

Postgraduate Certificate Individualized Formulation





Postgraduate Certificate Individualized Formulation

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitute.com/us/pharmacy/postgraduate-certificate/individualized-formulation

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01

Introduction

The development of industry and the discovery of new synthetic medicines has transformed the concept of medicine. We have gone from an individualized medicine for a specific patient and specific needs, to a global medicine. That is, for a specific disease, but intended for a large number of patients.

*Learn about the latest advances
in individualized formulation and
improve your patient care*





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Update your knowledge through the Postgraduate Certificate in individualized formulation, in a practical way and adapted to your needs”

Industrialized medicine has been a breakthrough in current therapeutics, since many patients have found a remedy for their illnesses.

However, this industrialized drug does not cover all therapeutic needs. For various reasons, there are therapeutic gaps that only the Individualized Medicine can fill.

The Master Formulation or, nowadays, "individualized medicine" is the essence of the pharmaceutical profession. It has been the starting point of human medicine therapeutics, when patient care was individualized.

The master formula, understood as the medicine intended for an individualized patient, prepared by or under the direction of a pharmacist, to expressly comply with a detailed medical prescription of the medicinal substances it includes, requires that the professional activity be adjusted to strict and faithfully reproducible procedural guidelines. In this sense, pharmacists need to be updated and promote continuing education in the knowledge and compliance with the standards for the correct preparation and quality control of master formulas in order to achieve the required level of quality.

The objective of this program is to train pharmacists in a discipline unique and exclusive to their profession, informing professionals who can respond to therapeutic gaps with the formulation of an individualized drug with the quality and efficacy of an industrialized drug.

This **Postgraduate Certificate in Individualized Formulation** contains the most complete and up to date scientific program on the market. The most important features of the program include:

- ♦ Development of clinical cases presented by experts in pharmacology. 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 practice.
- ♦ New developments in the development of Individualized Formulation.
- ♦ Algorithm-based interactive learning system for decision-making in the presented clinical situations.
- ♦ With a special emphasis on evidence-based medicine and Individualized Formulation research methodologies.
- ♦ 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.



Update your knowledge through the Postgraduate Certificate in Individualized Formulation, in a practical way and adapted to your needs"

“

This course may be the best investment you can make in the selection of a refresher program for two reasons: in addition to updating your knowledge in Individualized Formulation, you will obtain a course degree from TECH - Technological University"

It includes in its teaching staff health professionals belonging to the field of master formulas, who pour into this program the experience of their work, in addition to recognized specialists belonging to scientific societies of reference.

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 pharmacist must try to solve the different professional practice situations that arise throughout the course. This will be done with the help of an innovative interactive video system developed by renowned experts in the field of pharmacology with extensive teaching experience.

The course includes real case studies and exercises to bring the development of the course closer to the pharmacist's professional practice.

Take the opportunity to update your knowledge in Individualized Formulation and improve your patient care.



02 Objectives

The main objective of the program is the development of theoretical and practical learning, so that the professional can master in a practical and rigorous way the Individualized Formulation.





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This refresher program will generate a sense of security in the performance of the professional's praxis, which will help you grow personally and professionally"



General Objective

- ♦ Guarantee the correct preparation, by the pharmacist, of Master formulas and officinal preparations according to current regulations by means of theoretical/practical complementary training to that acquired in their basic training, updating knowledge, training skills and developing attitudes.



Specific Objectives

- ♦ Describe the correct elaboration of emulsions.
- ♦ Describe the correct preparation of the capsules.
- ♦ Describe the correct preparation of syrups
- ♦ Describe the correct preparation of other pharmaceutical preparations.
- ♦ Establish laboratory conditions suitable for the preparation of products.





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Take advantage of the opportunity and take the step to get up to date on the latest developments in Individualized Formulation”

03

Course Management

This program includes in its teaching staff health professionals of recognized prestige, who belong to the field of Master formulation, and who bring to this program 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 from leading professionals the latest advances in Individualized Formulation”

Management



Graduate. Giner Perelló, Jose Antonio

- ♦ Community pharmacist at the Pharmacy Office of Atzeneta de Albaida (Valencia).
- ♦ Head of the Formulation Laboratory Master FARMACIA PERELLÓ with Level of Sterile Pharmaceutical Forms with authorization FOR **THIRD PARTY MANUFACTURING**
- ♦ Degree in Pharmacy from the University of Valencia.
- ♦ Diploma in Public Health by EVES
- ♦ University Degree Specialist in Clinical Analysis (Cardenal Herrera-CEU University)
- ♦ Degree in Orthopedics (University of Valencia)
- ♦ PhD student in "Veterinary Master Formulation" (Cardenal Herrera-CEU University).
- ♦ Member of the Board of Directors of Master Formulation of the Very Illustrious Official College of Pharmacists of Valencia.



