

Postgraduate Certificate

Neurology and Biochemistry of the Hypnotic State for Physicians





Postgraduate Certificate Neurology and Biochemistry of the Hypnotic State for Physicians

- » Modality: online
- » Duration: 8 weeks
- » Certificate: TECH Global University
- » Accreditation: 8 ECTS
- » Schedule: at your own pace
- » Exams: online

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

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01

Introduction

Clinical hypnosis is a tool that allows us to connect with subcortical structures to subsequently alter traumatic memories or influence areas beyond conscious will, enabling us to address pain, anxiety, or an imbalanced mood. Numerous studies indicate that any psychotherapeutic procedure is much more effective when performed in a hypnotic state. For example, Irving Krisch found an 80% improvement when therapeutic activity was conducted in a hypnotic state as compared to during wakefulness.





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This Postgraduate Certificate covers all the essential knowledge about the biochemistry and neuroanatomy of the hypnotic state. It provides a comprehensive understanding of the chemical and neurological agents involved in states of wakefulness, hypervigilance, relaxation, hypnosis, and sleep”

We offer students all the current knowledge required to perform clinical hypnosis with full confidence. One of the key components of the program is the inclusion of Selective Dissociation Focus Techniques with M.C.I., which cannot be found in any other university course or hypnosis training program.

These techniques are distinctive in that they do not require verbal communication with the patient, the patient can keep their eyes open, and the hypnotic state can be achieved in just a few minutes—sometimes almost instantaneously. Neurological and biological research provides us with the confidence to uphold this statement.

By the end of this Postgraduate Certificate, physicians will have mastered all the necessary techniques to effectively induce hypnosis in their patients, understanding the changes occurring in the brain during hypnosis. This includes both traditional techniques, conversational approaches, and the Selective Dissociation Focus Techniques.



Update your knowledge through the Postgraduate Certificate in Neurology and Biochemistry of the Hypnotic State in a practical and adaptable way, tailored to your needs"

This **Postgraduate Certificate in Neurology and Biochemistry of the Hypnotic State for Physicians** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of clinical cases presented by experts in Neurology and Biochemistry of the Hypnotic State
- ♦ 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
- ♦ The latest developments in Neurology and Biochemistry of the Hypnotic State
- ♦ Practical exercises where self-assessment can be used to improve learning
- ♦ Algorithm-based interactive learning system for decision-making in the situations that are presented to the student
- ♦ A strong emphasis on methodologies based on Neurology and Biochemistry of the Hypnotic State
- ♦ 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

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This Postgraduate Certificate can be the best investment you can make when choosing a professional development program for two reasons: in addition to updating your knowledge in Neurology and Biochemistry of the Hypnotic State, you will also earn a diploma for the Postgraduate Certificate issued by TECH Global University”

