Postgraduate Certificate
Applied Psychopharmacology

tech *technological university*

Postgraduate Certificate

Applied Psychopharmacology

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

Website: **www.techtitute.com/pk/psychology/postgraduate-certificate/applied-psychopharmacology**

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01
Introduction

Scientific evidence has allowed to advance in the application of certain psychopharmacological treatments for patients suffering from certain disorders such as depression, psychotic disorders or schizophrenia. The continuous advances in this field require an update by psychology professionals. This 100% online program was created with the aim of offering students the most comprehensive knowledge through a content made up of innovative multimedia didactic material, taught by a specialized teaching team with extensive experience in this area.

Thanks to this university degree you will be able to keep up to date with the latest developments in Applied Psychopharmacology"

Although in many occasions the general population can understand that the psychotropic drug is the only solution to a disorder, it is true that its application is always determined by a broader and even multidisciplinary treatment. However, although it is true that the evolution of psychotropic drugs in recent years has led patients who take them to notice a considerable improvement in their disorders. This progress requires a deep knowledge from psychology professionals, which in this Postgraduate Certificate can be renewed thanks to the specialized teaching team that teaches this degree.

An online program with didactic material made up of video summaries, specialized readings or simulations of real clinical cases that will allow the psychology professional to enter into the basics of psychopharmacology as the first topic of contact in this degree, to later enter into the different types such as antidepressants, antipsychotics, anxiolytics, mood stabilizers or psychostimulants. In addition, the mechanisms of action, dosage, administration and contraindications are also discussed. All this, provided by professionals with extensive experience in this field.

This Postgraduate Certificate also includes masterclasses given by an international guest lecturer with a great professional and research career in the field of Cognitive-Behavioral Psychology. A well versed professional who will lead students to learn about the latest advances in Applied Psychopharmacology in an advanced way.

The flexible teaching system offered by TECH Technological University is also an excellent opportunity for psychology professionals who wish to update their knowledge in a comfortable way, accessing the syllabus from and when they want. It only requires an electronic device (*Tablet,*, cell phone or laptop) to connect to the virtual platform and view or download the content available from the beginning of the Certificate. An option that facilitates the distribution of the teaching load according to your needs and the compatibility of your professional responsibilities with a high quality education.

This **Postgraduate Certificate in Applied Psychopharmacology** contains the most complete and up-to-date educational 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 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

For 6 weeks you will immerse yourself in the world of psychopharmaceuticals, in the most recent studies and all this with online content provided by a specialized teaching team"

The multimedia resource library will allow you to deepen in Psychopharmacology essential concepts in a more visual and enjoyable way.

A flexible program in which you will be able to learn more about drug interactions and side effects of psychotropic drugs.

" *You will have access 24 hours a day to the most updated syllabus in applied psychopharmacology. All you need is your computer and an internet connection"*

The program's teaching staff includes professionals from sector who contribute their work experience to this 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

The objective of this Certificate is to achieve that the psychology professional reaches an updated knowledge of the different groups of psychotropic drugs most commonly used in therapies that apply to the Cognitive-Behavioral model. A goal that you will achieve in a more agile way and with less study time, thanks to the *Relearning* system that TECH Technological University applies in each of its degrees.

A high-level academic program in which you will delve into the side effects of different groups of drugs"

General Objectives

- Provide students with academic and technical knowledge in their professional work from the Cognitive-Behavioral approach

- Update knowledge in the design of Psychological Assessment from the Cognitive-Behavioral approach

- Update the knowledge and tools of Psychological Intervention for a good design of the therapeutic process

- Introduce the student to the therapeutic relationship tools that favor the establishment of a good therapeutic alliance

- Promote the knowledge and management of technical tools to know how to contain the emotional state of the patient

- Stimulate the psychology professional to maintain a continuous training and a development of his scientific knowledge

- Master the code of ethics in order to perform their work within professional ethics

Specific Objectives

- Differentiate the existing groups of psychotropic drugs for the treatment of psychiatric and behavioral disorders
- Determine the mechanisms of action in each of the pharmacological treatments
- Assess the side effects of different groups of drugs

An online course in which you will learn more about the mechanisms of action of the different pharmacological treatments"

Course Management

TECH Technological University remains committed to offering its students quality education that is accessible to all. To this end, it rigorously selects each of the directors and teachers that make up the programs it offers. Therefore, the psychology professional who takes this online degree will have at his disposal a faculty with extensive experience in this area, in treatments through psychotropic drugs and in the application of therapies within the framework of the Cognitive-Behavioral model. Their proximity will allow students to consult any doubts that may arise during the course of the Certificate.