04

Structure and Content

The structure of the contents has been designed by a team of professionals knowledgeable of the implications of the program in the daily pharmaceutical practice in Individualized Formulation, aware of the relevance of the current relevance of education to be able to elaborate Master formulas with guarantee, with quality teaching through new educational technologies.



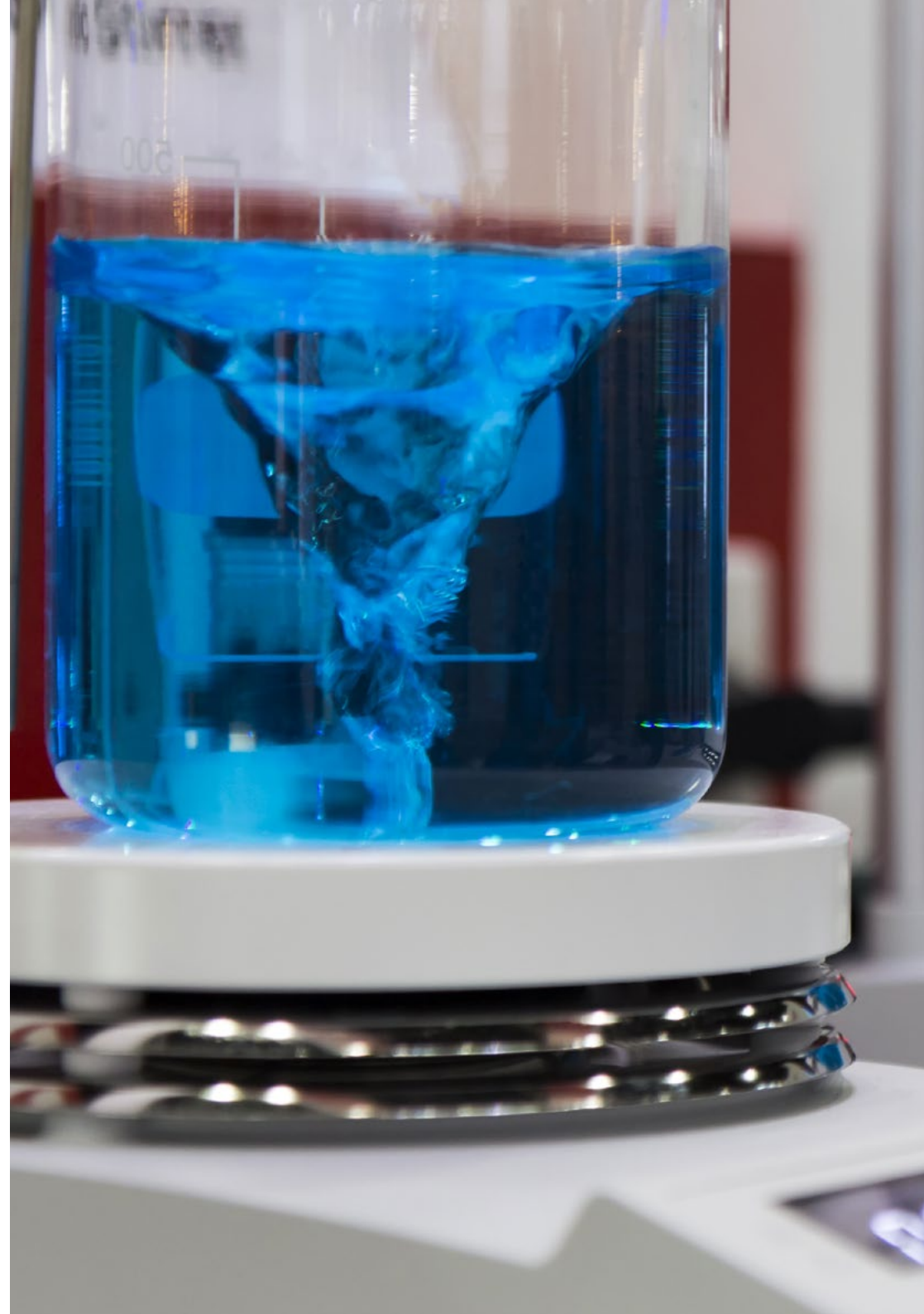


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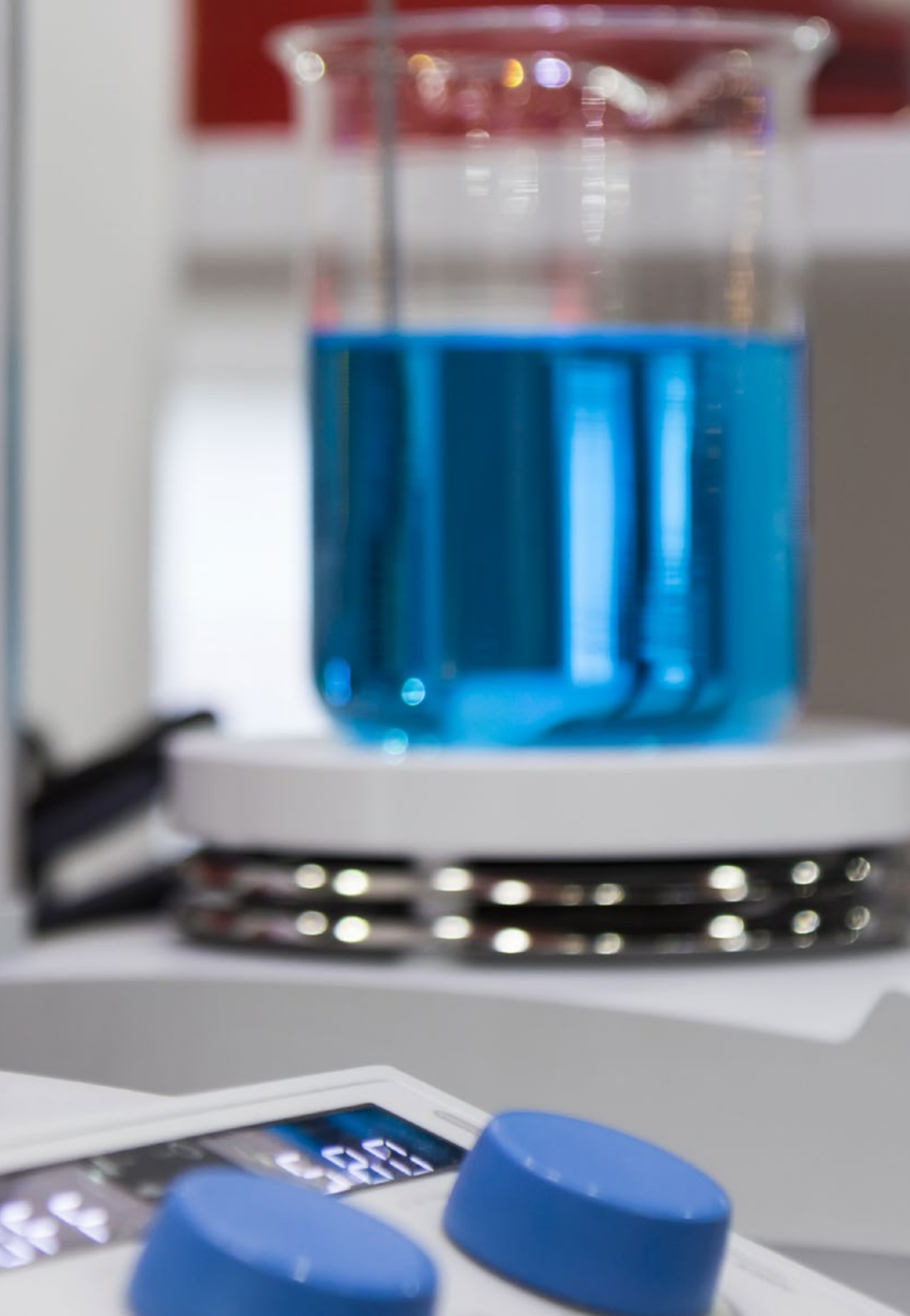
This Postgraduate Certificate in Individualized Formulation contains the most complete and up to date scientific program on the market"

Module 1. Basic Aspects of Individualized Formulation

- 1.1. Evolution of the Master formulation
- 1.2. Legal Aspects of Individualized Formulation.
- 1.3. Definitions and Requirements
- 1.4. Current Regulations in Master Formulation
- 1.5. Abbreviations used in Formulation Master



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



05

Methodology

Our Postgraduate Certificate in Individualized Formulation offers you an innovative method to strengthen your clinical competencies based on the study of clinical cases and content in a cyclical manner. This method has been the most widely used learning system by the most prestigious medicine schools in the world and by relevant publications such as the New England Journal of Medicine.



