

Postgraduate Certificate Phytotherapy and Herbal Drugs for Pharmacists





Postgraduate Certificate Phytotherapy and Herbal Drugs for Pharmacists

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 4 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/pharmacy/postgraduate-certificate/phytotherapy-herbal-drugs-pharmacists

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01

Introduction

Phytotherapy has recently developed numerous ways of therapeutic intervention through medicinal plants that result in effective treatments with fewer adverse effects. Updating pharmacists in this field is essential to ensure that their advice to the public is appropriate. In this sense, TECH has created this intensive program of 100 teaching hours, which will allow the graduate to obtain an update on this discipline and incorporate into their practice the latest evidence on the development of phytotherapeutic products and the regulations that regulate it. All in a 100% online format and with innovative teaching material that can be accessed from any digital device, at any time of the day.



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An educational option that will take you through 6 weeks of the most current knowledge on Phytotherapy and Herbal Drugs for Pharmacists"

Evidence from publications on Phytotherapy demonstrates the pharmacological actions of medicinal plants, whose rational and responsible use by patients leads to optimal results in the pathologies treated. The security provided by science has boosted this discipline, whose use is becoming more and more frequent among the public.

In this scenario, the pharmacists are in an ideal moment to update their knowledge about Phytotherapy and the latest scientific findings. In this line, TECH has designed this Postgraduate Certificate focused on providing a complete update through a program taught by the best specialists.

This is an intensive syllabus that will allow you to delve dynamically into the scope of application of this discipline, the process of cultivation, collection, processing and preservation of medicinal plants, or the European regulation on medicinal plant preparations. All of this is complemented by multimedia content, specialized readings and case studies to which you will have access 24 hours a day, 7 days a week.

Furthermore, thanks to the Relearning system, the graduate will naturally progress through the program, focusing on key content in a repetitive manner. This will reduce the long hours of study and memorization that are so frequent in other pedagogical methodologies.

In addition, by not having to attend classes in person or have fixed schedules, pharmacists have greater freedom to self-manage access to this Postgraduate Certificate and combine their daily activities with a quality program.

This **Postgraduate Certificate in Phytotherapy and Herbal Drugs for Pharmacists** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ Practical case studies are presented by experts in Phytotherapy
- ♦ 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 self-assessment can be used 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



With this Postgraduate Certificate, you will have the flexibility to balance your academic life with your professional work”

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Delve with total comfort from your mobile with an Internet connection into the impact of drug recognition on the quality of phytotherapeutic products"

The program's teaching staff includes professionals from the field 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 educational year. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.

This program will bring you up-to-date on the regulation of the European market for medicinal plant preparations.

This Postgraduate Certificate is the best option if you want to delve into the current classification of plant groups and do it in a dynamic way.



02

Objectives

The main objective of this program is to update the knowledge of pharmacists in Phytotherapy based on cutting-edge teaching content and up-to-date with the latest scientific findings on Phytotherapy and Herbal Drugs for Pharmacists. In this way, at the end of this program, the graduates will have increased their competences and skills for the indication and counseling of phytotherapeutic products with maximum guarantees. A unique opportunity offered only by TECH, the world's largest digital university.



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Perfect your skills in advising on phytotherapeutic products based on the latest scientific evidence provided by this program"



General Objectives

- ♦ Define the therapeutic limits of Phytotherapy and identify the cases in which it can be used safely
- ♦ Describe the use of Phytotherapy oriented to the satisfaction of the needs derived from the patient's health problems and the prevention of complications, guaranteeing a safe and quality practice
- ♦ Solve cases related to the field of phytotherapy
- ♦ Explain the use and indication of medical devices, food supplements and/or drugs, assessing the expected benefits and associated risks
- ♦ Apply theoretical knowledge in daily practice





Specific Objectives

- ◆ Define what a drug is and distinguish it from an active ingredient
- ◆ Explain the protocols for drug recognition
- ◆ Define the main chemical groups of active ingredients, which are responsible for the effects of drugs and , by extension , of plants
- ◆ Explain techniques for the cultivation, collection, processing and conservation of medicinal plants
- ◆ Identify botanical nomenclature and species citation
- ◆ Classify plant groups according to current regulations
- ◆ Define the medicinal utility of mushrooms
- ◆ Explain the legislation and regulation in relation with Phytotherapy



Update your knowledge on the techniques used for the cultivation, harvesting, processing and preservation of medicinal plants"

03

Course Management

TECH's programs are always backed up by professionals at the highest level of and prestige in their field. In this way, the teachers who teach this Postgraduate Certificate have provided the teaching material with all the competences and skills that the pharmacists need in order to update themselves in the involvement of Phytotherapy. In addition, the graduate is guaranteed access to content that is adapted to the real needs of the professional in this sector.



