

# Postgraduate Certificate

## Biocides in Community Pharmacy



## Postgraduate Certificate Biocides in Community Pharmacy

- » Modality: online
- » Duration: 8 weeks
- » Certificate: TECH Global University
- » Credits: 4 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/pharmacy/postgraduate-certificate/biocides-community-pharmacy](http://www.techtute.com/us/pharmacy/postgraduate-certificate/biocides-community-pharmacy)

# Index

01

[Introduction](#)

---

*p. 4*

02

[Objectives](#)

---

*p. 8*

03

[Course Management](#)

---

*p. 12*

04

[Structure and Content](#)

---

*p. 18*

05

[Methodology](#)

---

*p. 22*

06

[Certificate](#)

---

*p. 30*

01

# Introduction

The skin is the largest organ of the body and constitutes a large part of our image in the eyes of others. In fact, consultations on skin problems are among the most numerous in primary care.







“

*This Postgraduate Certificate in Biocides in Community Pharmacy is the most complete and up-to-date scientific program on the market”*

In this sense, on many occasions the community pharmacy becomes the first step in the chain of care for patients with dermatological problems, many patients who, due to lack of time, convenient accessibility or because of trust or other issues, choose community pharmacists as the first health professional to address their problems, including dermatological problems and skin care. This is largely due to the fact that patients obtain an effective solution thanks to the advice of pharmacy specialists. In fact, according to a SEFAC study conducted in 2014 among 334 patients throughout Spain, 61% of consultations on pathologies related to dermatological problems attended by pharmacists are resolved without the need for patients to be referred to a primary care physician or a specialist, demonstrating the enormous potential community pharmacy has in the prevention, detection and treatment of pathologies related to dermatological problems.

On many occasions, when patients are faced with dermatological problems, they often go first to the pharmacy for advice before turning to their family physician or directly to a dermatologist.

The community pharmacist, the health professional closest to the population, plays a fundamental role in the approach and prevention of minor skin problems of frequent occurrence.

The need for this program is based on the widespread ignorance of dermatological pathologies, to which patients tend to attach less importance than to other ailments, erroneously imbued with the belief that skin care should be limited to photoprotection. This lack of skin care is both a challenge and an opportunity for the community pharmacist.

This Postgraduate Certificate is made up of several modules developed by a team of community pharmacists belonging to the Spanish Society of Family and Community Pharmacy (SEFAC), national leaders in each subject matter. These topics include an up-to-date review of the treatment of most of the dermatological pathologies that can reach a community pharmacy, some of them agreed with medical scientific societies.

This **Postgraduate Certificate in Biocides in Community Pharmacy** is the most complete and up-to-date scientific program on the market. The most important features of the program include:

- ◆ More than 75 clinical cases presented by experts in community Biocides in Community Pharmacy.
- ◆ The graphic, schematic, and eminently practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional.
- ◆ Diagnostic-therapeutic developments in assessment, diagnosis, and treatment of Biocides in Community Pharmacy.
- ◆ Contains practical exercises where the self-evaluation process can be carried out to improve learning.
- ◆ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course.
- ◆ With special emphasis on evidence-based medicine and research methodologies in Biocides in Community Pharmacy. All this will be complemented with theoretical lessons, questions to the expert, discussion forums on controversial issues and individual reflection papers.
- ◆ Availability of content from any fixed or portable device with an internet connection.



*Expand your knowledge through the Postgraduate Certificate in Biocides in Community Pharmacy in a practical way adapted to your needs"*

“ *This Postgraduate Certificate may be the best investment you can make in the selection of a refresher program for two reasons: in addition to updating your knowledge of Biocides in Community Pharmacy, you will obtain a qualification from TECH Global University*”

Its teaching staff includes professionals from the field of Biocides in Community Pharmacy who bring the experience of their work to this training, as well as renowned specialists belonging to leading scientific societies.

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 an immersive training program to train in real situations.

The design of this program is based on Problem-Based Learning, by means of which the health professional must try to solve the different professional practice situations that arise throughout the program.

For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and experienced experts in Biocides in Community Pharmacy.

*Increase your confidence in decision making by updating your knowledge through this program.*

*Seize the opportunity to update your knowledge in Biocides in Community Pharmacy and improve your patient care.*





02

# Objectives

This Postgraduate Certificate in Biocides in Community Pharmacy is oriented to offer a complete, detailed and updated vision of the Biocides in Community Pharmacy as a key element in the attention and monitoring of pharmacy customers.





