

# Postgraduate Certificate Pharmacological Treatments





## Postgraduate Certificate Pharmacological Treatments

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

Website: [www.techtitute.com/pk/education/postgraduate-certificate/pharmacological-treatments](http://www.techtitute.com/pk/education/postgraduate-certificate/pharmacological-treatments)

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# 01

# Introduction

Mental health problems have increased among young people, especially depression and anxiety. The specialists who treat these patients use pharmacological treatments that help the person to stabilize and recover, but at the same time have side effects. Sometimes, teachers are unaware of the reason for certain types of behavior of their students, who may come to class under the effects of certain antidepressants, mood stabilizers or anxiolytics. This 100% online program provides students with a comprehensive teaching in this field by a specialized teaching team with extensive professional experience in the field of Clinical Neuropsychology.





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*TECH provides you with a program in which you will learn about the different psychopharmacological treatments currently used”*

Science has allowed millions of people around the world affected by different pathologies and disorders to be able to recover or improve their quality of life. In this sense, the Pharmacological Treatments have demonstrated in many occasions their effectiveness. The teaching professional who takes this university program will be introduced to a multidisciplinary education with a syllabus prepared by an expert teaching team in this field.

A program that will allow the teaching professional to further understand the different mental health illnesses and their intervention through drugs. Through a theoretical-practical approach, students will acquire intensive and advanced learning about the mechanisms of action, main indications, dosage and forms of administration, as well as side effects. Antidepressants, antipsychotics, psychostimulants or drugs for the treatment of dependence are just some of the treatments that students will learn more about.

Thanks to the video summaries, detailed videos or interactive diagrams, the teaching professional will be able to study this program in a more enjoyable and visual way. A teaching that will also show the latest scientific studies and simulations of clinical cases that will bring the student closer to the reality experienced by some patients.

A flexible education that provides an excellent opportunity for the professional who wishes to take a step forward in their career through a convenient academic format. All you need is an electronic device (computer, *Tablet* or cell phone) with which you can access the entire syllabus, wherever and whenever you want. No attendance, no fixed schedules. This will allow students to distribute the teaching load according to their needs, making their professional responsibilities compatible with quality education.

This **Postgraduate Certificate in Pharmacological Treatments** contains the most complete and up-to-date program on the market. The most important features include:

- ♦ Practical cases presented by experts in Psychology
- ♦ 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



*A 100% online education in which you will reduce the hours of study thanks to the Relearning system"*

“

*An academic option that provides you with the most relevant studies on the side effects of pharmacological treatments. Enroll now”*

The program's teaching team 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.

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.

The design of this program focuses on Problem-Based Learning, through which the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

*You are one step away from understanding young people who suffer from certain disorders for which they are medicated. Enroll now.*

*Clinical case simulations will help you understand the reality of young people with different pathologies.*



# 02

# Objectives

The main goal of this program is the exhaustive learning through the different educational tools currently available. Therefore, at the end of this program, students will have acquired a deep knowledge of the bases and fundamentals of psychopharmacological therapy, the different types of drugs and their uses. The expert teaching staff that teaches this program will be in charge of accompanying the students in this process and in the achievement of their objectives.







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*A university program designed for professionals who wish to advance their careers through flexible learning”*



## General Objectives

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- Develop a broad and up-to-date knowledge of the different pharmacological treatments that are having better results today applicable to clinical neuropsychology
- Delve into the pharmacological recommendations, as well as their advantages and disadvantages depending on the patient and the pathology they suffer from





### Specific Objectives

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- ♦ Know and learn about the basics and foundations of psychopharmacology
- ♦ Know and classify the different types of psychopharmaceuticals
- ♦ Know and contextualize the different uses of psychopharmacological therapy

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*TECH provides you with all the multimedia tools with which you can dynamically delve into psychopharmacological therapies”*

# 03

## Structure and Content

TECH provides students with a study plan developed by a specialized teaching staff that has invested hours in the preparation of a syllabus that offers the most recent content in relation to the most commonly used pharmacological treatments currently in use. The multimedia content will favor the acquisition of knowledge that students will be able to access 24 hours a day from a computer with Internet connection. You can easily begin to delve into a syllabus that has a theoretical-practical approach and that will allow you to take a step further in your professional career.





