

# Postgraduate Diploma

## Dermatology and Nutraceuticals in Community Pharmacy





## Postgraduate Diploma Dermatology and Nutraceuticals in Community Pharmacy

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Credits: 17 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/pharmacy/postgraduate-diploma/postgraduate-diploma-dermatology-nutraceuticals-community-pharmacy](http://www.techtute.com/us/pharmacy/postgraduate-diploma/postgraduate-diploma-dermatology-nutraceuticals-community-pharmacy)

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01

# Introduction

It was once thought that the only way to care for our skin was topically, but we now know that the best way to maintain balance is to combine diet with topical treatments.







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

The problem is that new lifestyles, stress, schedules, and the decrease in diet quality make a balanced diet very difficult.

This problem has led to the market appearance of nutraceuticals, treatments with pharmaceutical indications, adjuvants or single treatments for different pathologies, or simply to maintain health wellness. Currently, community pharmacies dispense this type of products, and that is why community pharmacists must have thorough knowledge of the products on the market and the different skin care products needed throughout life, in order to be able to address skin care in an individualized manner and meet the demands in community pharmacy.

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

- ♦ An introduction to dermatology, defining the most commonly used terminology in the field.
- ♦ We will analyze the cutaneous phototypes and we will approach in detail sun photoprotection, in the different stages of life and in different pathologies.
- ♦ We will detail photosensitizing drugs.
- ♦ We will discuss the usefulness of corrective cosmetics in dermatological pathologies.
- ♦ We will study the different types of nutraceuticals and their uses.
- ♦ We will deal with all the legal aspects related to dermatology in community pharmacy.
- ♦ Clinical cases will be presented for professional improvement. studies the different types of Nutraceuticals and their Uses.
- ♦ All 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 Diploma in Dermatology and Nutraceuticals in Community Pharmacy is the most complete and up-to-date scientific program on the market”*

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*This Postgraduate Diploma 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 Dermatology and Nutraceuticals in Community Pharmacy, you will obtain an qualification from TECH Global University”*

Its teaching staff includes community pharmacy professionals belonging to the field of Dermatology and Nutraceuticals, who bring to this training the experience of their work, as well as recognized specialists belonging to leading scientific societies, such as the Spanish Society of Family and Community Pharmacy.

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.

This program is designed around Problem Based Learning, whereby the Care Services must try to solve the different professional practice situations that arise during the course. For this reason, you will be assisted by an innovative, interactive video system created by renowned and experienced experts in the field of Pharmacology with extensive teaching experience.

*Increase your decision-making confidence by updating your knowledge with this Postgraduate Diploma in Dermatology and Nutraceuticals in Community Pharmacy.*

*Don't miss the opportunity to update your knowledge in Dermatology and Nutraceuticals in Community Pharmacy to improve patient care.*



02

# Objectives

The main program objective is the development of theoretical and practical learning, so that the pharmacist can practically and rigorously master everything related to Dermatology and Nutraceuticals in Community Pharmacy.







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*This refresher program will generate a sense of confidence in elaborating dosages, which will help you grow personally and professionally”*



## General Objective

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- ◆ Acquire the necessary knowledge to perform a correct pharmaceutical prescription in nutraceuticals, either for minor pathologies in daily skin care or as coadjuvants in the treatment of more serious dermatological problems, gaining in-depth knowledge of indications, contraindications, precautions and forms of use.



## Specific Objectives

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- ◆ A reminder of basic terminological concepts related to dermatology for the correct approach to the rest of the topics.
- ◆ Delve into the anatomy of the skin and its ageing, approaching the cell cycle in order to understand the pathophysiology of dermatological diseases.
- ◆ Understand the processes that determine skin aging.
- ◆ Analyze the different skin phototypes of patients.
- ◆ Differentiate between drug, cosmetic, food preparation and medical products.
- ◆ Define skin care at different stages of life.
- ◆ Delve into the study of solar photoprotection.
- ◆ Differentiate the types of filters and their indication according to phototypes.
- ◆ Make users aware of the importance of photoprotection.







- ◆ Know the main photosensitizing drugs.
- ◆ Present the importance and uses of corrective dermocosmetics in dermatological conditions.
- ◆ Analyze the different uses and benefits of nutraceuticals in dermatology.
- ◆ Study the different regulations in force that affect community pharmacies with respect to dermatology.
- ◆ Understand the different safety and effectiveness tests that the different products marketed for the skin must comply with.
- ◆ Develop a protocol for pharmacovigilance and cosmetovigilance in community pharmacies.

