

Postgraduate Certificate

Neurology, Psychiatry
and Sleep Disorders





Postgraduate Certificate Neurology, Psychiatry and Sleep Disorders

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

Website: www.techtute.com/us/medicine/postgraduate-certificate/neurology-psychiatry-sleep-disorders

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Structure and Content

p. 12

04

Study Methodology

p. 16

05

Certificate

p. 26

01

Introduction

Neuropsychiatric disorders in children are increasingly present at the doctor's office. In fact, it is estimated that many of the mental disorders they suffer from may have roots in this field, with a prevalence of environmental influence on gene expression. This situation requires specialists with the most up-to-date knowledge, in line with the latest scientific advances. In this way, this TECH qualification offers healthcare professionals all the education they need to excel in this area, delving into disorders such as epilepsy and non-epileptic seizures in children. With a review of healthcare procedures, students have a great opportunity in this area through a 100% online format.



“

Go on a journey through the most up-to-date healthcare procedures for treating neuropsychiatric disorders”

The effects of neuropsychiatric disorders in pediatric patients differ greatly from one child to another depending on the severity or the causes that give rise to it. In this sense, scientific evidence shows that the symptoms are likely to affect mood, emotions and brain activity in general. Without doubt, this situation can cause enormous suffering for families, who have to deal with children who are irritable, sad and even with mental disorders such as depression.

In this context, a comprehensive approach to neuropsychiatric disorders plays a crucial role, and medical specialists can update their knowledge with the latest information in this Postgraduate Certificate. Using innovative educational technologies, they will undertake a journey through the diagnosis of common disorders in the child population, such as Attention Deficit Hyperactivity Disorder or psychosomatic disorders.

They will also examine in depth the characteristics of Autism and will be introduced to the Neuroanatomy of Sleep. After analyzing this discipline, they will be prepared to approach the main sleep disorders from a Primary Care perspective. With all this and with the support of a solid teaching team, students will experience the benefits of keeping up to date in their field with TECH. In fact, a wide range of interactive resources will be available to them from the very beginning, and they are well worth discovering.

This **Postgraduate Certificate in Neurology, Psychiatry and Sleep Disorders** contains the most complete and up-to-date scientific program on the market.

The most important features include:

- The development of practical cases presented by experts in Psychiatric Neurology and Sleep Disorders
- The graphic, schematic and eminently practical contents with which it is conceived gather scientific and practical information on those disciplines that are indispensable 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



Become the doctor that parents need when it comes to identifying sleep disorders in their children thanks to TECH

“

Learn everything you need to know about epilepsy and non-epileptic seizure disorders in childhood and give your career a boost”

The program includes in its teaching staff professionals from the sector who bring to this program the experience of their work, as well as recognized 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.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the course. For this purpose, students will be assisted by an innovative interactive video system created by renowned experts.

Explore a scientific area with great potential that will update your working methodologies in your practice.

Examine the fundamentals of infantile cerebral palsy for a successful approach to your patients.



02 Objectives

TECH is aware that the frenetic pace of scientific progress today means that educational programs must make an effort to keep up to date or risk becoming obsolete. Fortunately for students, this Postgraduate Certificate is based on current scientific evidence to improve the approach to neuropsychiatric disorders. In this way, medical specialists will respond to the anxieties of many parents who demand accurate diagnoses and interventions for their children.





“

A program that keeps up with the breathtaking pace of scientific progress so that you can update your healthcare techniques in a way that is truly useful and effective”



General Objectives

- Update the physician in advanced life support and diagnostic and therapeutic techniques for pediatric patients with urgent pathology
- Expand knowledge in the provision of emergency care to improve the child's prognosis and family care
- Review the main pathologies in children and adolescents and the advances made in them



Lead the assessment of problems related to pediatric sleep in your area and intervene at the root cause"





Specific Objectives

- ♦ Describe the main characteristics of ADHD and the treatment options
- ♦ Identify emotional situations that may interfere with the child's normal development
- ♦ Identify the cause of headaches in a child and establish an adequate treatment plan
- ♦ Explain how to act in case of epileptic seizures and identify the types of seizures
- ♦ Describe the basic principles of sleep and the characteristics at each stage of childhood
- ♦ Evaluate problems related to sleep in pediatrics
- ♦ Establish an appropriate diagnosis and treatment in these types of disorders



03

Structure and Content

Students who take this comprehensive qualification will have an academic experience of 180 hours, spread over a six-week teaching period. In this way, TECH will provide them, through the Virtual Campus, with a syllabus with a broad and comprehensive vision, which will be kept up to date thanks to debate forums, video procedures, interactive diagrams, assessment exercises, etc. With the combination of all these resources, the study of the concepts will be a complete success, with them being kept in mind later on in their professional careers.