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*A program that will help you understand the mechanisms of action of antidepressants, hypnotics or guanfacine"*

## Module 1. Pharmacological Treatments

- 1.1. Introduction to Psychopharmacology
  - 1.1.1. Principles and Introduction to Psychopharmacology
  - 1.1.2. General Principles of Psychopharmacological Treatment
  - 1.1.3. Main Applications
- 1.2. Antidepressants
  - 1.2.1. Introduction
  - 1.2.2. Types of Antidepressants
  - 1.2.3. Mechanism of Action
  - 1.2.4. Indications
  - 1.2.5. Drugs of the Group
  - 1.2.6. Dosage and Forms of Administration
  - 1.2.7. Side Effects
  - 1.2.8. Contraindications
  - 1.2.9. Drug Interactions
  - 1.2.10. Patient Information
- 1.3. Antipsychotics
  - 1.3.1. Introduction
  - 1.3.2. Types of Antipsychotics
  - 1.3.3. Mechanism of Action
  - 1.3.4. Indications
  - 1.3.5. Drugs of the Group
  - 1.3.6. Dosage and Forms of Administration
  - 1.3.7. Side Effects
  - 1.3.8. Contraindications
  - 1.3.9. Drug Interactions
  - 1.3.10. Patient Information
- 1.4. Anxiolytics and Hypnotics
  - 1.4.1. Introduction
  - 1.4.2. Types of Anxiolytics and Hypnotics
  - 1.4.3. Mechanism of Action
  - 1.4.4. Indications
  - 1.4.5. Drugs of the Group
  - 1.4.6. Dosage and Forms of Administration
  - 1.4.7. Side Effects
  - 1.4.8. Contraindications
  - 1.4.9. Drug Interactions
  - 1.4.10. Patient Information
- 1.5. Mood Stabilizers
  - 1.5.1. Introduction
  - 1.5.2. Types of Mood Stabilizers
  - 1.5.3. Mechanism of Action
  - 1.5.4. Indications
  - 1.5.5. Drugs of the Group
  - 1.5.6. Dosage and Forms of Administration
  - 1.5.7. Side Effects
  - 1.5.8. Contraindications
  - 1.5.9. Drug Interactions
  - 1.5.10. Patient Information
- 1.6. Psychostimulants
  - 1.6.1. Introduction
  - 1.6.2. Mechanism of Action
  - 1.6.3. Indications
  - 1.6.4. Drugs of the Group
  - 1.6.5. Dosage and Forms of Administration
  - 1.6.6. Side Effects
  - 1.6.7. Contraindications
  - 1.6.8. Drug Interactions
  - 1.6.9. Patient Information

- 1.7. Anti-Dementia Drugs
  - 1.7.1. Introduction
  - 1.7.2. Mechanism of Action
  - 1.7.3. Indications
  - 1.7.4. Drugs of the Group
  - 1.7.5. Dosage and Forms of Administration
  - 1.7.6. Side Effects
  - 1.7.7. Contraindications
  - 1.7.8. Drug Interactions
  - 1.7.9. Patient Information
- 1.8. Drugs for the Treatment of Dependency
  - 1.8.1. Introduction
  - 1.8.2. Types and Mechanism of Action
  - 1.8.3. Indications
  - 1.8.4. Drugs of the Group
  - 1.8.5. Dosage and Forms of Administration
  - 1.8.6. Side Effects
  - 1.8.7. Contraindications
  - 1.8.8. Drug Interactions
  - 1.8.9. Patient Information
- 1.9. Anti-Epileptic Drugs
  - 1.9.1. Introduction
  - 1.9.2. Mechanism of Action
  - 1.9.3. Indications
  - 1.9.4. Drugs of the Group
  - 1.9.5. Dosage and Forms of Administration
  - 1.9.6. Side Effects
  - 1.9.7. Contraindications
  - 1.9.8. Drug Interactions
  - 1.9.9. Patient Information
- 1.10. Other Drugs: Guanfacine
  - 1.10.1. Introduction
  - 1.10.2. Mechanism of Action
  - 1.10.3. Indications
  - 1.10.4. Dosage and Forms of Administration
  - 1.10.5. Side Effects
  - 1.10.6. Contraindications
  - 1.10.7. Drug Interactions
  - 1.10.8. Patient Information



*Enroll now in this program where you will learn the main contraindications of the most common drugs used for depression or epileptic seizures”*

04

# Methodology

This training program offers 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.