“*Seize the opportunity and take the step to get up to date on the latest developments in Dermatology and Nutraceuticals in community pharmacy*”

03

# Course Management

This program includes in its teaching staff health professionals of recognized prestige, who belong to the field of dermatology and nutraceuticals in community pharmacy and who pour into this training the experience of their work.

In addition, renowned specialists, members of prestigious national and international scientific communities, are involved in designing and preparing the program.







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*Learn the latest advances in Dermatology and Nutraceuticals in Community Pharmacy from leading professionals”*

## Management



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

- ♦ SEFAC.
- ♦ Attorney and Doctor of Forensic Medicine.
- ♦ SEFAC Legal Advisor.

### Ms. Acero Jiménez, Belén

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

### Ms. Bonnin Sánchez, Teresa

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

**Ms. Fernández Diez, Elena**

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

**Mr. Graduate. González Borrego, Augusto**

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

**Ms. González Hernández, Ángela**

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

**Ms. Ruiz Vázquez, Ángeles**

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

**Ms. Sánchez Palau, Laura**

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

04

# Structure and Content

A compendium of knowledge created to give pharmacists the opportunity to catch up or incorporate the most advanced knowledge in skin care on the current scene. With the confidence and solvency of the largest in-Spanish online university in the world.





“

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

## Module 1. Update on Dermatology in Community Pharmacies

- 1.1. Introduction
- 1.2. Anatomy.
  - 1.2.1. Skin.
  - 1.2.2. Cutaneous Appendages
- 1.3. Cellular Cycle
- 1.4. Skin Biochemistry
  - 1.4.1. Envejecimiento.
- 1.5. Skin Phototypes
- 1.6. Terminology.
  - 1.6.1. Dermatology.
  - 1.6.2. Dermocosmetics
  - 1.6.3. Dermopharmacy
  - 1.6.4. Cosmetics
  - 1.6.5. Nutraceuticals
  - 1.6.6. Medical Devices

## Module 2. Dermatology and Nutraceuticals

- 2.1. Care of the Skin in the Different Stages of Life: Neonatal, Pediatric, Adolescent, Adult, Geriatric, Pregnancy.
  - 2.1.1. Neonatal
  - 2.1.2. Paediatric
  - 2.1.3. Adolescent
  - 2.1.4. Adult
  - 2.1.5. Geriatric
  - 2.1.6. Pregnancy
- 2.2. Sun Protection Solar Radiation, Types of Sunscreens, Sun Protection Factors.
  - 2.2.1. Solar Radiation
  - 2.2.2. Types of Sunscreens
  - 2.2.3. Sun Protection Factors
- 2.3. Sun Protection in Dermatological Pathologies, Sun Protection in Different Stages.
- 2.4. Photosensitizing Drugs
- 2.5. Corrective Dermocosmetics for Dermatological Conditions
- 2.6. Nutraceuticals





### Module 3. Legal Aspects

- 3.1. European and Spanish Legislation.
  - 3.1.1. Europe
  - 3.1.2. Spain.
- 3.2. Safety and Efficacy Evaluations.
  - 3.2.1. Safety.
  - 3.2.2. Efficacy
- 3.3. Pharmacovigilance and Cosmetovigilance.

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*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.





