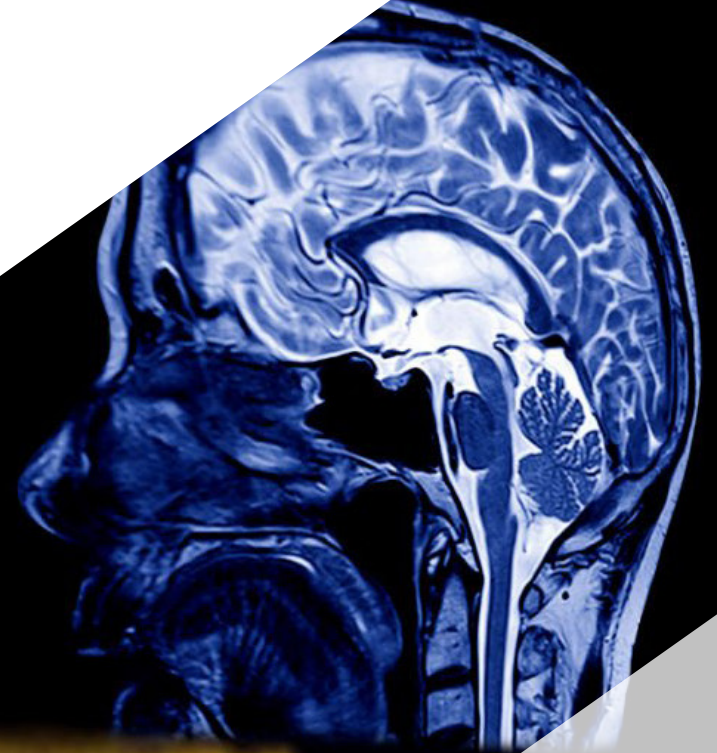


Hybrid Master's Degree Clinical Neuropsychology





Hybrid Master's Degree Clinical Neuropsychology

Modality: Hybrid (Online + Internship)

Duration: 12 months

Certificate: TECH Global University

Credits: 60 + 4 ECTS

Website: www.techtitude.com/us/medicine/hybrid-master-degree/hybrid-master-degree-clinical-neuropsychology

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01

Introduction to the Program

The progressive increase in Neurodegenerative Diseases such as Multiple Sclerosis has reinforced the need for clinical tools that enable early detection. In this context, Clinical Neuropsychology offers highly sensitive procedures for assessing Cognitive, Emotional, and Behavioral Disorders from early stages. Hence the importance of specialists incorporating the most modern tools into their daily clinical practice to obtain differential diagnoses and optimize clinical follow-up. With this in mind, TECH has created a pioneering university degree focused on the latest advances in the field of Clinical Neuropsychology.





“

With this Hybrid Master's Degree, you will create individualized treatment plans that will optimize the overall well-being of patients with various Neurocognitive Disorders”

A new study conducted by the World Health Organization predicts that more than 55 million people suffer from Alzheimer's disease. The institution also expects this figure to triple in the coming years due to the progressive aging of the population and increased life expectancy. Faced with this scenario, physicians have a responsibility to strengthen their skills in the early identification of signs of cognitive impairment and to implement effective therapeutic strategies. However, this work poses significant challenges, such as time and resource constraints for conducting comprehensive neurocognitive assessments.

In this context, TECH presents an innovative Hybrid Master's Degree in Clinical Neuropsychology. Designed by leading experts in the field, the academic program will delve into the fundamentals of the embryonic development of the nervous system and the neurobiological mechanisms involved in attentional processes. The syllabus will also provide a variety of therapeutic strategies aimed at the comprehensive treatment of the main Neurodegenerative Diseases. As a result, graduates will develop advanced skills to design personalized interventions according to each patient's cognitive profile, thereby contributing to significantly improving their well-being and functionality.

Furthermore, TECH has developed a university program based on flexibility and free access to educational content. This means that all physicians need is an electronic device with Internet access to enter the Virtual Campus. In addition, this virtual platform offers a library full of multimedia resources (such as interactive summaries, case studies, and specialized readings) to strengthen the process of updating knowledge. In this regard, TECH uses its disruptive Relearning methodology, which guarantees a natural and progressive assimilation of essential concepts.

In addition, a renowned International Guest Director will offer 10 exclusive Masterclasses.

This **Hybrid Master's Degree in Clinical Neuropsychology** contains the most complete and up-to-date scientific program on the market. The most important features include:

- Development of more than 100 clinical cases presented by professionals in Clinical Neuropsychology
- Its graphic, schematic and practical contents provide essential information on those disciplines that are indispensable for professional practice
- All of this will be complemented by 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
- Furthermore, you will be able to carry out an internship in one of the best companies



A prestigious International Guest Director will deliver 10 rigorous masterclasses exploring the latest advances in Clinical Neuropsychology"

“

You will stand out for your ethical commitment to caring for people with Cognitive Impairments, respecting both their confidentiality and their dignity”

This Hybrid Master’s Degree is designed to update the knowledge of professionals in Clinical Neuropsychology who require a high level of qualification. The contents are based on the latest scientific evidence, and oriented in a didactic way to integrate theoretical knowledge into medical practice, and the theoretical-practical elements will facilitate the updating of knowledge and will allow decision making in patient management.

Thanks to their multimedia content developed with the latest educational technology, they will enable Clinical Neuropsychology professionals to engage in situated and contextual learning, i.e., a simulated environment that will provide immersive learning programmed to prepare them for real-life situations. The design of this program is based on Problem-Based Learning, by means of which the student must try to solve the different professional practice situations that arise during the program. For this purpose, students will be assisted by an innovative interactive video system created by renowned experts.

You will master the neuroanatomical and functional bases of the main Neurological Disorders, allowing you to gain an in-depth understanding of the origin of the associated Behavioral Disorders.

You will have access to a variety of complementary multimedia resources, such as detailed videos, interactive summaries, and specialized readings based on the latest evidence.



02

Why Study at TECH?

TECH is the world's largest online university. With an impressive catalog of more than 14,000 university programs, available in 11 languages, it is positioned as a leader in employability, with a 99% job placement rate. In addition, it has a huge faculty of more than 6,000 professors of the highest international prestige.