“

A syllabus that leaves no stone unturned; it examines the fundamentals of autism and the diagnosis of Down syndrome to provide accurate diagnoses for the family”

Module 1. Neurology, Psychiatry and Sleep Disorders

- 1.1. Headaches
- 1.2. Epilepsy and Disorders with Non-epileptic Seizures in Childhood (ADHD)
- 1.3. Pediatric Cerebral Palsy
- 1.4. Diagnosis and Monitoring of the Child with Down Syndrome
- 1.5. Attention Deficit Hyperactivity Disorder (ADHD)
- 1.6. Psychosomatic Disorders in Children and Adolescents
- 1.7. Autism
- 1.8. Introduction to the Neuroanatomy of Sleep
- 1.9. Clinical Suspicion of Sleep Disorders: Daytime Nocturnal Symptoms
- 1.10. Diagnosis and Treatment of the Main Sleep Disorders in PC





“

A program carefully designed by the specialists that make up the teaching team to ensure your professional success”

04

Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



“

TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

“

*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“*TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want*”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule”

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of 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.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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.

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.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



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.

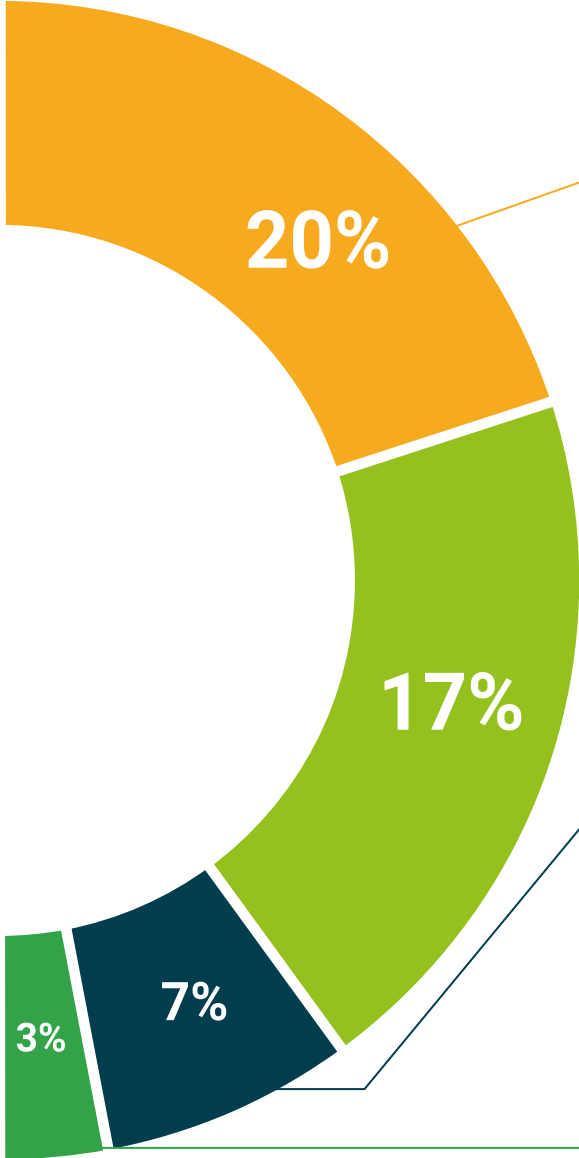
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





Case Studies

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.



Testing & Retesting

We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.



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 for 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 Neurology, Psychiatry and Sleep Disorders guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the Postgraduate Certificate issued by TECH Global University.



“

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

This private qualification will allow you to obtain a diploma for the **Postgraduate Certificate in Neurology, Psychiatry and Sleep Disorders** 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** private qualification, 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, Psychiatry and Sleep Disorders**

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.

Postgraduate Certificate Neurology, Psychiatry and Sleep Disorders

