

Postgraduate Certificate

Neurology and Biochemistry of the Hypnotic State





Postgraduate Certificate

Neurology and Biochemistry of the Hypnotic State

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

Website: www.techtute.com/us/psychology/postgraduate-certificate/neurology-biochemistry-hypnotic-state

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01

Introduction

Clinical Hypnosis is an instrument with which we are able to connect with the subcortical structures to subsequently change the traumatic memories or affect planes far from the will, and from there to be able to affect pain, anxiety or an unbalanced mood. Numerous studies show that any psychotherapy procedure is much more effective if performed in a hypnotic state. Irving Kirsch found an 80% improvement if the therapeutic activity is performed in a hypnotic state as opposed to wakefulness.





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This Postgraduate Certificate teaches all the knowledge about the biochemistry and neuroanatomy of the hypnotic state, being a true concatenation of specifications of the chemical and neurological agents involved in the state of wakefulness, hypervigilance, relaxation, hypnosis and sleep”

That is why we have put at the student's service all the knowledge that today is required to perform clinical hypnosis with full guarantee, among the main ones is to include the techniques of Selective Dissociation Focusing with SCM. You will not be able to find them in any other University Program of training in hypnosis. These techniques differ in that they "do not need to talk to the patient", the patient "can keep their eyes open" and this state is reached in a few minutes, sometimes practically instantaneously. Neurological and biological research gives us security to be able to maintain this judgment.

At the end of this Postgraduate Certificate, the psychologist will have mastered all the necessary technology to get their patient hypnotized. Having knowledge of what happens in the brain of the hypnotized person in the so-called classical techniques, such as conversational or Selective Dissociation Focusing Techniques.



Update your knowledge through the Postgraduate Certificate in to neurology and Biochemistry of the Hypnotic State in a practical way and adapted to your needs"

The **Postgraduate Certificate in Neurology and Biochemistry of the Hypnotic State** contains the most complete and updated scientific program on the market.

The most important features of the program include:

- Clinical cases presented by experts in Psychology. 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.
- Diagnostic and therapeutic developments on hypnotic state neurology and biochemistry
- An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course.
- With special emphasis on evidence-based psychology and research methodologies in psychology
- Content that is accessible from any fixed or portable device with an Internet connection



This Postgraduate Certificate may be the best investment you can make when choosing an up-to-date program for two reasons: in addition to updating your knowledge in from Neurology and Biochemistry of the Hypnotic State Diseases, you will obtain a diploma from TECH-Technological University"

Forming part of the teaching staff is a group of professionals from the world of psychology who bring to this course their work experience, as well as a group of renowned specialists, recognised by esteemed scientific communities.

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 training program to train in real situations.

This program is designed around Problem Based Learning, whereby the doctor must try to solve the different professional practice situations that arise during the course university. For this reason, you will be assisted by an innovative, interactive video system created by recognized experts in the field of psychology and with great teaching experience.

The Postgraduate Certificate includes real clinical cases and exercises to bring the development of the Postgraduate Certificate closer to the clinical doctor's practice



02

Objectives

The main objective of the program is the development of theoretical and practical learning, so that the psychologist can master in a practical and rigorous way Neurology and Biochemistry of the Hypnotic State.





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This up-to-date program will provide you with the skills to act with confidence in the performance of the psychologist's praxis, which will help you grow personally and professionally"



General Objectives

- Explain the reality of clinical hypnosis
- Describe how to establish an essential therapeutic link through the techniques of clinical hypnosis
- Develop intervention programs based on emotional change rather than cognitive change
- Describe the research implication of technology impacting biochemistry and neuroanatomy with psychic tools



Take the opportunity and take the step to get up to date on the latest developments in Neurology and Biochemistry of the Hypnotic State"





Specific Objectives

- Succeed, through regression, in removing the patient from the emotional sequestration that has trapped him/her
- Working with traumatic emotional memory from a bonding and emotional anesthesia that allows the restructuring of the memory
- Manage the laws of energetic control that regulate the ascending reticular system
- Describe the therapeutic setting of psychological technology that influences brain activity and the individual's perception
- Describe how to adjust the induction to the patient's mind
- Establish a differential diagnosis before applying hypnotic induction, so as not to create iatrogenic reactions
- Identify the neurological axes and planes involved in performing IHM techniques
- Substantiate, based a scientific knowledge, the dynamics that occur in induction and hypnotic state

03

Course Management

This program includes in its teaching staff health professionals of recognized prestige, who belong to the field of psychology, and who pour into this training the experience of their work.