“

Study at the largest online university in the world and ensure your professional success. The future begins at TECH”

The world's best online university, according to FORBES

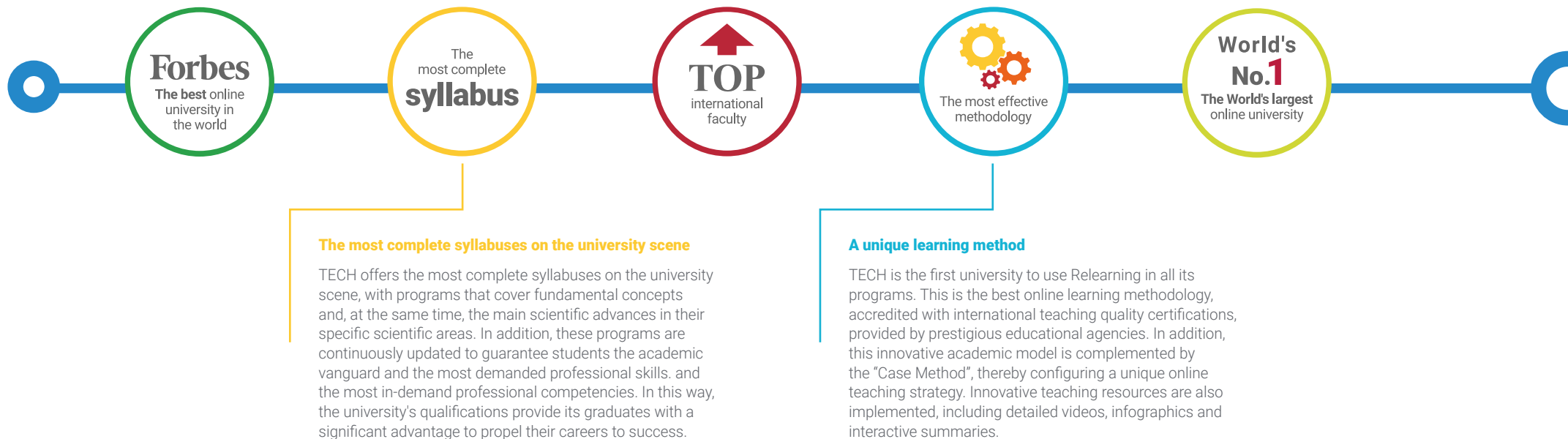
The prestigious Forbes magazine, specialized in business and finance, has highlighted TECH as "the best online university in the world" This is what they have recently stated in an article in their digital edition in which they echo the success story of this institution, "thanks to the academic offer it provides, the selection of its teaching staff, and an innovative learning method oriented to form the professionals of the future".

The best top international faculty

TECH's faculty is made up of more than 6,000 professors of the highest international prestige. Professors, researchers and top executives of multinational companies, including Isaiah Covington, performance coach of the Boston Celtics; Magda Romanska, principal investigator at Harvard MetaLAB; Ignacio Wistumba, chairman of the department of translational molecular pathology at MD Anderson Cancer Center; and D.W. Pine, creative director of TIME magazine, among others.

The world's largest online university

TECH is the world's largest online university. We are the largest educational institution, with the best and widest digital educational catalog, one hundred percent online and covering most areas of knowledge. We offer the largest selection of our own degrees and accredited online undergraduate and postgraduate degrees. In total, more than 14,000 university programs, in ten different languages, making us the largest educational institution in the world.



The official online university of the NBA

TECH is the official online university of the NBA. Thanks to our agreement with the biggest league in basketball, we offer our students exclusive university programs, as well as a wide variety of educational resources focused on the business of the league and other areas of the sports industry. Each program is made up of a uniquely designed syllabus and features exceptional guest hosts: professionals with a distinguished sports background who will offer their expertise on the most relevant topics.

Leaders in employability

TECH has become the leading university in employability. Ninety-nine percent of its students obtain jobs in the academic field they have studied within one year of completing any of the university's programs. A similar number achieve immediate career enhancement. All this thanks to a study methodology that bases its effectiveness on the acquisition of practical skills, which are absolutely necessary for professional development.



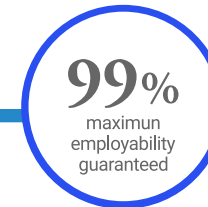
Google Premier Partner

The American technology giant has awarded TECH the Google Premier Partner badge. This award, which is only available to 3% of the world's companies, highlights the efficient, flexible and tailored experience that this university provides to students. The recognition not only accredits the maximum rigor, performance and investment in TECH's digital infrastructures, but also places this university as one of the world's leading technology companies.



The top-rated university by its students

Students have positioned TECH as the world's top-rated university on the main review websites, with a highest rating of 4.9 out of 5, obtained from more than 1,000 reviews. These results consolidate TECH as the benchmark university institution at an international level, reflecting the excellence and positive impact of its educational model.



03

Syllabus

The teaching materials that make up this Hybrid Master's Degree have been developed by renowned experts in Clinical Neuropsychology. The study plan will delve into issues ranging from the principles of nervous system embryology to the neurobiological bases of attention. Likewise, the syllabus will offer the most innovative techniques for the early identification of complex conditions such as Multiple Sclerosis. The teaching materials will also delve into various therapeutic interventions for a comprehensive approach to Neurodegenerative Diseases. Thanks to this, graduates will design personalized therapies based on each patient's neuropsychological profile and optimize their quality of life.



“

You will use state-of-the-art technological tools to perform high-precision neuropsychological assessments and monitor users' cognitive development”

Module 1. Introduction to Neuropsychology

- 1.1. Introduction to Neuropsychology
 - 1.1.1. Basis and Origins of Neuropsychology
 - 1.1.2. First Approaches to the Discipline
- 1.2. First Approaches to the Neuropsychology
 - 1.2.1. First Works Within Neuropsychology
 - 1.2.2. Most Relevant Authors and Works
- 1.3. Ontogeny and Phylogeny of the CNS
 - 1.3.1. Concept of Ontogeny and Phylogeny
 - 1.3.2. Ontogeny and Phylogeny Within the CNS
- 1.4. Cellular and Molecular Neurobiology
 - 1.4.1. Introduction to Neurobiology
 - 1.4.2. Cellular and Molecular Neurobiology
- 1.5. Neurobiology of Systems
 - 1.5.1. Concepts of Systems
 - 1.5.2. Structures and Development
- 1.6. Embryology of the Nervous System
 - 1.6.1. Principles of Embryology of the Nervous System
 - 1.6.2. Phases of CNS Embryology
- 1.7. Introduction to Structural Anatomy CNS
 - 1.7.1. Introduction to Structural Anatomy
 - 1.7.2. Structural Development
- 1.8. Introduction to Functional Anatomy
 - 1.8.1. What is Function Anatomy?
 - 1.8.2. Most Important Functions
- 1.9. Neuroimaging Techniques
 - 1.9.1. Concept of Neuroimaging
 - 1.9.2. Most Commonly Used Techniques
 - 1.9.3. Advantages and Disadvantages

Module 2. Principles of Neuroanatomy

- 2.1. Formation of the Nervous System
 - 2.1.1. Anatomical and Functional Organization of the Nervous System
 - 2.1.2. Neurons
 - 2.1.3. Glial Cells
 - 2.1.4. Central Nervous System: Brain and Spinal Cord
 - 2.1.5. Main Structures:
 - 2.1.5.1. Forebrain
 - 2.1.5.2. Midbrain
 - 2.1.5.3. Rhombencephalon
- 2.2. Formation of the Nervous System II
 - 2.2.1. Peripheral Nervous System
 - 2.2.1.1. Somatic Nervous System
 - 2.2.1.2. Neurovegetative or Autonomic Nervous System
 - 2.2.1.3. White Matter
 - 2.2.1.4. Gray Matter
 - 2.2.1.5. Meninges
 - 2.2.1.6. Cerebrospinal Fluid
- 2.3. The Neurone and its Composition
 - 2.3.1. Introduction to the Neurone and its Function
 - 2.3.2. The Neurone and its Composition
- 2.4. Electric and Chemical Synapses
 - 2.4.1. What is a Synapse?
 - 2.4.2. Electrical Synapse
 - 2.4.3. Chemical Synapse
- 2.5. Neurotransmitters
 - 2.5.1. What is a Neurotransmitter?
 - 2.5.2. Types of Neurotransmitters and their Functioning
- 2.6. Neuroendocrinology (Hypothalamus-Endocrine System Relationship)
 - 2.6.1. Introduction to Neuroendocrinology
 - 2.6.2. Basis of Neuroendocrinological Functioning