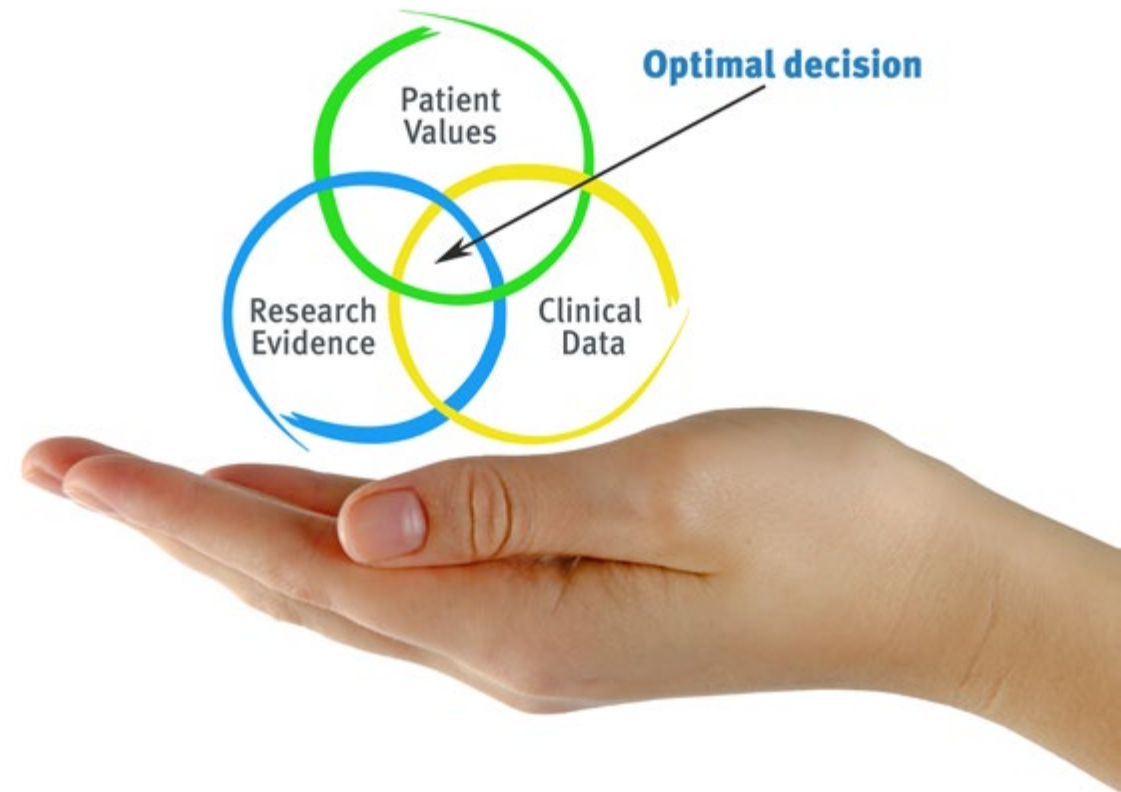
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## At TECH Education School we use the Case Method

In a given situation, what should a professional do? Throughout the program students will be presented with multiple simulated cases based on real situations, where they will have to investigate, establish hypotheses and, finally, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method.

*With TECH, educators can experience a learning methodology that is shaking the foundations of traditional universities around the world.*



*It is a technique that develops critical skills and prepares educators to make decisions, defend their arguments, and contrast opinions.*

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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. Educators who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process is solidly focused on practical skills that allow educators to better integrate the knowledge into daily practice.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life teaching.
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 case studies 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.



*Educators 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 we have trained more than 85,000 educators with unprecedented success in all specialties. All this in a highly demanding environment, where the students have a strong socio-economic 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 our 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 produced by the specialist educators who teach the course, specifically for the course, so that the teaching content is really specific and precise.

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.



### Educational Techniques and Procedures on Video

TECH introduces students to the latest techniques, with the latest educational advances, and to the forefront of Education. All this, first-hand, 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