In addition involved, renowned specialists, members of prestigious national and international scientific communities, are in designing and preparing the program.



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*Learn from leading professionals,
the latest advances in Neurology and
Biochemistry of the Hypnotic State"*

International Guest Director

Recognized with numerous awards and with an extensive list of publications, Dr. Daniel Tomasulo is one of the most prominent professionals in the field of Psychology. His outreach work has led him to be in the ranking of the top 10 influencers on depression, according to the Sharecare platform. As such, his main focus is on studying this mood disorder with positive psychology and hope. And, in addition to his roles as a scientific author and speaker, he holds the position of Academic Director of the Institute for Spirituality, Mind and Body, at Columbia University's Teachers College.

This professional has a broad background in specific areas such as Spirituality, Psychodrama and Intellectual Disabilities. For his work in these fields, he has been honored with the Gardner Award 2024, given by the START Service Center, which recognized his outstanding contributions to improving the lives of people with intellectual and developmental disabilities. In addition, on two occasions his lectures have received awards from the International Association of Positive Psychology. In this way, in his talks he has always spread the power of optimism and hope, of trusting in the strengths of each individual on the TEDx stage and at the Wholebeing Institute, among others.

Likewise, throughout his career he has published numerous articles in scientific journals, the most outstanding being his research on the effect of positivity. Likewise, Dr. Daniel Tomasulo has defended the idea that, while traditional psychology focuses on weaknesses, positive psychology is based on strengths, which allows people to lead meaningful and fulfilling lives.

Finally, in his field as a writer, Dr. Daniel Tomasulo has published books on psychology, which seek to contribute to the mental health of readers. In fact, his work *The Positivity Effect* reached number one in sales as a new release on Amazon. On the other hand, "Esperanza Aprendida, el poder del positivismo para superar la depresión" has been selected as best book on positivity for depression by Medical News Today.



Dr. Tomasulo, Daniel

- Director of the Institute for Spirituality, Mind and Body, Columbia University, New York, United States
- Director of the New York Open Center's Certification in Positive Psychology
- Clinical Psychologist
- Columnist for Psych Central
- Review Editor of the special section on Positive Psychology in Frontiers in Psychology
- Doctorate in Psychology from Yeshiva University
- Master's Degree in Writing from The New School
- Master's Degree in Applied Positive Psychology from the University of Pennsylvania
- Master's Degree in Child Development from Fairleigh Dickinson University

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

Management



Mr. Aguado Romo, Roberto

- Psychologist specializing in clinical psychology at CEP centers in Madrid, Bilbao and Talavera
- Specialist in Forensic and Legal Psychology
- Psychologist of the Courts 1 and 2 of Toledo
- Coordinator in Toledo of the emergency intervention and psychological assistance plan
- Master's Degree in Time-Limited Psychotherapy and Health Psychology
- Expert in adult psychotherapy
- Director of the Expert in Psychodiagnosis and Legal Expertise by the European Institute of Time-Limited Psychotherapies
- Coordinator of the gender violence plan at the national level of the Society for Time Limited Psychotherapies

Professors

Ms. Arriero, Esther

- European specialist psychologist in Psychotherapy for the EFPA in the CEP Health Center of Talavera de la Reina.
- Health Psychologist
- Course in Time-Limited Psychotherapy and Health Psychology
- Specialist in Adult Therapy
- Specialist in interventions with chronic patients.