- 2.7. Neuroimmunology (Relationship between the Nervous System and Immune System)
 - 2.7.1. Introduction to Neuroimmunology
 - 2.7.2. Basis and Fundamentals of Neuroimmunology
- 2.8. Nervous System in Childhood and Adolescence
 - 2.8.1. Development of CNS
 - 2.8.2. Bases and Characteristics
- 2.9. Nervous System in Adulthood
 - 2.9.1. Bases and Characteristics of the CNS
- 2.10. Nervous System in Old Age
 - 2.10.1. Bases and Characteristics of the CNS in Old Age
 - 2.10.2. Main Related Problems

Module 3. Functional Neuroanatomy

- 3.1. Frontal Lobe
 - 3.1.1. Introduction to the Frontal Lobe
 - 3.1.2. Main Features
 - 3.1.3. Principles of their Functioning
- 3.2. Neuropsychology of the Dorsolateral Prefrontal Cortex
 - 3.2.1. Introduction to the Dorsolateral Prefrontal Cortex
 - 3.2.2. Main Features
 - 3.2.3. Principles of their Functioning
- 3.3. Neuropsychology of the Orbitofrontal Cortex
 - 3.3.1. Introduction to the Orbitofrontal Cortex
 - 3.3.2. Main Features
 - 3.3.3. Principles of their Functioning
- 3.4. Neuropsychology of the Medial Prefrontal Cortex
 - 3.4.1. Introduction to the Dorsolateral Prefrontal Cortex
 - 3.4.2. Main Features
 - 3.4.3. Principles of their Functioning
- 3.5. Motor Cortex
 - 3.5.1. Introduction to the Motor Cortex
 - 3.5.2. Main Features
 - 3.5.3. Principles of their Functioning

- 3.6. Temporal Lobe
 - 3.6.1. Introduction to the Temporal Lobe Cortex
 - 3.6.2. Main Features
 - 3.6.3. Principles of their Functioning
- 3.7. Parietal Lobe
 - 3.7.1. Introduction to the Parietal Lobe Cortex
 - 3.7.2. Main Features
 - 3.7.3. Principles of their Functioning
- 3.8. Occipital Lobe
 - 3.8.1. Introduction to the Occipital Lobe Cortex
 - 3.8.2. Main Features
 - 3.8.3. Principles of their Functioning
- 3.9. Cerebral Asymmetry
 - 3.9.1. Concept of Brain Asymmetry
 - 3.9.2. Characteristics and Functioning

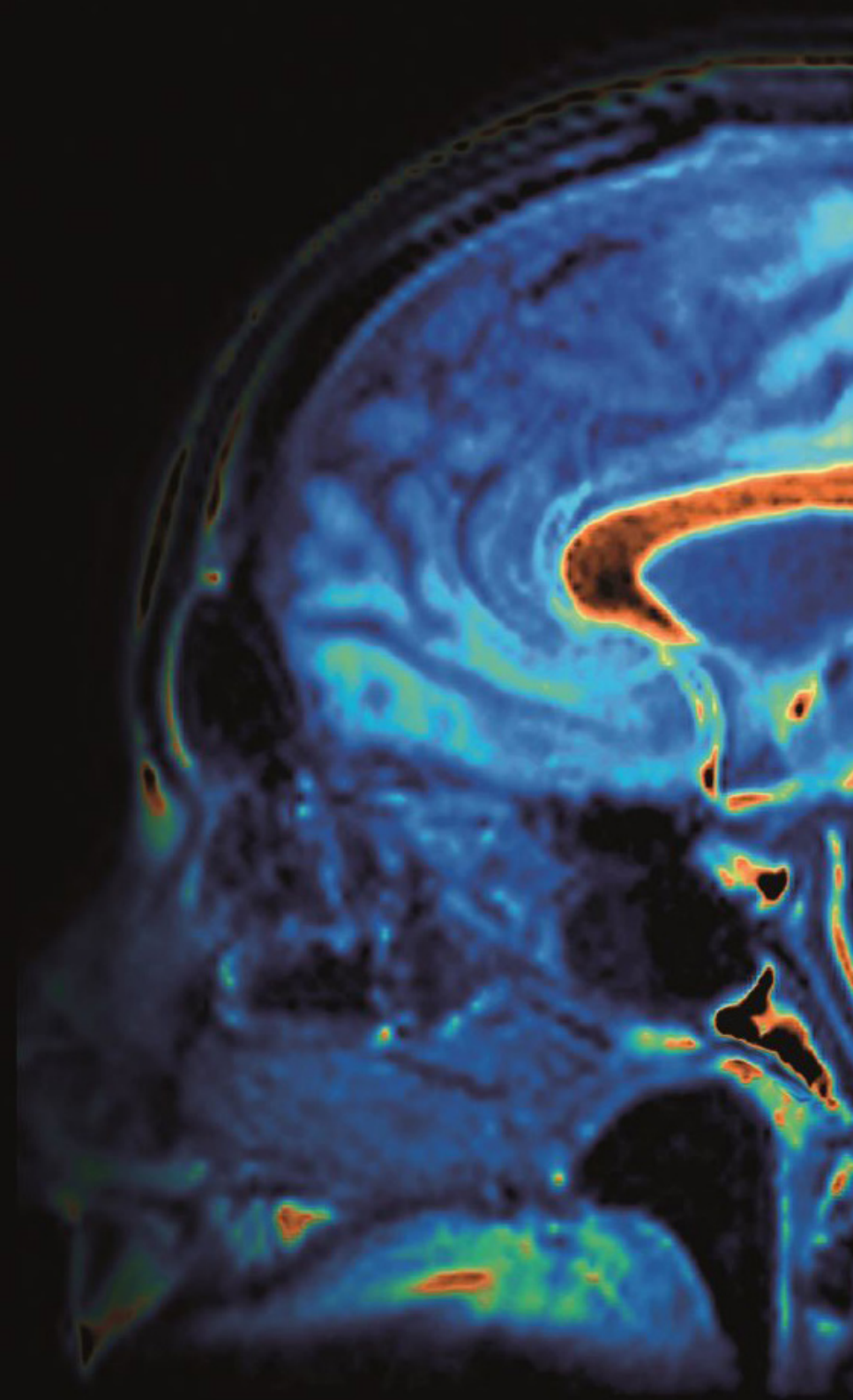
Module 4. Cognitive Functions

- 4.1. Neurological Principles of Attention
 - 4.1.1. Introduction to the Concept of Attention
 - 4.1.2. Neurobiological Principles and Foundations of Attention
- 4.2. Neurobiological Principles of Memory
 - 4.2.1. Introduction to the Concept of Memory
 - 4.2.2. Neurobiological Principles and Foundations of Memory
- 4.3. Neurological Principles of Language
 - 4.3.1. Introduction to the Concept of Language
 - 4.3.2. Neurobiological Principles and Foundations of Language
- 4.4. Neurobiological Principles of Perception
 - 4.4.1. Introduction to the Concept of Perception
 - 4.4.2. Neurobiological Principles and Foundations of Perception
- 4.5. Visuospatial Neurobiological Principles
 - 4.5.1. Introduction to Visuospatial Functions
 - 4.5.2. Principles and Fundamentals of Visuospatial Functions