“

*This Postgraduate Certificate is designed for you to update your knowledge of Biocides in Community Pharmacy, using the latest educational technology, to contribute quality and safety to decision-making in Biocides in Community Pharmacies”*



## General Objectives

---

- ♦ The Postgraduate Certificate in Biocides in Community Pharmacy offers a complete and detailed vision of dermatological care in Community Pharmacies from an eminently practical point of view.
- ♦ Update and reinforce the knowledge in dermatology necessary to perform a correct pharmaceutical care to community pharmacy customers.
- ♦ Provide community pharmacists with the necessary tools and guidelines to deal efficiently with different dermatological pathologies.
- ♦ Strengthen the role of community pharmacists in the treatment of these pathologies.
- ♦ Identify the role of drugs, cosmetics, biocides and medical devices in the prevention and treatment of dermatological pathologies.
- ♦ Recognize referral cases to physicians.





## Specific Objectives

---

- ◆ Biocides: Antiseptics and Disinfectants.
- ◆ Differentiate between antiseptics and disinfectants and their different uses and spectrums of action.
- ◆ List the different dermatological applications of antiseptics.



*Seize the opportunity and take the step to get up to date on the latest developments in Biocides in Community Pharmacy”*



03

# Course Management

The program's teaching staff includes leading specialists in Biocides in Community Pharmacy, who bring the experience of their work to this training program. Additionally, other recognized specialists participate in its design and preparation, which means that the program is developed in an interdisciplinary manner.





“

*Learn the latest advances in Biocides  
in Community Pharmacy from leading  
professionals”*

## Management



### **Dr. González Hernández, Paola**

- Community pharmacist and coordinator of the dermatology group of SEFAC
- Degree in Pharmacy Complutense University of Madrid
- Master's Degree in Pharmaceutical Science (Pharmaceutical Care) from the Complutense University of Madrid
- Master's Degree in Dietetics and Diet University of Valencia
- Community Pharmacist in the Community of Madrid
- Coordinator of the dermatology group SEFAC since 2010
- Coordinator and author of several publications related to dermatology in the field of community pharmacy

## Professors

### Dr. Chamorro Galisteo, Concepción

- ♦ Murcia – AEFF
- ♦ Graduate in Pharmacy from the UGR
- ♦ Degree in Optics, Optometry and Audiology from CEU
- ♦ Expert in Orthopedics, Alcalá de Henares University
- ♦ Expert in Prosthetic Cardiology from ISEP CEU
- ♦ Expert in Prosthetic Audiology ISEP CEU
- ♦ Member of dermopharmacy, sanitary products, galenic and Magistral formulation of the COF in Murcia
- ♦ LASEMI Member.
- ♦ Assistant Pharmacist at Chamorro-Galisteo Grand Pharmacy.

### Dr. Fernández Cordeiro, Marta

- ♦ Pontevedra – SEFAC
- ♦ Graduate in Pharmacy (Faculty of Santiago de Compostela)
- ♦ Master's Degree in Dermopharmacy and Cosmetic Formulation (UNIR-International University of La Rioja)
- ♦ University Expert in Dermocosmetics (UNIR)
- ♦ University Expert in Nutrition and Dietetics (UNIR)
- ♦ Assistant Pharmacist José Antonio Fornos Pérez Pharmacy

### Dr. Fernández Diez, Elena

- ♦ Murcia – AEFF
- ♦ Degree in Pharmacy
- ♦ Pharmaceutical Technical Director of Efer Cosmetics Laboratory
- ♦ Associate Professor of Magistral Formulation and Dermocosmetics (UCAM)

### Dr. Abellán-G<sup>a</sup> Sánchez, Fernando

- ♦ SEFAC (Spanish Society of Family and Community Pharmacy)
- ♦ Attorney and Doctor of Forensic Medicine
- ♦ SEFAC Legal Advisor

### Dr. Acero Jiménez, Belén

- ♦ Community of Madrid - SEFAC
- ♦ Graduate in Pharmacy from the UCM
- ♦ Degree in Human Nutrition and Dietetics from CEU
- ♦ Master's Degree in Pharmaceutical Sciences from UCM
- ♦ Pharmacy Licence-Holder Belén Acero

### Dr. Bonnin Sánchez, Teresa

- ♦ Mallorca – SEFAC
- ♦ Degree in Pharmacy
- ♦ Postgraduate Diploma in Dietetics and Nutrition
- ♦ Master's Degree in Pharmaceutical Care
- ♦ Pharmacy Licence-Holder Bonnin