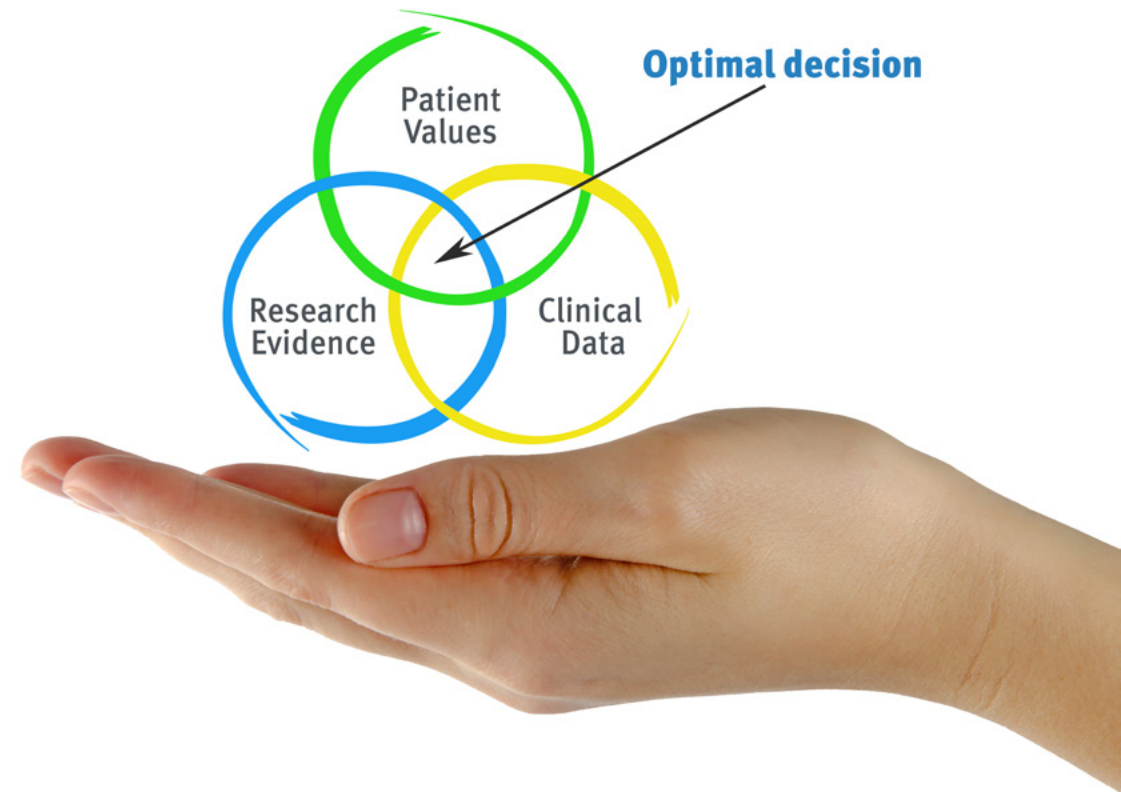


*Discover Re-learning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization”*

## 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.

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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. 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 Diploma in Dermatology and Nutraceuticals in Community Pharmacy guarantees, in addition to the most accurate and up-to-date training, access to a qualification issued by TECH Global University





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



This private qualification will allow you to obtain a **Postgraduate Diploma in Dermatology and Nutraceuticals 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.

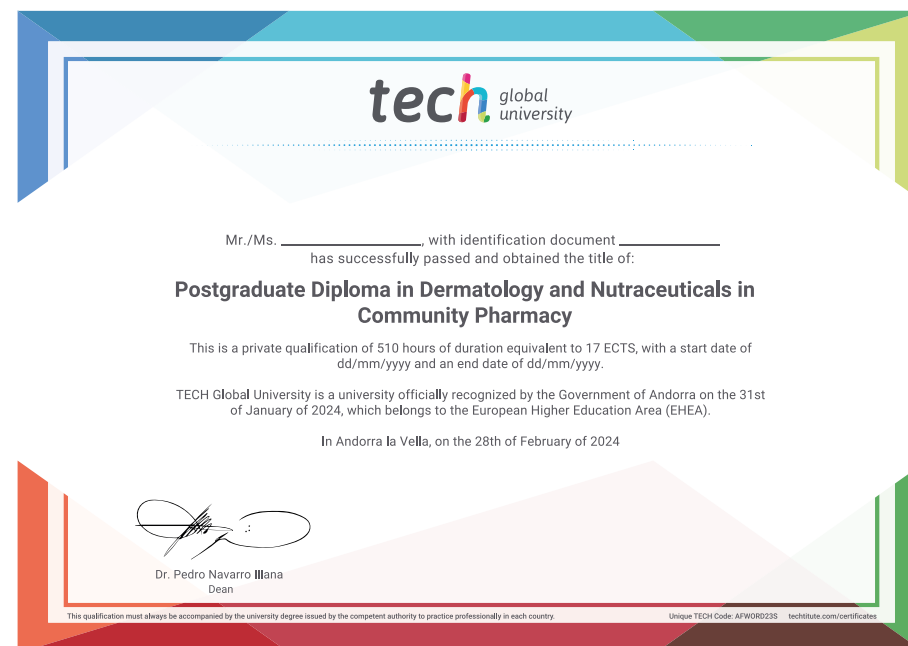
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Diploma in Dermatology and Nutraceuticals in Community Pharmacy**

Modality: **online**

Duration: **6 months**

Accreditation: **17 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  
development languages  
virtual classroom



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