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Leading professionals in Pharmacy, Biology and Nutrition will provide you with the most advanced syllabus on Phytotherapy so that you can incorporate it into your daily practice"

Professors

Dr. Güemes Heras, Jaime

- ♦ Director of the Botanical Garden of Valencia
- ♦ Biologist and Botany Expert
- ♦ Curator of the Botanical Garden, Cavanilles Institute of Biodiversity and Evolutionary Biology in Valencia.
- ♦ President of the Ibero-Macaronesian Association of Botanic Gardens
- ♦ President of the Spanish Society of Plant Conservation Biology
- ♦ PhD in Biology
- ♦ Author of more than a dozen books and chapters related to biology and botany
- ♦ Scientist names 31 new species to science in International Plant Names Index

Dr. Bejarano, María

- ♦ Specialist in Histology and Pharmacy
- ♦ Associate Pharmacist in Pharmacy Office at LKN Strategies Inc.
- ♦ Trainer and promoter at LKN life
- ♦ EFG promoter trainer at Markefarm SL
- ♦ Pharmacist in pharmacy office
- ♦ Doctor of Pharmacy. CEU Cardenal Herrera University
- ♦ Degree in Histology Botanical Garden of the University of Valencia
- ♦ Degree in Pharmacy. University of Valencia

Dr. Soriano Guarinos, Pilar

- ♦ Researcher at the Germplasm Bank of the Botanical Garden of the University of Valencia.
- ♦ Professor of the Department of Botanics at the Faculty of Pharmacy of the University of Valencia
- ♦ Researcher at the Cavanilles Institute of Biodiversity and Evolutionary Biology
- ♦ Doctor of Pharmacy
- ♦ Author of dozens of scientific articles related to Botany

Dr. Izquierdo Palomares, Rosa

- ♦ Private Pharmacist in Customer Service and the Elaboration of Magisterial Formulas
- ♦ Head of Industrial Hygiene and Ergonomics at Unión de Mutuas
- ♦ Prevention Technician Specialist in Industrial Hygiene in Unión de Mutuas
- ♦ Degree in Community Pharmacy from the University of Valencia
- ♦ Master in Industrial Hygiene and Occupational Health

Ms. Buendía Sánchez, Esmeralda

- ♦ Technical Pharmaceutical Director Arkopharma Laboratories
- ♦ Director of the Scientific Department, Arkopharma, S.A.
- ♦ Author of *Hypericum in the treatment of depression* and co-author of several publications.
- ♦ Specialist in Pharmacy



Dr. Palomino Ruiz-Poveda, Olga

- ◆ Expert in Pharmacology and Pharmacognosy and Botany and scientific researcher
- ◆ Professor of the Department of Pharmacology in the Faculty of Pharmacy of the Complutense University of Madrid
- ◆ Records Technician at Arkopharma
- ◆ Doctor of Pharmacy
- ◆ Member of the Committee on Herbal Medicinal Products (HMPC) of the European Medicines Agency.

Ms. Ibars Almonacil, Ana

- ◆ Biologist at the Cavanilles Institute of Biodiversity and Evolutionary Biology
- ◆ Teacher in the area of Botany and Geology at the University of Valencia
- ◆ Co-author of the book *Ferns of the Valencian Community*
- ◆ Member of: Cavanilles Institute of Biodiversity and Evolutionary Biology, CBiBE Research Lab and Scientific Committee of the SEFIT Conference: Phytotherapy in metabolic syndrome

Dr. García-Fontestad, Gema Alejandra

- ◆ Independent Pharmacist and Expert in Chemical Morphophysiology and its impact on health.
- ◆ Pharmacist in pharmacy office
- ◆ Writer at Farma13
- ◆ Doctor in Pharmacy from CEU Cardenal Herrera University
- ◆ Author of dozens of research articles related to the pharmacological field

04

Structure and Content

The Postgraduate Certificate in Phytotherapy and Herbal Drugs for Pharmacists includes a complete syllabus prepared by the best experts in Pharmacy. In this way, the graduate will obtain the most exhaustive information on the process of cultivation, collection, processing and conservation of natural plants and the recognition of Herbal Drugs. It is, therefore, a program that aims to be a unique and stimulating experience that will bring the latest advances in this discipline up-to-date.





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*This program offers you all the ways in which
Phytotherapy works through a compendium
of innovative teaching materials"*

Module 1. Phytotherapy and Herbal Medicines

- 1.1. Phytotherapy: Definition and Scope of Application
- 1.2. Legislation and Registration of Herbal Medicines in Spain. BORRAR
- 1.3. Regulation of the European Market for Medicinal Herbal Preparations: Legal Regulations and Scope of Application
- 1.4. Current Classification of Plant Groups
- 1.5. Botanical Nomenclature and the Citation of Species in Phytotherapy
- 1.6. Cultivation, Collection, Processing and Preservation of Medicinal Plants
- 1.7. Plant Structure
- 1.8. Plant-Based Drugs: Impact of Drug Recognition on the Quality of Phytotherapeutic Products





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Take advantage of the best theoretical and practical content to update you optimally in Phytotherapy and Herbal Drugs for Pharmacists”

05

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.





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 we use the Case Method

What should a professional do in a given situation? Throughout the program, students will be confronted with multiple simulated clinical cases based on real patients, in which they will have to investigate, establish hypotheses and ultimately, 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 will 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 power 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 grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their 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.



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 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 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, more than 115,000 pharmacists have been trained with unprecedented success in all clinical specialties, regardless of the surgical load. This 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.

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

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.



Video Techniques and Procedures

TECH introduces students to the latest techniques, to the latest educational advances, to the forefront of current pharmaceutical care procedures. All of this, first hand, and explained and detailed with precision to contribute to assimilation and a better 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 unique multimedia content presentation training 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, 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 students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



Classes

There is scientific evidence on the usefulness of learning by observing experts. The system known as 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.



06

Certificate

The Postgraduate Certificate in Phytotherapy and Herbal Drugs for Pharmacists 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 private qualification will allow you to obtain a **Postgraduate Certificate in Phytotherapy and Herbal Medicines** 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 Phytotherapy and Herbal Medicines**

Modality: **online**

Duration: **6 months**

Accreditation: **4 ECTS**



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



Postgraduate Certificate
Phytotherapy and Herbal
Drugs for Pharmacists

- » Modality: online
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- » Exams: online

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