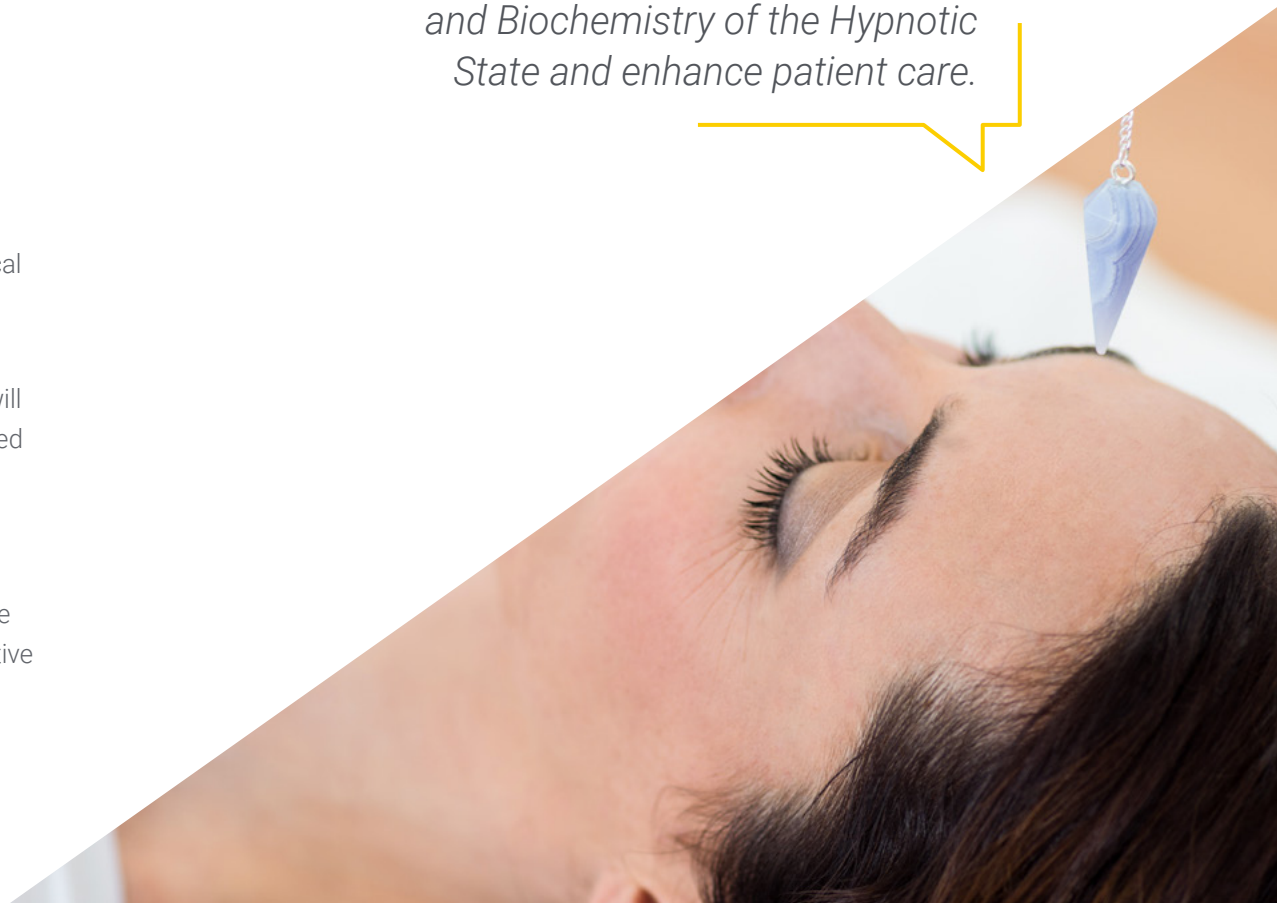
The course includes a teaching team of professionals from the field of Clinical Hypnosis, who bring their practical experience into the program, along with renowned specialists from leading scientific societies.

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 learning experience designed to prepare for real-life situations.

The design of this program focuses on Problem-Based Learning, where physicians must solve various real-world scenarios presented throughout the course. To aid in this, the specialist will have access to an innovative interactive video system created by distinguished experts in the field of Neurology and Biochemistry of the Hypnotic State, with extensive experience.

The Postgraduate Certificate includes real clinical cases and exercises to bridge the course content with the physician's clinical practice.

Take advantage of the opportunity to update your knowledge in Neurology and Biochemistry of the Hypnotic State and enhance patient care.



02 Objectives

The main objective of this program is to develop both theoretical and practical learning, enabling physicians to practically and rigorously master the Neurology and Biochemistry of the Hypnotic State.





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This update program will instill confidence in the physician's practice, helping them grow both 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



Specific Objectives

- » Achieve, through regression, the removal of the emotional sequestration that traps the patient
- » 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 to avoid iatrogenic reactions
- » Identify the neurological axes and planes involved in performing Induced Head Movement techniques
- » Substantiate, based a scientific knowledge, the dynamics that occur in induction and hypnotic state

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*Take the step to update your knowledge
with the latest developments in Neurology
and Biochemistry of the Hypnotic State”*



03

Course Management

This program includes highly regarded health professionals in the field of psychology in its teaching staff, who bring the experience of their work to this training.