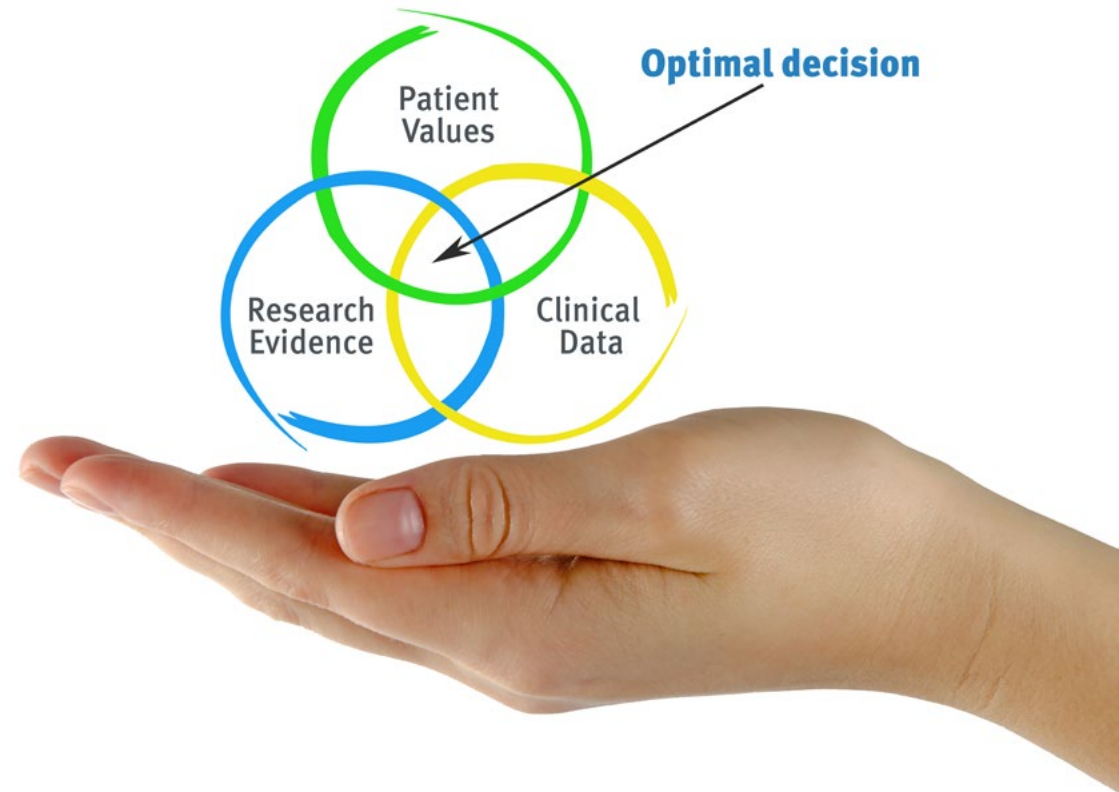
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This type of teaching-learning encourages curiosity and skill development, as well as allowing the teacher to feel an active part of the process"

In a given situation, what would you do? Throughout these months, the professor will be confronted with multiple simulated clinical cases based on real patients in which he/she will have to investigate, establish hypotheses and finally, resolve the situation. This method makes teachers learn better as they accept more responsibility and get closer to the reality of their professional future.



Did you know that this method was developed in 1912 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



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 potential or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the teacher's professional practice.

It is a technique that develops the critical spirit and prepares the teacher to make decisions, defend arguments and contrast opinions

According to Reynolds, there are four fundamental reasons that support the effectiveness of the method:

01

Pharmacists develop their mental capacities better by evaluating real situations and applying concepts.

02

Pharmacists will be better prepared for the development of their professional activity.

03

Ideas and concepts are better assimilated when they are analyzed in situations that have arisen from reality.

04

Pharmacists voluntarily spend more time working as they find it more interesting to work with cases.