- 4.6. Neurobiological Principles of Executive Functions
 - 4.6.1. Introduction to Executive Functions
 - 4.6.2. Principles and Fundamentals of Executive Functions
- 4.7. Praxis
 - 4.7.1. What are Praxis?
 - 4.7.2. Characteristics and Types
- 4.8. Aphasia
 - 4.8.1. What are Aphasia?
 - 4.8.2. Characteristics and Types
- 4.9. Social Cognition
 - 4.9.1. Introduction to Social Cognition
 - 4.9.2. Characteristics and Theoretical Foundations

Module 5. Brain Injury

- 5.1. Neuropsychological and Behavior Disorders of Genetic Origin
 - 5.1.1. Introduction
 - 5.1.2. Genes, Chromosomes and Hereditary
 - 5.1.3. Genes and Behavior
- 5.2. Early Brain Injury Disorder
 - 5.2.1. Introduction
 - 5.2.2. The Brain in Early Childhood
 - 5.2.3. Pediatric Cerebral Palsy
 - 5.2.4. Psychosyndromes
 - 5.2.5. Learning Disorders
 - 5.2.6. Neurobiological Disorders that Affect Learning
- 5.3. Vascular Brain Disorders
 - 5.3.1. Introduction to Cerebrovascular Disorders
 - 5.3.2. Most Common Types
 - 5.3.3. Characteristics and Symptomology





- 5.4. Management
 - 5.4.1. Introduction to Brain Tumors
 - 5.4.2. Most Common Types
 - 5.4.3. Characteristics and Symptomology
- 5.5. Cranioencephalic Traumas
 - 5.5.1. Introduction to Trauma
 - 5.5.2. Most Common Types
 - 5.5.3. Characteristics and Symptomology
- 5.6. CNS Infections
 - 5.6.1. Introduction the CNS Infections
 - 5.6.2. Most Common Types
 - 5.6.3. Characteristics and Symptomology
- 5.7. Epileptic Disorders
 - 5.7.1. Introduction to Epileptic Disorders
 - 5.7.2. Most Common Types
 - 5.7.3. Characteristics and Symptomology
- 5.8. Alterations in the Level of Consciousness
 - 5.8.1. Introduction to Altered Levels of Consciousness
 - 5.8.2. Most Common Types
 - 5.8.3. Characteristics and Symptomology
- 5.9. Acquired Brain Injury
 - 5.9.1. Concept of Acquired Brain Injury
 - 5.9.2. Most Common Types
 - 5.9.3. Characteristics and Symptomology
- 5.10. Disorders Related to Pathological Aging
 - 5.10.1. Introduction
 - 5.10.2. Psychological Disorders Related to Pathological Aging

Module 6. Aphasias, Agraphias and Alexias

- 6.1. Broca's Aphasia
 - 6.1.1. Basis and Origin of Broca's Aphasia
 - 6.1.2. Characteristics and Symptomology
 - 6.1.3. Assessment and Diagnosis
- 6.2. Wernicke's Aphasia
 - 6.2.1. Basis and Origin of Wernicke's Aphasia
 - 6.2.2. Characteristics and Symptomology
 - 6.2.3. Assessment and Diagnosis
- 6.3. Conduction Aphasia
 - 6.3.1. Basis and Origin of Conduction Aphasia
 - 6.3.2. Characteristics and Symptomology
 - 6.3.3. Assessment and Diagnosis
- 6.4. Global Aphasia
 - 6.4.1. Basis and Origin of Global Aphasia
 - 6.4.2. Characteristics and Symptomology
 - 6.4.3. Assessment and Diagnosis
- 6.5. Sensory Transcortical Aphasia
 - 6.5.1. Basis and Origin of Broca's Aphasia
 - 6.5.2. Characteristics and Symptomology
 - 6.5.3. Assessment and Diagnosis
- 6.6. Motor Transcortical Aphasia
 - 6.6.1. Basis and Origin of Motor Transcortical Aphasia
 - 6.6.2. Characteristics and Symptomology
 - 6.6.3. Assessment and Diagnosis
- 6.7. Mixed Transcortical Aphasia
 - 6.7.1. Basis and Origin of Mixed Transcortical Aphasia
 - 6.7.2. Characteristics and Symptomology
 - 6.7.3. Assessment and Diagnosis

- 6.8. Anomic Aphasia
 - 6.8.1. Principles and Origin of Anomic Aphasia
 - 6.8.2. Characteristics and Symptomology
 - 6.8.3. Assessment and Diagnosis
- 6.9. Agraphias
 - 6.9.1. Principles and Origin of Agraphias
 - 6.9.2. Characteristics and Symptomology
 - 6.9.3. Assessment and Diagnosis
- 6.10. Alexias
 - 6.10.1. Principles and Origin of Alexias
 - 6.10.2. Characteristics and Symptomology
 - 6.10.3. Assessment and Diagnosis

Module 7. Cognitive Deficits

- 7.1. Attention Pathology
 - 7.1.1. Main Attention Pathologies
 - 7.1.2. Characteristics and Symptomology
 - 7.1.3. Assessment and Diagnosis
- 7.2. Memory Pathology
 - 7.2.1. Main Memory Pathologies
 - 7.2.2. Characteristics and Symptomology
 - 7.2.3. Assessment and Diagnosis
- 7.3. Dysexecutive Syndrome
 - 7.3.1. What is Dysexecutive Syndrome?
 - 7.3.2. Characteristics and Symptomology
 - 7.3.3. Assessment and Diagnosis
- 7.4. Apraxias I
 - 7.4.1. Concept of Apraxia
 - 7.4.2. Main Modalities
 - 7.4.2.1. Ideomotor Apraxia
 - 7.4.2.2. Ideational Apraxia
 - 7.4.2.3. Constructional Apraxia
 - 7.4.2.4. Clothing Apraxia