Additionally, renowned specialists—members of prestigious national and international scientific societies—have participated in the design and development of the program.



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*Learn from leading professionals about
the latest advances in Neurology and
Biochemistry of the Hypnotic State”*

Management



Dr. Aguado Romo, Roberto

- Clinical Psychologist specializing in Clinical Psychology at the 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

Faculty

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 M.D

- ♦ 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 for Chronic Illnesses
- ♦ Psychologist of the Alzheimer's Association
- ♦ Course in Time-Limited Psychotherapy and Health Psychology

Mr. Espinoza, Oscar M.D

- ♦ Medical specialist 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

Dr. Fernandez, Inmaculada

- ♦ Doctor in Psychology from the University of Almeria
- ♦ Psychologist specializing in Clinical Psychology
- ♦ Head of the Department of Neuropsychology, University of Almeria
- ♦ Expert in Cognitive Therapy based on Mindfulness
- ♦ Expert in Time Limited Psychotherapy

Ms. Furelos, Maribel

- ♦ Psychologist specializing in Clinical Psychology
- ♦ Sexologist in Osakidetza at the Santurce outpatient clinic
- ♦ Course in Time-Limited Psychotherapy and Health Psychology



04

Structure and Content

The structure of the content has been designed by a team of professionals from the best hospital centers and universities across the country, fully aware of the importance of up-to-date training for effective intervention in learning. They are committed to delivering high-quality education through the latest educational technologies.