**Dr. González Borrego, Augusto**

- ♦ Sevilla – SEFAC
- ♦ Degree in Pharmacy
- ♦ Master's Degree in Pharmaceutical and Health Care
- ♦ Pharmacy Licence-Holder Olivares

**Ms. González Hernández, Angela**

- ♦ Community of Madrid - SEFAC
- ♦ Degree in Pharmacy from the UCM
- ♦ Assistant Pharmacist at Repilado Pharmacy

**Dr. González Rodríguez, Alicia**

- ♦ Community of Madrid - SEFAC
- ♦ Graduate in Pharmacy from the UCM
- ♦ Assistant pharmacist at Antonia Hijas Miron Pharmacy

**Dr. Gil Alegre, Teresa**

- ♦ Community of Madrid - SEFAC
- ♦ Graduate in Pharmacy from the UCM
- ♦ Assistant Pharmacist, Alegre Pérez Pharmacy.
- ♦ COFM Expert

**Dr. Gutiérrez Muñoz, Lucrecia**

- ♦ Community of Madrid - SEFAC
- ♦ Graduate in Pharmacy from the UCM
- ♦ Postgraduate course in Dermocosmetics applied to the Pharmacy Office.
- ♦ Collaborator in the training department at the Official College of Pharmacists in Madrid
- ♦ Technical Director of El Boalo Pharmacy

**Dr. Herrerías Esteban, Gema**

- ♦ Sevilla – SEFAC
- ♦ Graduate in Pharmacy (University of Seville)
- ♦ Master's Degree in Pharmacy Office Management.
- ♦ Postgraduate Diploma in nutrition and dietetics
- ♦ Member of Dermopharmacy of the CACOF and the COF of Seville
- ♦ Pharmacist, Pharmacy A5

**Dr. Jiménez Labiag, Luis**

- ♦ Castilla y León - Ávila – AEFF
- ♦ Degree in Pharmacy
- ♦ Specialist Pharmacist FIR in Hospital Pharmacy
- ♦ Member of the Board of Directors and Scientific Advisor of the Spanish Society of Individualized Medicine (LaSEMI)
- ♦ Assistant Pharmacist in Ramón Jiménez Galán Pharmacy

**Dr. Mansilla, Isabel**

- ♦ Málaga – SEFAC
- ♦ Graduate in Pharmacy from the University of Granada
- ♦ Degree in Human Nutrition and Dietetics (Alfonso X el Sabio University).
- ♦ University Expert in Dermocosmetics (UNIR)
- ♦ Expert in Orthopedics (U.Granada)
- ♦ Assistant Pharmacist Castro Jaen Pharmacy

**Dr. Vega Calzada, Cristina**

- ♦ Barcelona– SEFAC
- ♦ Graduate in Pharmacy from the UCM
- ♦ Postgraduate in Dermocosmetics from the University of Barcelona
- ♦ Substitute Pharmacist at Ibañez Pharmacy



**Dr. Martín Oliveros, Adela**

- ♦ Córdoba – SEFAC
- ♦ Doctor of Pharmacy
- ♦ Graduate in Human Nutrition and Dietetics
- ♦ MBA (IE Business School)
- ♦ Internship Professor at UFV. Pharmacy Licence-Holder Alcaide

**Dr. Messal Mendoza, Vanesa**

- ♦ Community of Madrid - SEFAC
- ♦ Degree in Pharmacy
- ♦ Master's Degree in Pharmaceutical Sciences (UCM)
- ♦ Assistant Pharmacist at J. Sampedro Pharmacy

**Dr. Moreno Fernández, Paqui**

- ♦ Barcelona– SEFAC
- ♦ Graduate in Pharmacy from the University of Barcelona
- ♦ Master's Degree in Pharmaceutical Care from the University of Valencia
- ♦ President SEFAC Catalonia
- ♦ Substitute Pharmacist at Ocata Pharmacy

**Dr. Nogales, Luis Marcos**

- ♦ Castilla y León - Salamanca – AEFF
- ♦ Graduate in Pharmacy from the USAL.
- ♦ Master's Degree in Pharmaceutical Industry and Parapharmacy (CESIF)
- ♦ Expert in Individualized Drug Formulation (USJ)
- ♦ LASEMI Member.
- ♦ Pharmacist license-holder Luis Marcos Pharmacy

**Dr. Ramírez de Diego, Martín**

- ♦ Asturias – AEFF
- ♦ Graduate in Pharmacy University of Barcelona
- ♦ Expert in Magistral Formulation (USJ)
- ♦ Co-owner Ramírez de Diego Pharmacy.

