Postgraduate Certificate

Professional Pharmaceutical Information Provision and Review Services

Endorsed by:

SEFAC
Sociedad
Española
de Farmacia
Familiar
y Comunitaria

tech global university

tech global university

Postgraduate Certificate
Professional Pharmaceutical Information Provision and Review Services

- » Modality: **online**
- » Duration: **6 weeks**
- » Certificate: **TECH Global University**
- » Credits: **9 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/us/pharmacy/postgraduate-certificate/professional-pharmaceutical-information-provision-review-services**

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01
Introduction

Community Pharmacy is evolving towards the provision of Professional Services that benefit the health of the patient. Thus, it is common for pharmacists to convey confidence to people by providing the most comprehensive information on medicines, or to carry out health education. For this reason, it is essential for professionals to be aware of changes in the processes of using drugs and medical devices. Based on this need, TECH has created this 100% online program, which provides students with an advanced education on the different clinical situations in which they must clarify doubts about treatments or recondition the strategy for improving adherence to certain medications. A unique opportunity to be informed by the best experts in the sector.

A Postgraduate Certificate that will elevate your Professional Pharmaceutical Services in medication administration"

The role of pharmacists in Community Pharmacy is essential in the physical and mental well-being of patients. Working closely with other healthcare professionals for the adequacy of treatments and the transfer of the most accurate information has a direct impact on people's health.

In this context, the pharmacist is presented as an expert who can detect the difficulties that a patient may present when using a therapy, identify the causes and collaborate with their indications so that the correct guidelines are followed in the use of medicines. This is a tremendously relevant task, which is the focus of this Postgraduate Certificate in Professional Pharmaceutical Information Provision and Review Services.

This is an intensive program of 270 teaching hours, where students will be able to carry out a complete upgrade on the processes used in the present to improve the use of certain treatments and medical devices. The syllabus is made up of video summaries, detailed videos, case studies and complementary readings.

In addition, with the Relearning system, based on the reiteration of the most important concepts throughout this academic itinerary, the graduate will not have to invest many hours in the study and will obtain a much more effective education.

In this way, this academic institution offers pharmacists an ideal program to be able to combine their daily responsibilities with a quality program. All you need is an electronic device such as a Tablet, cell phone or computer with internet connection, to visualize at any moment of the day the of the day the agenda hosted on the virtual platform. A unique opportunity that only TECH provides.

This **Postgraduate Certificate in Professional Pharmaceutical Information Provision and Review Services** contains the most complete and up-to-date scientific program on the market. The most important features include:

- The examination of practical cases presented by experts in Community Pharmacy
- 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

Get essential information in just 6 weeks to improve your Medication Monitoring procedures"

Without scheduled classes you will be able to self-manage your time of access to this Postgraduate Certificate 100% online

You can explore whenever you want, from your computer with internet connection, the personalized systems of reconditioning, adaptation and dosage adjustment

"
Get an effective education on advances in inhalation and insulin application devices in pharmacological treatments"

The program's teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive training programmed to train in real situations.

The design of this program focuses on Problem-Based Learning, in which the professional will have to try to solve the different professional practice situations that will arise throughout the academic course. This will be done with the help of an innovative system of interactive videos made by renowned experts.

02
Objectives

Upon completion of this Postgraduate Certificate, the pharmacist will have obtained the most actual information on the processes of Review and Provision of Information in Community Pharmacies. This will be possible thanks to the theoretical-practical approach of this program's syllabus. Thus, you will be able to integrate into your daily practice the most advanced and recent procedures to provide the best information to the patient or make the appropriate adjustments to treatments. And all this in only 6 weeks.