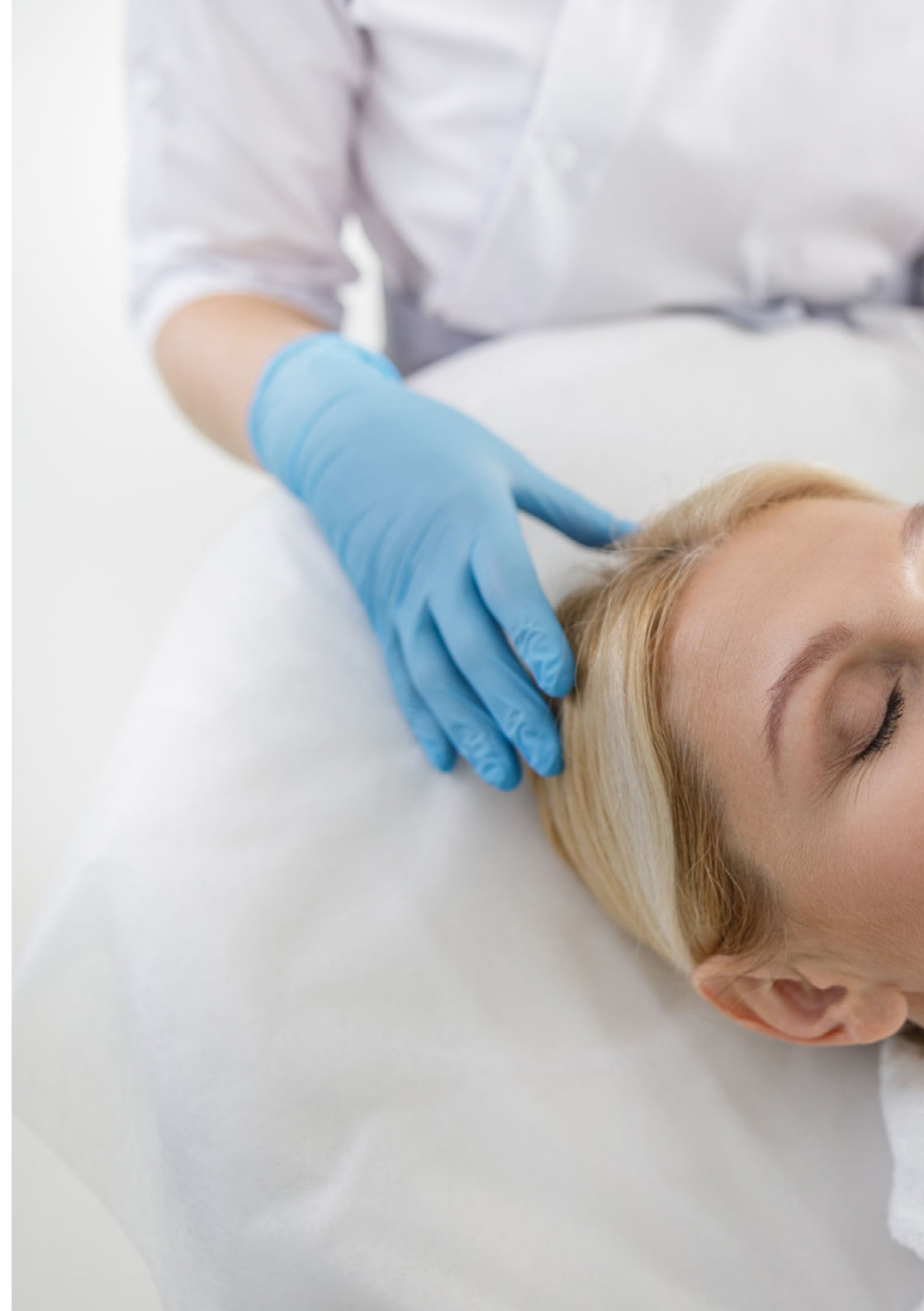


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This Postgraduate Certificate in Neurology and Biochemistry of the Hypnotic State for Physicians contains the most complete and up-to-date scientific program on the market”

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. Aguado's 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 Formed?
- 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, essential and decisive learning experience to boost your professional development”

05 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.



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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.

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*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.

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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.

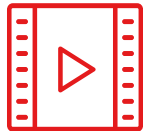
The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

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

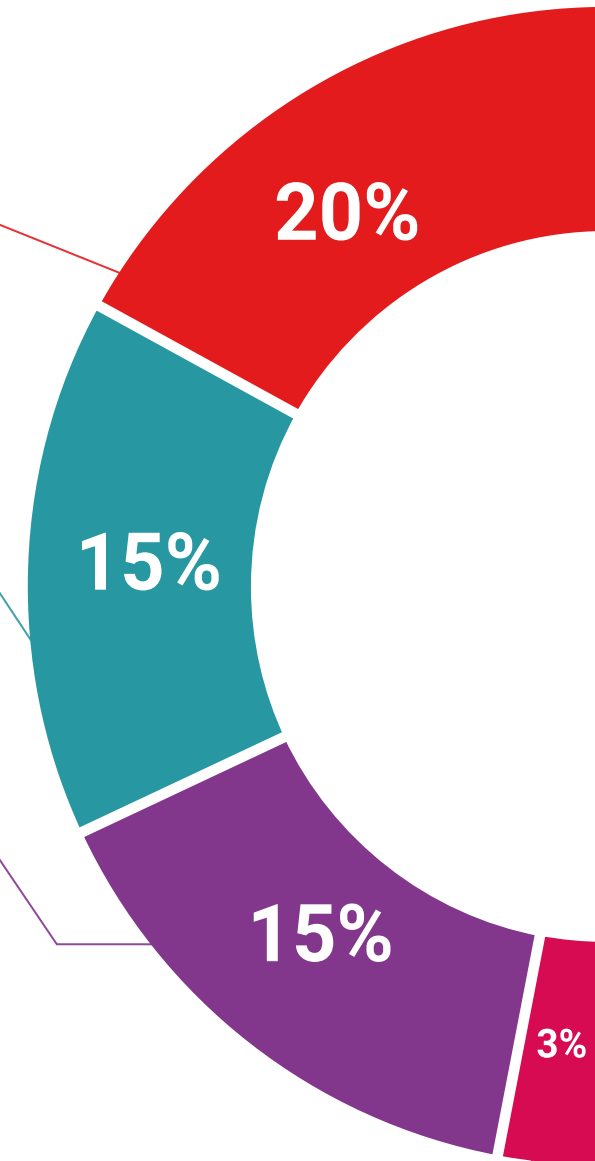
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