**Dr. Rico González, Verónica**

- ♦ Community of Madrid - SEFAC
- ♦ Graduate in Pharmacy from the UCM
- ♦ Master's Degree in Food Quality from Camilo José Cela University.
- ♦ Assistant Pharmacist at Repilado Pharmacy

**Dr. Ruiz Vázquez, Ángeles**

- ♦ Community of Madrid - SEFAC
- ♦ Degree in Pharmacy
- ♦ Master's Degree in Radiopharmaceutical Sciences in Nuclear Medicine.
- ♦ Specialist in Drug Determination
- ♦ Master's Degree in Digital Marketing and Communication.
- ♦ Member of SEFAC Madrid
- ♦ Assistant Pharmacist at Leganés Pharmacy

**Dr. Sánchez Palau, Laura**

- ♦ Barcelona– SEFAC
- ♦ Graduate in Pharmacy (University of Barcelona)
- ♦ Master's Degree in Pharmaceutical Industry and Parapharmacy (CESIF)
- ♦ Master's Degree in Pharmacy and Pharmaceutical Care (University of Barcelona)
- ♦ Substitute Pharmacist at Pharmacy Tres (Barcelona)

04

# Structure and Content

The content structure has been designed by a team of professionals from the best research centers and universities in Spain, aware of the current relevance of training for the safe use of drugs with a solid scientific basis, based on evidence, and committed to quality teaching through new educational technologies.



“

*This Postgraduate Certificate in Biocides in Community Pharmacy is the most complete and up-to-date scientific program on the market”*

**Module 1. Biocides: Antiseptics and Disinfectants**

- 1.1. Introduction
- 1.2. Disinfectants: Concept, Classification
- 1.3. Antiseptics: Concept, Classification, Selection Criteria







“

*A unique, key, and decisive training experience to boost your professional development”*

05

# Methodology

This training provides you with a different way of learning. Our methodology uses a cyclical learning approach: ***Re-learning***.

This teaching system is used 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 Re-learning, 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 we use the Case Method

In a given clinical situation, what would you do? Throughout the program, you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Pharmacists learn better, more quickly and more sustainably over time.

*With TECH you can experience a way of learning that is shaking the foundations of traditional universities around the world.*



According to Dr. Gervas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching potential or because of its uniqueness or rarity. It is essential that the case is based on current professional life, attempting to recreate the actual conditions in a pharmacist's professional practice.



“

*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. Pharmacists who follow this method not only achieve the assimilation of concepts, but also develop their mental capacity through exercises to evaluate real situations and apply their knowledge.
2. The learning process has a clear focus on 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.



## Re-learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

Our University is the first in the world to combine the study of clinical cases 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.



*Pharmacists 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 Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best Spanish-speaking online university (Columbia University).

With this methodology we have trained more than 115,000 pharmacists with unprecedented success, in all clinical specialties. Our pedagogical methodology is developed in a highly demanding environment, with a university student body with a high socioeconomic profile and an average age of 43.5 years old.

*Re-learning 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 (we 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.





In this program you will have access to the best educational material, prepared with you in mind:



### Study Material

All teaching material is created specifically for the course by specialist pharmacists who will be teaching the course, so that the didactic development is highly specific and accurate.

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.



### Video Techniques and Procedures

We bring you closer to the latest techniques, to the newest educational advances, to the forefront of current pharmaceutical care procedures. All this, in first person, 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

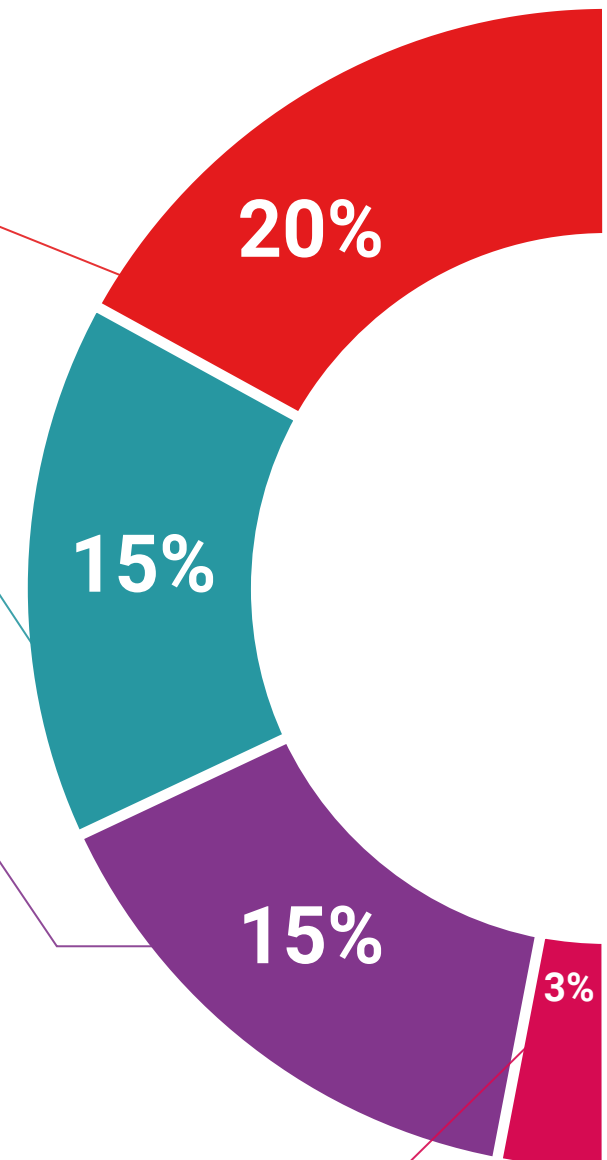
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This unique multimedia content presentation training system 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 training.