This qualification provides you with solutions that will help you in your day-to-day work to bring the most rigorous information to patients in your Community Pharmacy"

General Objectives

- Improve the knowledge of community pharmacists in the different professional pharmaceutical care services

- Promote strategies of Pharmaceutical Care based on the approach of the patient from the Community Pharmacy in the social-healthcare and home care

- Encourage the acquisition of skills, through a powerful audiovisual system, and also allows development through online simulation workshops and/or specific

- Encourage the professional stimulation of community pharmacists through following continuous education and research

- Incorporate the provision of the different Professional Pharmaceutical Care Services to the usual pharmaceutical practice of the Community Pharmacy

- Promote the professional development of the community pharmacist professional in the field of Community Pharmacy

Get the resources you need to expand your competencies for the design of health education services thanks to this course"

Specific Objectives

- Identify the different clinical situations and services in which a medication review is necessary

- Differentiate between the various types of medication reviews

- Show how to perform a review of the patient's medication use

- Handle the different inhalation and insulin delivery devices used in pharmacological treatment

- Question the situations faced by patients that justify the need for assistance in the administration of the medications they are using

- Describe the different types of complex medicines, as well as the explanation of their management to the patient or caregiver

- Assess the withdrawal and maintenance of prescribed medications to be taken by the patient in transitions between different levels of care

- Reflect on the use of unit doses in dispensing to institutionalized patients

- Detect and resolve patients' issues with the medications they have in their medicine cabinets

- Identify the different services that can be used in patient care to improve adherence to treatment

- Identify treatment outcomes directly observed in patient treatment

- Recognize the role of drug repackaging as a strategy for improving the adherence of certain patients to pharmacological treatments

- Differentiate between customized reconditioning systems and dose adaptation and adjustment systems (dosing, etc.)

- Differentiate between advice and consultation as drug information provision activities

- Define the different types of pharmacotherapeutic drug information requests and how they are resolved

- Convey knowledge about medicines

- Design health education services for different therapeutic groups

03
Course Management

TECH focuses its philosophy on offering all students the highest quality programs. To achieve this objective, TECH carries out a rigorous selection process of all the teachers who teach the programs. Thus, the graduate has the guarantee of being able to access a syllabus prepared by the best experts in the pharmaceutical sector and also with extensive professional experience in the care to be provided from Community Pharmacies.

Renowned professional pharmacists will be responsible for offering you the most complete education in Professional Pharmaceutical Information Provision and Review Services"

Management

Dr. Baixauli Fernández, Vicente Javier

- Community Pharmacist
- Pharmacist owner of a community pharmacy in Valencia
- Vice-president of the Spanish Society of Community Pharmacy (SEFAC)
- Member of the governing board of the micof of valencia
- PhD in Pharmacy from CEU Cardenal Herrera University
- Degree in Food Science and Technology from the ETS of Agricultural Engineers of the Polytechnic University of Valencia
- University expert in pharmacotherapeutic monitoring from the University of Granada
- Experience teaching in several editions of university masters and educational courses
- Author of ACOFAR, El Farmacéutico, Offarm, Pharmaceutical Care Spain, Community Pharmacists
- Co-author of more than 23 books

Professors

Dr. Prats Más, Rosa

- Community Pharmacist Expert in Hypertension Care
- Manager and Pharmacist at La Pedrera Pharmacy
- Coordinator of the Hypertension and Vascular Risk Group
- Doctor in Pharmacy from the University of Granada
- Master's Degree in Pharmaceutical Care by the University of Valencia
- Member of: Spanish Society of Family and Community Pharmacy and Official College of Pharmacists of Alicante

Ms. Bellver Beltrán, Sara

- Family and Community Pharmacist
- Community Pharmacist in Onda. Castellón
- SEFAC Campus Teacher
- Degree in Pharmacy
- Member of: Spanish Society of Family and Community Pharmacy (SEFAC) and Subcommittee of RUM of SEFAC

Dr. Molinero Crespo, Ana
- Doctor of Pharmacy specialized in Strategic Organization of Scientific Medical Societies
- Vice President of the Spanish Society of Clinical, Family and Community Pharmacy (SEFAC)
- Technical Director at Molinero Pharmacy
- Community Pharmacist Fuenlabrada, Madrid
- Associate Professor in Biomedical Sciences, Alcalá University
- Doctor in Pharmacy, Complutense University of Madrid
- Graduate in Pharmacy from the Complutense University of Madrid
- Work in the Strategic Organization of Scientific Medical Societies. Esade
- Master's Degree in Tobacco Cessation from the University of Barcelona
- Master's Degree in Pharmacy Office Management from the University of Alcalá
- Specialist in Clinical Analysis by the Complutense University of Madrid