Mr. Benito de Benito, Luis

- Medical Specialist of the digestive system.
- Physician Hospital San Chinarro and specialist in Endoscopy
- Course in Time-Limited Psychotherapy and Health Psychology
- Lecturer at Navarra University

Mr. Cuesta, José María

- European specialist psychologist in Psychotherapy for the EFPA in the CEP Health Center in Talavera de la Reina.
- Course in psychological intervention of chronic illnesses.
- Psychologist of the Alzheimer's Association
- Course in Time-Limited Psychotherapy and Health Psychology



Professors

Mr. Espinoza, Oscar

- Physician specializing in Psychiatry and Pediatrics
- Director of the Psychopharmacology Unit of the CEP.
- Head of the public health service in the southern district of Madrid.
- Course in Time-Limited Psychotherapy and Health Psychology

Ms. Fernandez, Inmaculada

- Doctorate in Psychology from Almeria University
- Psychology specializing in Clinical psychology
- Head of the Department of Neuropsychology of the University of Almeria.
- Mindfulness-based Cognitive Therapy Expert
- Expert of Time Limited Psychotherapy

Ms. Furelos, Maribel

- Psychology specializing in Clinical psychology
- Osakidetza sexologist at the Santurce outpatient clinic
- Course in Time-Limited Psychotherapy and Health Psychology

04

Structure and Content

This program includes in its teaching staff health professionals of recognized prestige, who belong to the field of psychology, and who pour into this training the experience of their work.

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Module 1. Neurology and Biochemistry of the Hypnotic State

- 1.1. How Does our Brain Work?
- 1.2. Hemispheric Differentiation
- 1.3. From MacLean's Triune Brain to R. Aguados Fifth Evolutionary Moment.
 - 1.3.1. First Moment Reptilian Brain
 - 1.3.2. Second Moment Mammalian Brain
 - 1.3.3. Third Moment Human or Cognitive Brain
 - 1.3.4. Fourth Moment Interhemispheric Specialization
 - 1.3.5. Fifth Moment Orbital Frontal Lobe Specialization
- 1.4. Relationship Between Structures
- 1.5. Biochemical, Neurological Structures and Action Motors
- 1.6. How is a Traumatic Memory Cemented?
- 1.7. Sites of Traumatic Memories
- 1.8. Neurological Inertial Circuits
- 1.9. Neurobiological Change
 - 1.9.1. Pharmacodynamics
 - 1.9.2. Pharmacokinetics
 - 1.9.3. Plasma Level Curve
- 1.10. Implication of Hypnosis in Emotional and Psychopathological Changes





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

05

Methodology

This training program provides you with a different way of learning. Our methodology uses a cyclical learning approach: ***Re-learning***.

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 Re-learning, 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 abundant 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. 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, trying to recreate the real conditions in the psychologist'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. 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.



Re-Learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

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

At the forefront of world teaching, the Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best Spanish-speaking 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 high socioeconomic profile and an average age of 43.5 years old.

Re-learning 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.



In this program you will have access to the best educational material, prepared with you 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 really specific and precise.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Latest Techniques and Procedures on Video

We introduce you to the latest techniques, with the latest educational advances, and to the forefront of psychology. 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.