**Expert-Led Case Studies and Case Analysis**

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through 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 your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you 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 our difficult future decisions.



**Quick Action Guides**

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.



06

# Certificate

The Postgraduate Certificate Biocides in Community Pharmacy guarantees, in addition to the most rigorous and updated specialization, access to a qualification issued by TECH Global University.





“

*Successfully complete this training and receive your university degree without travel or laborious paperwork”*

This program will allow you to obtain your **Postgraduate Certificate in Biocides in Community Pharmacy** 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.

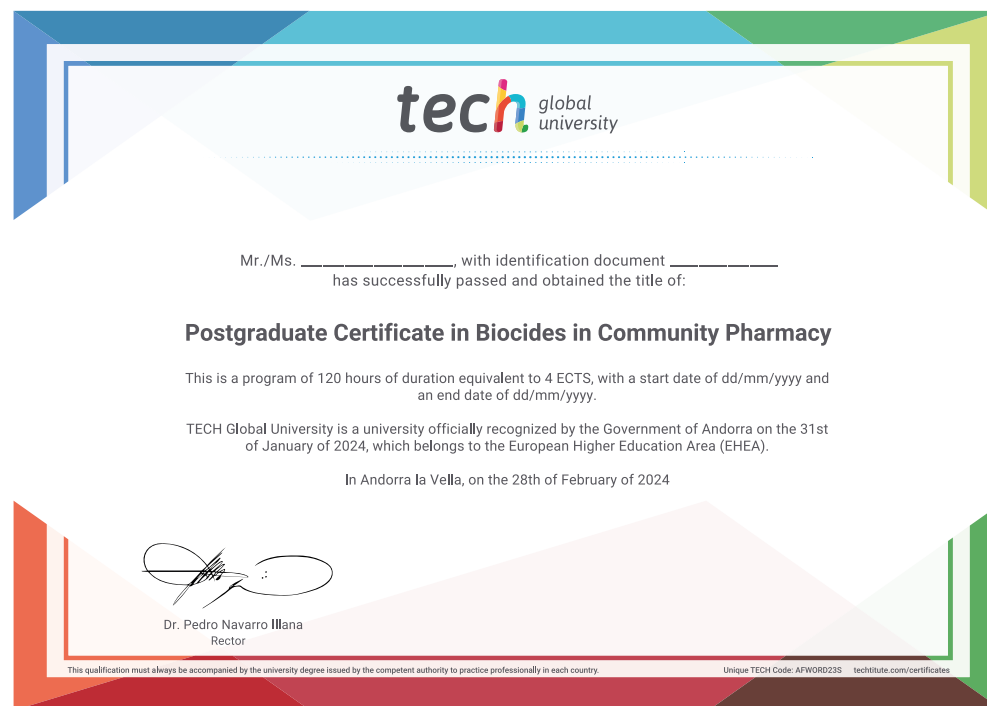
This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Biocides in Community Pharmacy**

Modality: **online**

Duration: **8 weeks**

Accreditation: **4 ECTS**



\*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.



future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present quality  
development languages  
virtual classroom



**Postgraduate Certificate**  
Biocides in Community Pharmacy

- » Modality: online
- » Duration: 8 weeks
- » Certificate: TECH Global University
- » Credits: 4 ECTS
- » Schedule: at your own pace
- » Exams: online

# Postgraduate Certificate

## Biocides in Community Pharmacy