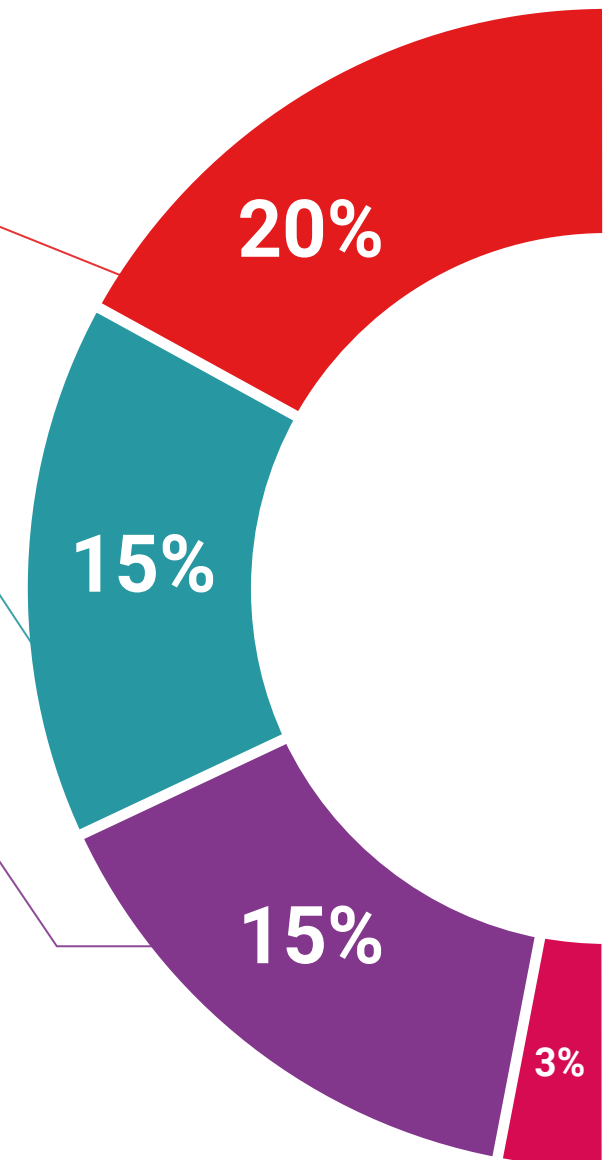
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

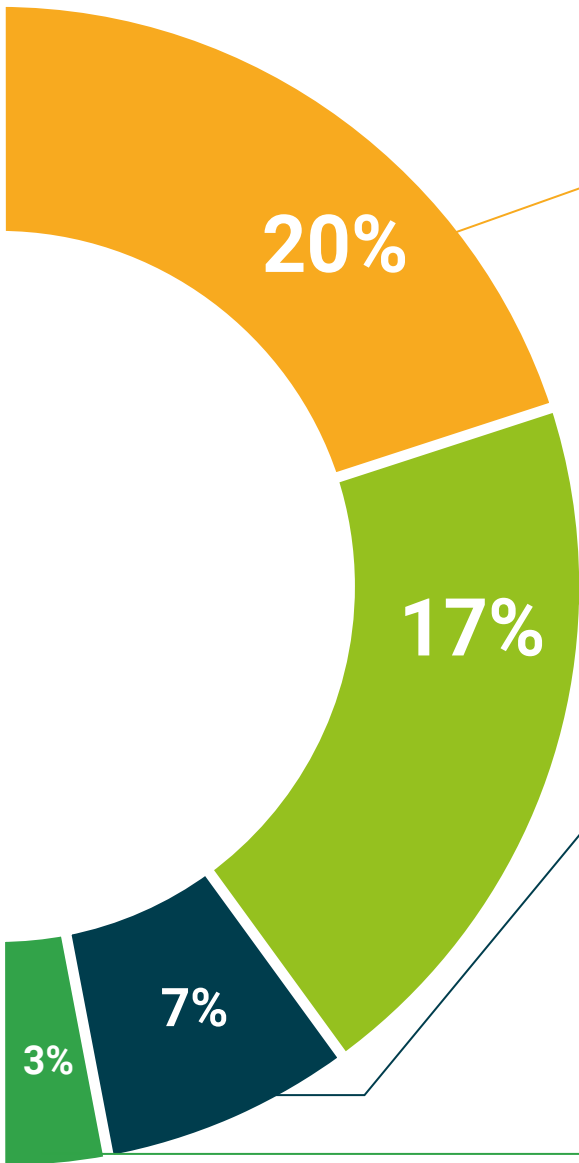
This exclusive multimedia content presentation training Exclusive system was awarded by Microsoft as a "European Success Story".



### 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, TECH presents real cases in which the expert will guide students, 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 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 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.



05

# Certificate

The Postgraduate Certificate in Pharmacological Treatments guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





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*Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"*

This **Postgraduate Certificate in Pharmacological Treatments** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding Postgraduate Certificate issued by **TECH Technological University** via tracked delivery\*.

The certificate issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Pharmacological Treatments**

Official N° of Hours: **150 h.**



\*Apostille Convention. In the event that the student wishes to have their paper certificate issued with an apostille, TECH EDUCATION 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

online treatments

development languages

virtual classroom

**tech** technological  
university

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