- 7.5. Apraxias II
 - 7.5.1. Gait Apraxia
 - 7.5.2. Apraxia of Speech or Phonation
 - 7.5.3. Optical Apraxia
 - 7.5.4. Callosal Apraxia
 - 7.5.5. Examination of the Apraxias:
 - 7.5.5.1. Neuropsychological Assessment
 - 7.5.5.2. Cognitive Rehabilitation
- 7.6. Agnosias I
 - 7.6.1. Concept of Agnosias
 - 7.6.2. Visual Agnosias
 - 7.6.2.1. Agnosia for Objects
 - 7.6.2.2. Simultanagnosia
 - 7.6.2.3. Prosopagnosia
 - 7.6.2.4. Chromatic Agnosia
 - 7.6.2.5. Others
 - 7.6.3. Auditory Agnosias
 - 7.6.3.1. Amusia
 - 7.6.3.2. Agnosia for Sounds
 - 7.6.3.3. Verbal Agnosia
 - 7.6.4. Somatosensory Agnosias
 - 7.6.4.1. Astereognosia
 - 7.6.4.2. Tactile Agnosia
- 7.7. Agnosias II
 - 7.7.1. Olfactory Agnosias
 - 7.7.2. Agnosia in Diseases
 - 7.7.2.1. Anosognosia
 - 7.7.2.2. Asomatognosia
 - 7.7.3. Assessment of Agnosias
 - 7.7.4. Cognitive Rehabilitation

- 7.8. Social Cognition Deficit
 - 7.8.1. Introduction to Social Cognition
 - 7.8.2. Characteristics and Symptomology
 - 7.8.3. Assessment and Diagnosis
- 7.9. Autism Spectrum Disorder
 - 7.9.1. Introduction
 - 7.9.2. ASD Diagnosis
 - 7.9.3. Cognitive and Neuropsychological Profile Associated with ASD

Module 8. Neurodegenerative Diseases

- 8.1. Normal Aging
 - 8.1.1. Basic Cognitive Processes in Normal Aging
 - 8.1.2. Superior Cognitive Processes in Normal Aging
 - 8.1.3. Attention and Memory in Elderly People with Normal Aging
- 8.2. Cognitive Reserve and Its Importance in Aging
 - 8.2.1. Cognitive Reserve: Definition and Basic Concepts
 - 8.2.2. Functionality of Cognitive Reserve
 - 8.2.3. Influencing Variables in Cognitive Reserve
 - 8.2.4. Interventions Based on Improving Cognitive Reserve in the Elderly
- 8.3. Multiple Sclerosis
 - 8.3.1. Concepts and Biological Foundations of Multiple Sclerosis
 - 8.3.2. Characteristics and Symptomology
 - 8.3.3. Patient Profile
 - 8.3.4. Assessment and Diagnosis
- 8.4. Amyotrophic Lateral Sclerosis
 - 8.4.1. Concepts and Biological Foundations of Amyotrophic Lateral Sclerosis (ALS)
 - 8.4.2. Characteristics and Symptomology
 - 8.4.3. Patient Profile
 - 8.4.4. Assessment and Diagnosis

- 8.5. Parkinson's Disease
 - 8.5.1. Concepts and Biological Foundations of Parkinson's Disease
 - 8.5.2. Characteristics and Symptomology
 - 8.5.3. Patient Profile
 - 8.5.4. Assessment and Diagnosis
- 8.6. Huntington's Disease
 - 8.6.1. Concepts and Biological Foundations of Huntington's Disease
 - 8.6.2. Characteristics and Symptomology
 - 8.6.3. Patient Profile
 - 8.6.4. Assessment and Diagnosis
- 8.7. Dementia of the Alzheimer Type
 - 8.7.1. Concepts and Biological Foundations of Dementia of the Alzheimer Type
 - 8.7.2. Characteristics and Symptomology
 - 8.7.3. Patient Profile
 - 8.7.4. Assessment and Diagnosis
- 8.8. Pick's Dementia
 - 8.8.1. Concepts and Biological Foundations of Pick's Dementia
 - 8.8.2. Characteristics and Symptomology
 - 8.8.3. Patient Profile
 - 8.8.4. Assessment and Diagnosis
- 8.9. Lewy Body Dementia
 - 8.9.1. Concepts and Biological Foundations of Lewy Body Dementia
 - 8.9.2. Characteristics and Symptomology
 - 8.9.3. Patient Profile
 - 8.9.4. Assessment and Diagnosis
- 8.10. Vascular Dementia
 - 8.10.1. Concepts and Biological Foundations of Vascular Dementia
 - 8.10.2. Characteristics and Symptomology
 - 8.10.3. Patient Profile
 - 8.10.4. Assessment and Diagnosis





Module 9. Neuropsychological Assessment and Rehabilitation

- 9.1. Assessment of Attention and Memory
 - 9.1.1. Introduction to the Assessment of Attention and Memory
 - 9.1.2. Main Instruments
- 9.2. Language Assessment
 - 9.2.1. Introduction to the Assessment of Language
 - 9.2.2. Main Instruments
- 9.3. Executive Functions Assessment
 - 9.3.1. Introduction to the Assessment of Executive Functions
 - 9.3.2. Main Instruments
- 9.4. Assessment of Praxias and Gnosias
 - 9.4.1. Introduction to the Assessment of Praxias and Gnosias
 - 9.4.2. Main Instruments
- 9.5. Variables that Intervene in the Recovery of a Patient
 - 9.5.1. Risk Factors
 - 9.5.2. Protective Factors
- 9.6. Strategies: Restoration, Compensation and Mixed Strategies
 - 9.6.1. Restoration Strategies
 - 9.6.2. Compensation Strategies
 - 9.6.3. Mixed Strategies
- 9.7. Rehabilitation of Attention, Memory, Executive Functions and Agnosias
 - 9.7.1. Rehabilitation of Attention
 - 9.7.2. Rehabilitation of Memory
 - 9.7.3. Rehabilitation of Executive Functions
 - 9.7.4. Rehabilitation of Agnosias
- 9.8. Adapting to the Environment and External Support
 - 9.8.1. Adapting the Environment to Meet the Constraints
 - 9.8.2. How to Help the Patient in an External Way?

- 9.9. Biofeedback Techniques as Intervention
 - 9.9.1. Biofeedback: Definition and Basic Concepts
 - 9.9.2. Techniques that Use Biofeedback
 - 9.9.3. Biofeedback as an Intervention Method in Health Psychology
 - 9.9.4. Evidence on the Use of Biofeedback in the Treatment of Certain Disorders
- 9.10. Transcranial Magnetic Stimulation (TMS) as an Intervention
 - 9.10.1. Transcranial Magnetic Stimulation: Definition and Basic Concepts
 - 9.10.2. Functional Areas Considered Therapeutic Targets of Transcranial Magnetic Stimulation
 - 9.10.3. Results of Intervention through TMS in Health Psychology

Module 10. Pharmacological Treatment

- 10.1. Introduction to Psychopharmacology
 - 10.1.1. Principles and Introduction to Psychopharmacology
 - 10.1.2. General Principles of Psychopharmacological Treatment
 - 10.1.3. Main Applications
- 10.2. Antidepressants
 - 10.2.1. Introduction
 - 10.2.2. Types of Antidepressants
 - 10.2.3. Mechanism of Action
 - 10.2.4. Indications
 - 10.2.5. Drugs of the Group
 - 10.2.6. Dosage and Forms of Administration
 - 10.2.7. Side Effects
 - 10.2.8. Contraindications
 - 10.2.9. Drug Interactions
 - 10.2.10. Patient Information