D. Colomer Molina, Vicente
- Community Pharmacy Specialist
- Owner of Vicente Colomer Pharmacy
- Master's Degree in Pharmacy from CEU Cardenal Herrera University
- Degree in Pharmacy from the University of Valencia
- Member of: Board of the Very Illustrious Official College of Pharmacists of Valencia (MICOF)

Ms. Morillo Lisa, Rosa María
- Community Pharmacist in Alcalá de Ebro
- Member of Rural Pharmacy in the Official College of Pharmacists of Zaragoza
- Degree in Pharmacy

Ms. Magro Horcajada, Mari Carmen
- Community Pharmacist
- Coordinator of the Immunology and Infectious Diseases Group of the Spanish Society of Family and Community Pharmacy
- Member of the Adjuncts of the Official College of Pharmacists of Madrid
- Author of several books and publications related to Community Pharmacy
- Treasurer of the Spanish Society of Family and Community Pharmacy in Madrid
- Degree in Pharmacy

Ms. Ruiz González, E. Desirée
- Community Pharmacist Valence
- Researcher specializing in Diabetes
- Degree in Pharmacy

Mr. Casamayor Sebastián, Francisco Antonio
- Pharmacist and Nutritionist
- Community Pharmacist
- Member of SEFAC of Aragon, La Rioja and Navarre
- Author of the article "Nutrition and gastronomy in Aragón"
- Degree in Pharmacy
- Degree in Nutrition and Dietetics

Ms. Huarte Royo, Joaquina
- Community Pharmacist in Pamplona
- Vice-president of the Spanish Society of Clinical, Family and Community Pharmacy
- Author of several specialized articles
- Degree in Pharmacy

04
Structure and Content

Thanks to the effectiveness of the Relearning method, students taking this program will not have to dedicate a large number of hours to study and memorization. Thus, with this method, based on the continuous reiteration of concepts, the key content addressed will be consolidated in a much simpler way. All this, in addition, supported by numerous didactic material housed in the virtual library of this Postgraduate Certificate in Professional Pharmaceutical Information Provision and Review Services.

"*You have at your disposal a very complete virtual library with access 24 hours a day, 7 days a week*"

Module 1. PPCS Aimed at Improving the Use of Medicines and Medical Devices II

1.1.   Medication Review
    1.1.1.   System of Medication Reconciliation
    1.1.2.   System for Review of Pharmacotherapy
    1.1.3.   Drug Utilization Review (DUR) System
    1.1.4.   First Aid Kit Revision System
1.2.   Provision of Pharmacotherapeutic Information
    1.2.1.   Medicine Administration System
    1.2.2.   Unit Dose Preparation System
    1.2.3.   Treatments Observed Directly (TOD) System
    1.2.4.   System for the Preparation of Customized Reconditioning Systems (CRS)
    1.2.5.   System for the Provision of Pharmacotherapeutic Information
    1.2.6.   Health Education System

"

You are in front of a Postgraduate Certificate that will allow you to improve the processes of medication use in your Community Pharmacy"

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. Gérvas, 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.

> *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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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.