Re-learning Methodology

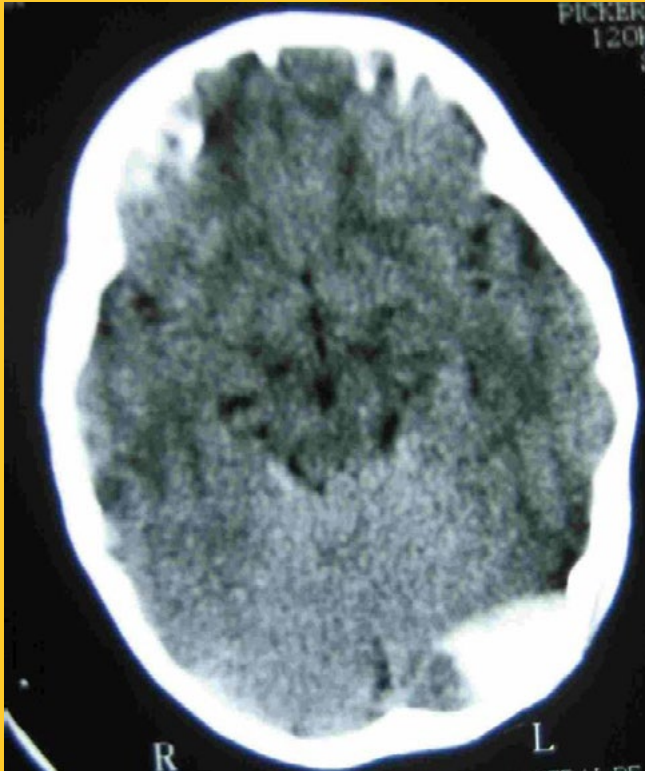


Pharmacists will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning”

...we enhance them with the best 100% online teaching method: 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 8 different elements in each lesson, which represent a revolution with respect to simply studying and analyzing cases.





This methodology, at the forefront of world teaching, is called Re-learning. Our school is the first in Spanish-speaking countries licensed to use this successful method, having achieved in 2015 to improve the overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) of the teachers who complete the courses with respect to the indicators of the best online university in Spanish-speaking countries.

The overall score obtained by our learning system is 8.01, according to the highest international standards

In our **Postgraduate Certificate in Individualized Formulation**, learning is not a linear process, but a spiral one (we learn-unlearn (forget) and relearn); that is why we combine each of these elements in a concentric way.

With this methodology, we have trained more than 40,000 teachers with unprecedented success, in areas such as pediatrics, surgery, infectious diseases, hepatology, etc. All this in a highly demanding environment, with a university student body with a high socioeconomic profile and an average age of 42 years.

...and all this with the best learning materials at the forefront of technology and pedagogy

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



Study Material

After a complex production process, we transform the best content into high-quality educational and audiovisual multimedia. We select the best syllabus and make it available to you. Everything you need to acquire in-depth knowledge of a discipline, from A to Z. Lessons written and chosen by specialists in each of the disciplines.



Video Education Techniques and Procedures

We bring you closer to the newest techniques, to the latest scientific advances, to the forefront of doctor news. 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.