- 10.3. Antipsychotics
 - 10.3.1. Introduction
 - 10.3.2. Types of Antipsychotics
 - 10.3.3. Mechanism of Action
 - 10.3.4. Indications
 - 10.3.5. Drugs of the Group
 - 10.3.6. Dosage and Forms of Administration
 - 10.3.7. Side Effects
 - 10.3.8. Contraindications
 - 10.3.9. Drug Interactions
 - 10.3.10. Patient Information
- 10.4. Anxiolytics and Hypnotics
 - 10.4.1. Introduction
 - 10.4.2. Types of Anxiolytics and Hypnotics
 - 10.4.3. Mechanism of Action
 - 10.4.4. Indications
 - 10.4.5. Drugs of the Group
 - 10.4.6. Dosage and Forms of Administration
 - 10.4.7. Side Effects
 - 10.4.8. Contraindications
 - 10.4.9. Drug Interactions
 - 10.4.10. Patient Information
- 10.5. Mood Stabilizers
 - 10.5.1. Introduction
 - 10.5.2. Types of Mood Stabilizers
 - 10.5.3. Mechanism of Action
 - 10.5.4. Indications
 - 10.5.5. Drugs of the Group
 - 10.5.6. Dosage and Forms of Administration
 - 10.5.7. Side Effects
 - 10.5.8. Contraindications
 - 10.5.9. Drug Interactions
 - 10.5.10. Patient Information

- 10.6. Psychostimulants
 - 10.6.1. Introduction
 - 10.6.2. Mechanism of Action
 - 10.6.3. Indications
 - 10.6.4. Drugs of the Group
 - 10.6.5. Dosage and Forms of Administration
 - 10.6.6. Side Effects
 - 10.6.7. Contraindications
 - 10.6.8. Drug Interactions
 - 10.6.9. Patient Information
- 10.7. Anti-Dementia Drugs
 - 10.7.1. Introduction
 - 10.7.2. Mechanism of Action
 - 10.7.3. Indications
 - 10.7.4. Drugs of the Group
 - 10.7.5. Dosage and Forms of Administration
 - 10.7.6. Side Effects
 - 10.7.7. Contraindications
 - 10.7.8. Drug Interactions
 - 10.7.9. Patient Information
- 10.8. Drugs for the Treatment of Dependency
 - 10.8.1. Introduction
 - 10.8.2. Types and Mechanism of Action
 - 10.8.3. Indications
 - 10.8.4. Drugs of the Group
 - 10.8.5. Dosage and Forms of Administration
 - 10.8.6. Side Effects
 - 10.8.7. Contraindications
 - 10.8.8. Drug Interactions
 - 10.8.9. Patient Information

- 10.9. Anti-Epileptic Drugs
 - 10.9.1. Introduction
 - 10.9.2. Mechanism of Action
 - 10.9.3. Indications
 - 10.9.4. Drugs of the Group
 - 10.9.5. Dosage and Forms of Administration
 - 10.9.6. Side Effects
 - 10.9.7. Contraindications
 - 10.9.8. Drug Interactions
 - 10.9.9. Patient Information
- 10.10. Other Drugs: Guanfacine
 - 10.10.1. Introduction
 - 10.10.2. Mechanism of Action
 - 10.10.3. Indications
 - 10.10.4. Dosage and Forms of Administration
 - 10.10.5. Side Effects
 - 10.10.6. Contraindications
 - 10.10.7. Drug Interactions
 - 10.10.8. Patient Information



Thanks to TECH's revolutionary Relearning system, you will assimilate essential concepts in a fast, natural, and accurate way. Forget about memorizing!"

04 Teaching Objectives

With this Hybrid Master's Degree, physicians will gain comprehensive knowledge of the fundamentals of Clinical Neuropsychology. In this sense, professionals will acquire advanced skills for the early assessment and intervention of a variety of Neurocognitive Disorders. In this way, specialists will design highly personalized therapeutic plans that will significantly optimize the quality of life of patients.



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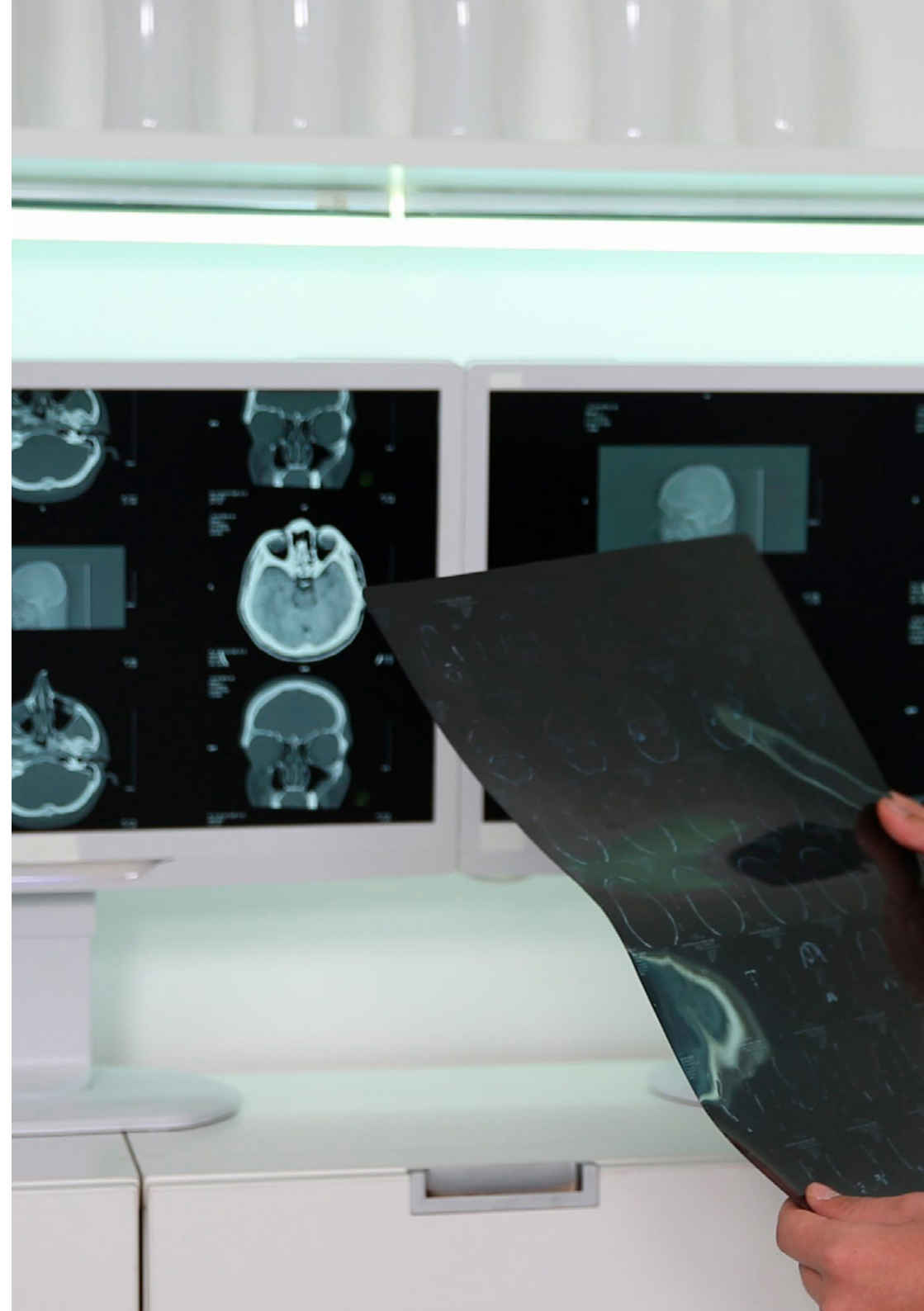