"
TECH Technologial University gives you the opportunity to access the most advanced knowledge in Applied Psychopharmacology through masterclasses given by a prestigious expert"
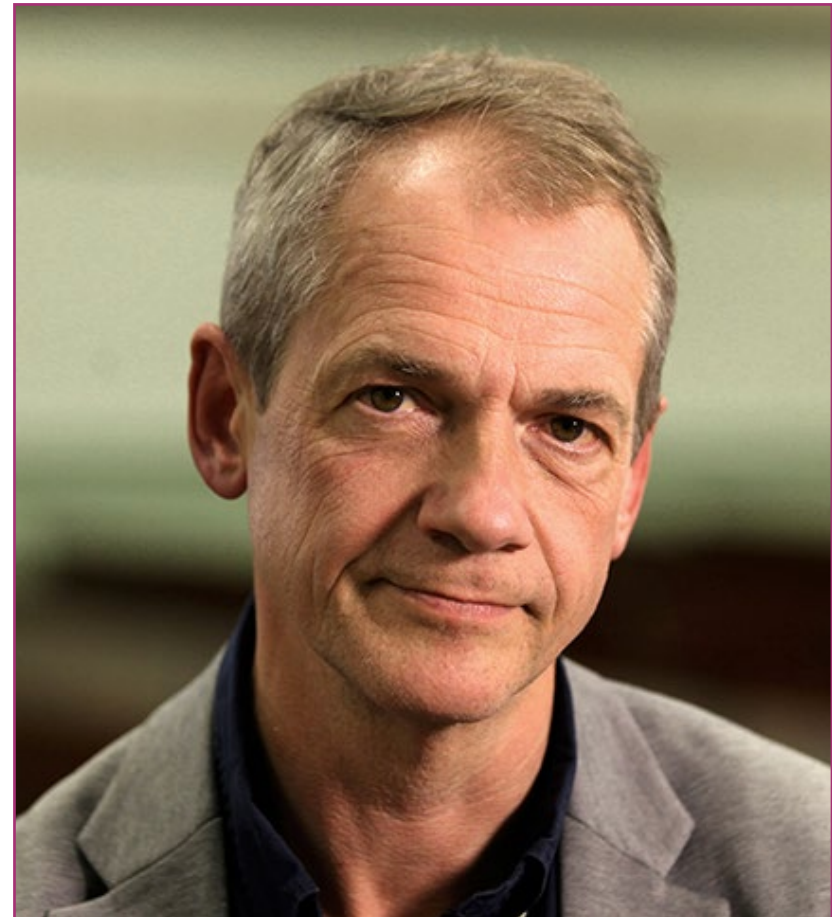
International Guest Director

Stefan G. Hofmann, Ph.D., is a world eminence in the **area of Cognitive Behavioral Therapy and Anxiety Disorders.** He has been researching the nature of emotional disorders and the processes through which psychological treatments alleviate symptoms for more than 20 years.

His extensive background has earned him the **Alexander von Humboldt Professor of Translational Clinical Psychology and the Department of Clinical Psychology at the Philipps University of Marburg in Germany** and he is currently a Professor in the Department of Neurology and Psychology at Boston University, where he directs the Psychotherapy and Emotion Research Laboratory at the Center for Anxiety and Related Disorders.

He has served as president of numerous professional organizations and is editor-in-chief of Cognitive Therapy and Research. In addition, he has been included in the **Highly Cited Researchers list** and has received the **Aaron T. Beck Award for Significant and Enduring Contributions to the Field of Cognitive Therapy** and the **Humboldt Research Award.**

He has also become a world reference as a **consultant in the development process of the DSM-5,** a manual created to help health professionals in the diagnosis of mental disorders and in the elaboration of a perfectly documented treatment plan for each individual.

In the research field, Stefan G. Hofmann, PhD, has **published more than 400 journal articles** and **20 books** on anxiety disorders, depression, emot ions, the mechanism of treatment change, the translation of neuroscience findings into clinical applications, emotion regulation and cultural expressions of psychopathology.

Dr. G. Hofmann, Stefan

- Editor-in-chief of the journal Cognitive Therapy and Research
- Advisor in the creation of the DSM-5
- Professor in the Department of Psychological and Brain Sciences at Boston University
- Ph.D. in Psychology from the University of Marburg
- Fellowship in Psychology at Stanford University
- Alexander von Humboldt Chair in Clinical Translational Psychology
- Member of: DSM-5 Sub-Working Group on Anxiety Disorder, DSM-5-TR Cross-Cultural Review Group

Thanks to TECH you will be able to learn with the best professionals in the world"

04

Structure and Content

The syllabus of this Diploma has been developed by a teaching team specialized in the area of Psychology, and more specifically in Applied Psychopharmacology. This way, through a quality multimedia content, the students will deepen during the 150 teaching hours of this course, in the different groups of existing psychotropic drugs, their indications, side effects, contraindications, interaction with other drugs and the essential information to give to the patient. The simulation of real cases will be of great utility and direct application in the usual clinical in regular clinical consultations.

With this online program you will access the latest knowledge about psychopharmacology and its application"

Module 1. Applied Psychopharmacology

A Postgraduate Certificate designed for professionals like you, who wish to update their knowledge without neglecting other areas of their lives"

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 face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH the psychologist experiences 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, trying to recreate the real conditions in the psychologist'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. Psychologists who follow this method not only master the assimilation of concepts, but also develop their mental capacity by means of exercises to evaluate real situations and apply their knowledge.

2. Learning is solidly translated into practical skills that allow the psychologist to better integrate knowledge into clinical practice.

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 is a real revolution compared to the simple study and analysis of cases.

The psychologist 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).

This methodology has trained more than 150,000 psychologists with unprecedented success in all clinical specialties. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for 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 specialists who teach the course, specifically for the course, so that the teaching content is highly 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.

Latest Techniques and Procedures on Video

TECH introduces students to the latest techniques, to the latest educational advances, to the forefront of current psychology. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.

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 educational system for presenting multimedia content 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, 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 their 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.

Certificate

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

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

This **Postgraduate Certificate in Applied Psychopharmacology** 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 Applied Psychopharmacology**

Official Nº of hours: **150 h.**

tech technological university

Awards the following
CERTIFICATE
to
Mr./Ms. _____, with identification number _____.
For having passed and accredited the following program

POSTGRADUATE CERTIFICATE
in
Applied Psychopharmacology

This is a qualification awarded by this University, equivalent to 150 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

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 certificate issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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