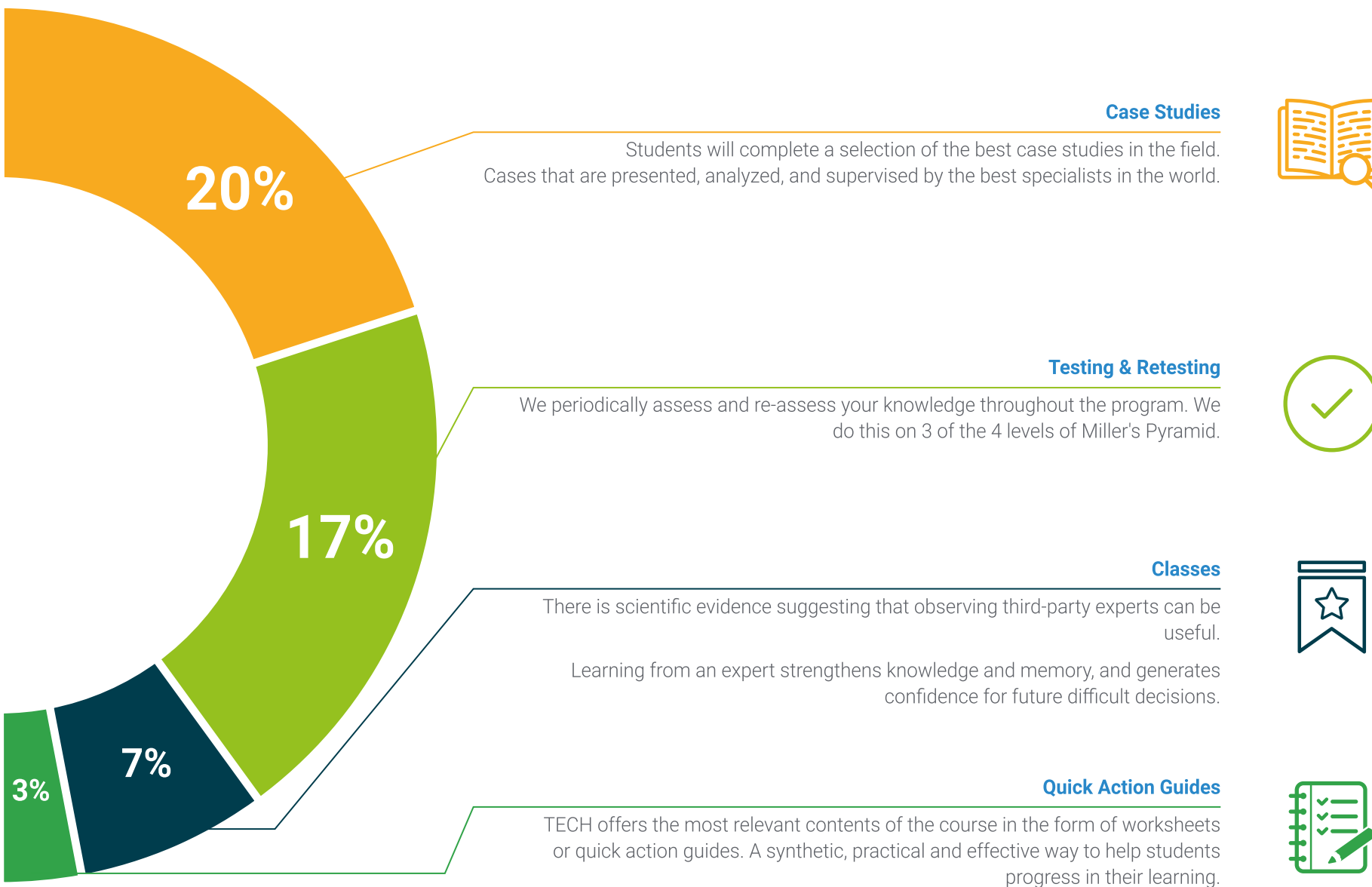
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





06 Certificate

The Postgraduate Certificate in Neurology and Biochemistry of the Hypnotic State for Physicians 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.



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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 and Biochemistry of the Hypnotic State for Physicians** 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.

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