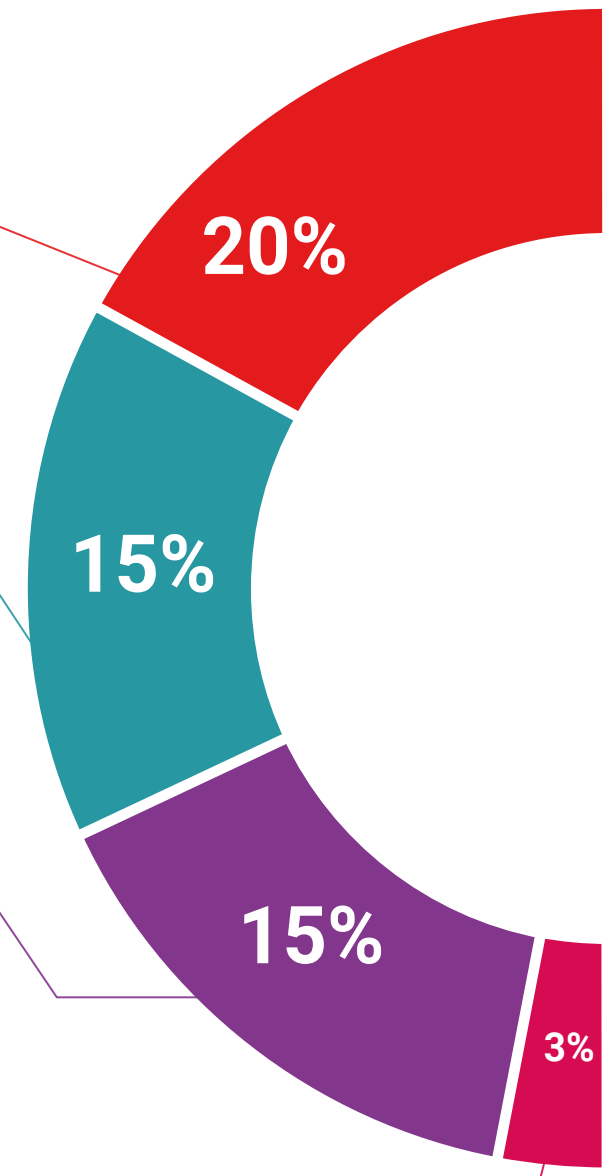
Interactive Summaries

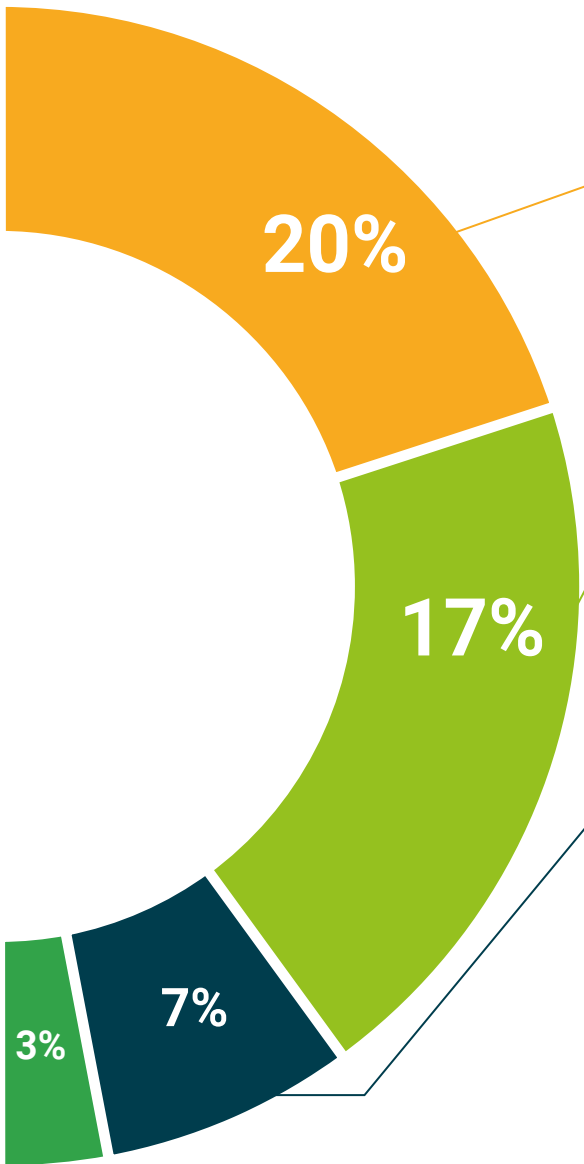
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge. This unique training system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





Expert-led case studies and case analysis

Through the narratives of expert professionals, it is possible to acquire a high degree of understanding of the most frequent problematic situations. The professional's healthcare practice is not alien to the context in which it takes place. If we want to train ourselves to improve our professional practice, this training must be situated within the context in which it takes place.



Testing & Retesting

We periodically evaluate and re-evaluate your knowledge throughout this program through activities and evaluative exercises.



Classes

There is scientific evidence suggesting that observing third-party experts can be useful. Learning from an expert strengthens knowledge and recall, and generates confidence in our future difficult decisions



Quick Action Guides

One of the most important functions of our team is to select those contents considered essential and present them in the form of worksheets or quick action guides to facilitate their understanding.



06

Certificate

The Postgraduate Certificate in Individualized Formulation guarantees you, in addition to the most rigorous and up to date information, access to a university degree issued by TECH - Technological University.



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Successfully complete this training program and receive your university certificate without travel or laborious paperwork”

This Postgraduate Certificate in Individualized Formulation contains the most complete and up to date scientific program on the market.

After the student has passed the evaluations, they will receive their corresponding Postgraduate Certificate issued by TECH - Technological University

The diploma issued by TECH - Technological University will express the qualification obtained in the Course, and meets the requirements commonly demanded by job exchanges, competitive examinations and professional career evaluation committees.

Title: **Postgraduate Certificate in Individualized Formulation**

ECTS: **3**

Official Number of Hours: **75**



*Apostille Convention. In the event that the student wishes to have their paper diploma Apostilled, TECH EDUCATION will make the necessary arrangements to obtain it at an additional cost of €140 plus shipping costs of the Apostilled diploma.

future

health

confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

personalized service innovation

knowledge present quality

online training

development languages

classroom

tech technological
university

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