20%

15%

15%

3%

20%

17%

7%

3%
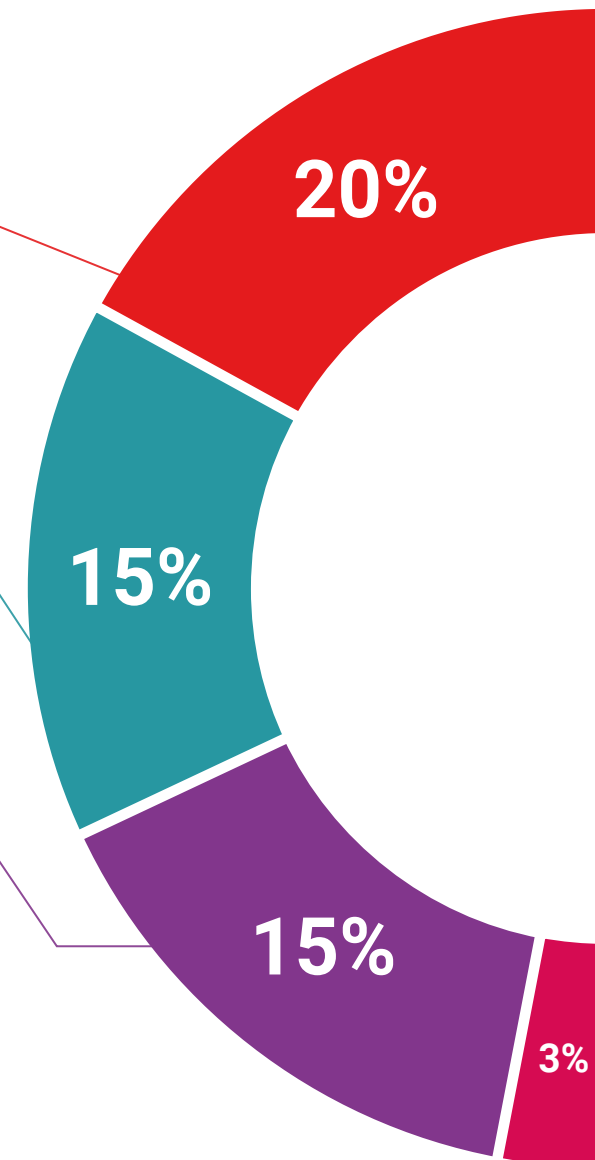
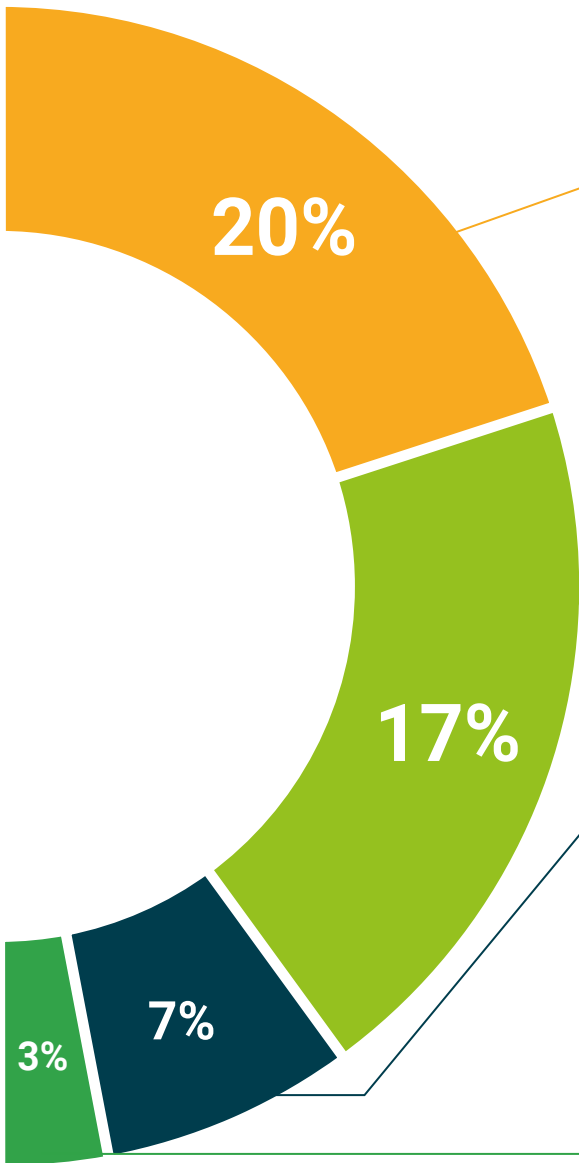### Expert-Led Case Studies and Case Analysis

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.

Certificate

The Postgraduate Certificate in Professional Pharmaceutical Information Provision and Review Services guarantees, in addition to the most rigorous and up-to-date education, the access to a Postgraduate Certificate diploma issued by TECH Global University.

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 Professional Pharmaceutical Information Provision and Review Services** 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 Professional Pharmaceutical Information Provision and Review Services**

Modality: **online**

Duration: **6 weeks**

Accreditation: **9 ECTS**

tech global university

Mr./Ms. _____, with identification document _____ has successfully passed and obtained the title of:

Postgraduate Certificate in Professional Pharmaceutical Information Provision and Review Services

This is a program of 270 hours of duration equivalent to 9 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Rector

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.   Unique TECH Code: AFWORD23S   techtitute.com/certificates

*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.

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