General Objective

- ♦ The overall objective of this university degree is for practitioners to update their diagnostic and therapeutic skills in the field of Clinical Neuropsychology. Thanks to this, experts will incorporate the latest technological tools into their daily clinical practice to increase the accuracy of their assessments and make highly informed decisions. As a result, graduates will be able to holistically address a wide range of Neurocognitive Disorders. They will therefore ensure an improvement in the overall well-being of patients in the long term



You will apply evidence-based therapeutic strategies to improve cognitive rehabilitation and clinical support for users"





Specific Objectives

Module 1. Introduction to Neuropsychology

- ♦ Understand the importance and basic concepts of Neuropsychology
- ♦ Get to know the methods of assessment and the fundamentals of research in Neuropsychology
- ♦ Explore the development of the nervous system and its relationship to Neurological Disorders
- ♦ Understand the structure and function of the nervous system at the cellular and molecular levels

Module 2. Principles of Neuroanatomy

- ♦ Know the origins and the evolutionary process of the nervous system
- ♦ Research how the nervous system works and how nerve cells communicate with each other
- ♦ Obtain a general vision on the operation of the nervous system
- ♦ Know the basic fundamentals of neuroanatomy

Module 3. Functional Neuroanatomy

- ♦ Understand the main functions of the brain lobes and their subdivisions
- ♦ Analyze how lesions in different areas of the frontal lobe affect thinking and behavior
- ♦ Understand brain asymmetry and its impact on cognitive and emotional functions

Module 4. Cognitive Functions

- ♦ Understand the neurobiological principles underlying attention
- ♦ Explore the neurobiological principles underlying language
- ♦ Research the neurobiological basis of sensory perception
- ♦ Understand the neurobiological basis of visuospatial perception

Module 5. Brain Injury

- Analyze the effects of early Brain Injury on neuropsychological development
- Explore the disorders caused by vascular problems in the brain
- Become familiar with epileptic disorders and their neuropsychological implications
- Understand alterations in the level of consciousness and their consequences for health

Module 6. Aphasias, Agraphias and Alexias

- Examine the neurobiological bases of aphasia, agraphia, and alexia, understanding their origin and underlying mechanisms
- Identify the clinical characteristics and main symptoms of each type of aphasia, establishing their differences and similarities
- Analyze the methods of assessment and diagnosis of written and oral language disorders, considering their applicability in different clinical contexts
- Explore intervention and rehabilitation strategies to improve communication in people with Neuropsychological language disorders

Module 7. Cognitive Deficits

- Understand and contextualize the different cognitive deficits
- Classify the cognitive deficiencies according to their symptoms
- Explore Disexecutive Syndrome and Apraxia, understanding their characteristics and how they are assessed
- Analyze the main Autism Spectrum Disorders, along with their assessment and diagnosis





Module 8. Neurodegenerative Diseases

- ♦ Analyze how cognitive reserve affects aging and mental health
- ♦ Explore different neurological disorders, such as multiple sclerosis and amyotrophic lateral sclerosis
- ♦ Learn about the common characteristics of movement disorders, such as Parkinson's disease
- ♦ Understand the aging process and its effects on cognition

Module 9. Neuropsychological Assessment and Rehabilitation

- ♦ Understand the different assessment tools available in neuropsychology
- ♦ Learn about the most cutting-edge techniques in neuropsychological rehabilitation
- ♦ Explore sophisticated rehabilitation strategies to improve attention, memory, and executive functions
- ♦ Understand how to adapt the environment and provide external support to patients with neuropsychological difficulties

Module 10. Pharmacological Treatment

- ♦ Gaining a deeper understanding of the basics and fundamentals of psychopharmacological therapy
- ♦ Get to know and classify the different types of psychopharmaceuticals
- ♦ Get to know the different uses of psychopharmacological therapy
- ♦ Understand the importance of patient information in the context of pharmacological treatment and its role in therapeutic compliance

05 Internship

After completing the online theoretical period, this Hybrid Master's Degree includes a period of practical Internship Program at a leading center in Clinical Neuropsychology. In this regard, graduates will have the support of a tutor who will accompany them throughout the process, both in the preparation and development of clinical practices. Thanks to this, they will incorporate the most innovative techniques for the assessment and therapeutic intervention of patients with Cognitive, Emotional, and Behavioral Disorders into their daily practice.



“

*You will complete an Internship Program
at a renowned institution specializing in
Clinical Neuropsychology”*

The Internship Program in Clinical Neuropsychology consists of a 3-week placement at a prestigious institution, from Monday to Friday with 8-hour consecutive shifts of hands-on training alongside a supervising specialist. This placement will allow physicians to actively participate in the neuropsychological assessment of patients, the interpretation of cognitive tests, and the design of sophisticated intervention strategies.

In addition, in this immersive academic program, activities are aimed at developing and refining the skills necessary to provide healthcare in areas and conditions that require a high level of qualification, and are geared toward specific training for the practice of the profession in a safe environment for patients and with high professional performance.

Therefore, it is a unique opportunity to update knowledge in a highly specialized environment, where the integration of clinical and technological tools is at the heart of advanced medical practice.

Practical teaching will be carried out with the support and guidance of professors and other training colleagues who will facilitate teamwork and multidisciplinary integration as cross-cutting skills for medical practice (learning to be and learning to relate).