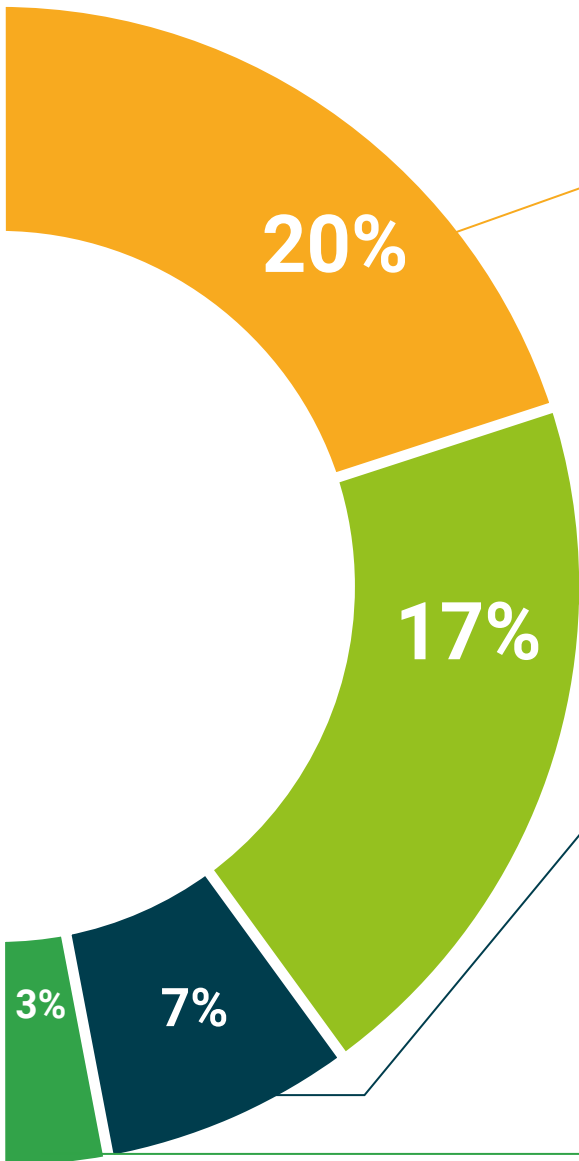
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".



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

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 & Re-testing

We periodically evaluate and re-evaluate your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you 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 our future difficult decisions.



Quick Action Guides

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.



06

Certificate

The Postgraduate Certificate in Neurology and Biochemistry of the Hypnotic State guarantees you, in addition to the most rigorous and updated training, access to a Postgraduate Certificate issued by TECH Global University.



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Successfully complete this training and receive your diploma without the hassle of travel or paperwork”

This program will allow you to obtain your **Postgraduate Certificate in Neurology and Biochemistry of the Hypnotic State** 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.

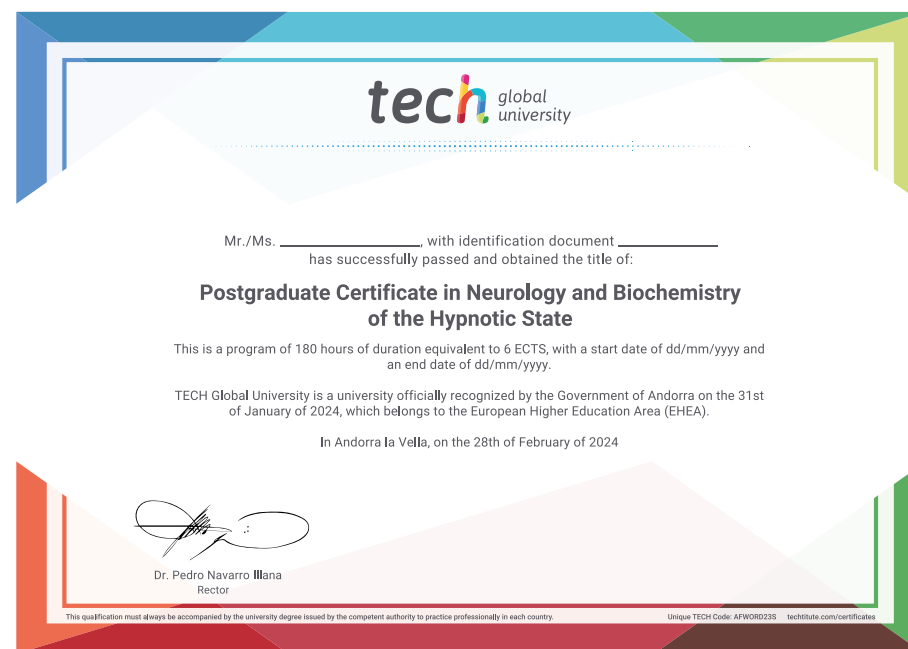
This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Neurology and Biochemistry of the Hypnotic State**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



*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.

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



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