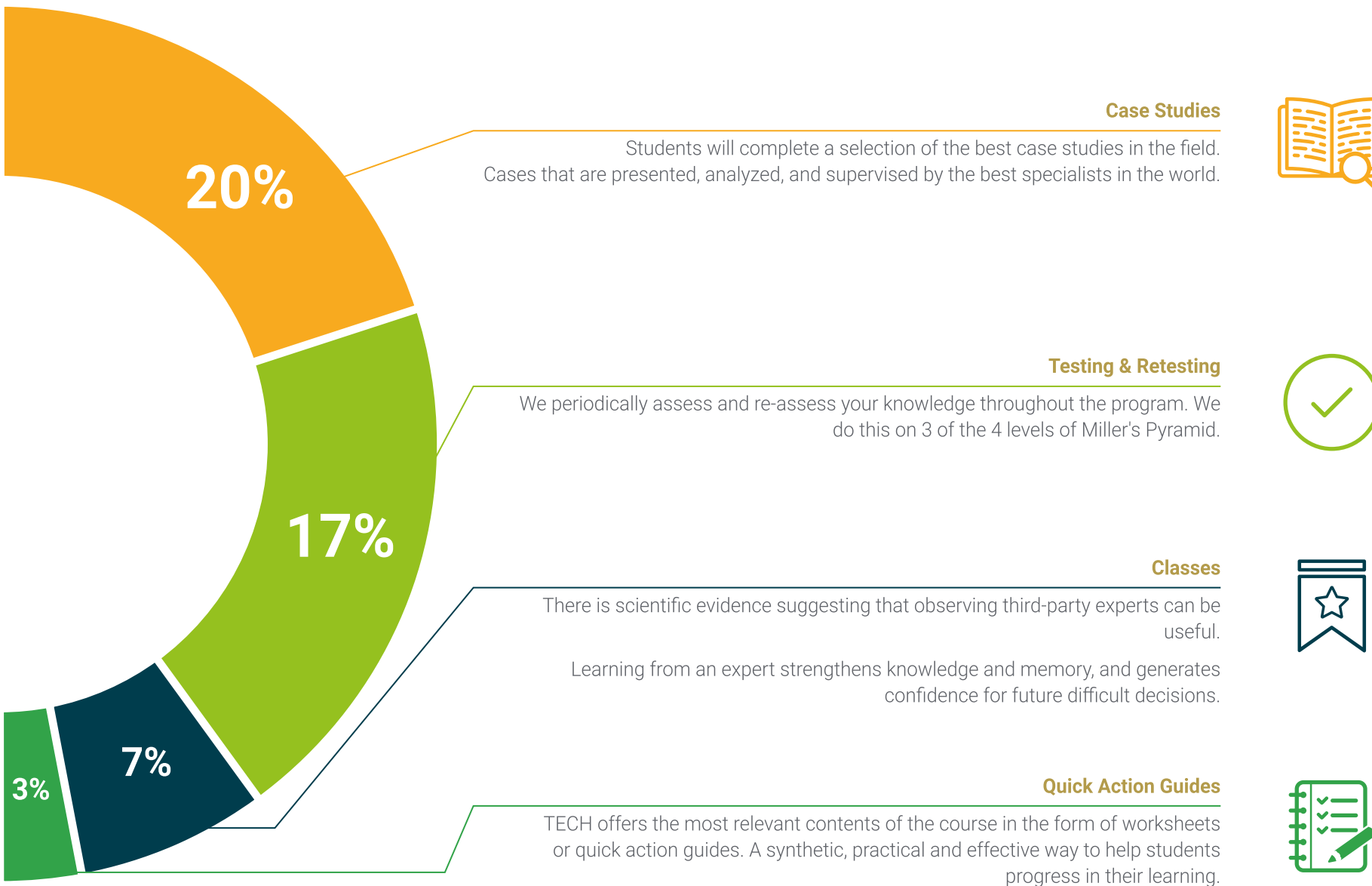
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





05 Certificate

The Postgraduate Certificate in Philosophy and Experimental Science guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the 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 private qualification will allow you to obtain a diploma for the **Postgraduate Certificate in Philosophy and Experimental Science** 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** private qualification, 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 Philosophy and Experimental Science**

Modality: **online**

Duration: **6 weeks**

Accreditation: **5 ECTS**





Postgraduate Certificate Philosophy and Experimental Science

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 5 ECTS
- » Schedule: at your own pace
- » Exams: online

Postgraduate Certificate Philosophy and Experimental Science