The procedures described below will be the basis of the specialization, and their realization will be subject to the center's own availability, its usual activity and workload, the proposed activities being the following:





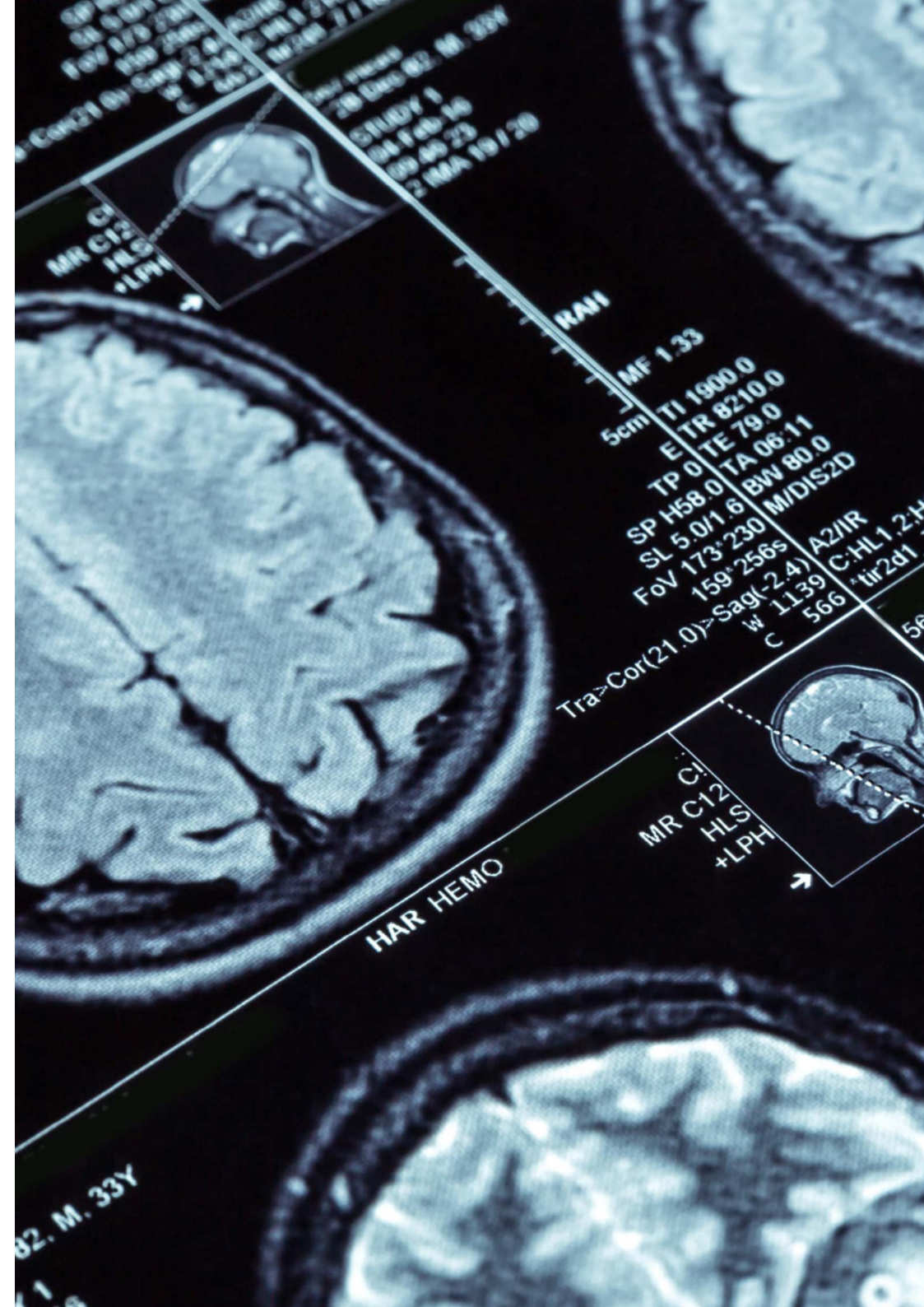
Module	Practical Activity
Diagnosis of Neurological and Cognitive Disorders	Relate specific brain structures to cognitive and behavioral functions (memory, language, etc.)
	Identify how structural lesions translate into neuropsychological symptoms
	Accurately detect clinical findings obtained from imaging tests such as magnetic resonance imaging
	Interpret the functional evolution of the patient based on structural changes observed in neuroimaging
Functional Anatomy of the Brain	Integrate functional knowledge of the nervous system to detect complex neuropsychological conditions such as Aphasia at an early stage
	Assess the functional integrity of brain networks involved in higher cognitive processes
	Develop cognitive rehabilitation strategies based on a functional understanding of Brain Injury
	Adjust pharmacological treatments or clinical interventions according to the affected brain region and the patient's neuropsychological profile
Comprehensive Management of Neurodegenerative Diseases	Analyze the initial signs of Cognitive Impairments associated with conditions such as Alzheimer's, Parkinson's, or Frontotemporal Dementia
	Gain a deeper understanding of the patient's neuropsychological profile through clinical interviews and diagnostic tests
	Integrate clinical, functional, and neuropsychological criteria to establish an accurate diagnosis
	Prescribe pharmacological treatments aimed at slowing deterioration and alleviating behavioral symptoms
Functional recovery and neurocognitive stimulation therapy	Monitor the patient's progress during cognitive rehabilitation, evaluating the medical and functional impact of the strategies applied
	Recommend technical aids, environmental modifications, or family support aimed at the patient's daily functionality
	Provide practical guidelines for supporting people with cognitive deficits and behavioral problems, promoting a supportive environment
	Adjust pharmacological treatments based on the individual's cognitive progress or regression

Civil Liability Insurance

The university's main concern is to guarantee the safety of the interns, other collaborating professionals involved in the internship process at the center. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

To this end, the university commits to purchasing a civil liability insurance policy to cover any eventuality that may arise during the course of the internship at the center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the Internship Program period. That way professionals will not have to worry in case of having to face an unexpected situation and will be covered until the end of the internship program at the center.



General Conditions of the Internship Program

The general terms and conditions of the internship agreement for the program are as follows:

1. TUTOR: During the Hybrid Master's Degree, students will be assigned two tutors who will accompany them throughout the process, answering any doubts and questions that may arise. On the one hand, there will be a professional tutor belonging to the internship center who will have the purpose of guiding and supporting the student at all times. On the other hand, they will also be assigned with an academic tutor whose mission will be to coordinate and help the students during the whole process, solving doubts and facilitating everything they may need. In this way, the student will be accompanied and will be able to discuss any doubts that may arise, both practical and academic.

2. DURATION: The internship program will have a duration of three continuous weeks, in 8-hour days, 5 days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements.

3. ABSENCE: If the students does not show up on the start date of the Hybrid Master's Degree, they will lose the right to it, without the possibility of reimbursement or change of dates. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship, therefore, automatic termination of the internship. Any problems that may arise during the course of the internship must be urgently reported to the academic tutor.

4. CERTIFICATION: Professionals who pass the Hybrid Master's Degree will receive a certificate accrediting their stay at the center.

5. EMPLOYMENT RELATIONSHIP: The Hybrid Master's Degree shall not constitute an employment relationship of any kind.

6. PRIOR EDUCATION: Some centers may require a certificate of prior education for the Hybrid Master's Degree. In these cases, it will be necessary to submit it to the TECH internship department so that the assignment of the chosen center can be confirmed.

7. DOES NOT INCLUDE: The Hybrid Master's Degree will not include any element not described in the present conditions. Therefore, it does not include accommodation, transportation to the city where the internship takes place, visas or any other items not listed

However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case.

06 Internship Centers


This Hybrid Master's Degree includes a practical Internship Program at a leading institution in Clinical Neuropsychology. This will give graduates the opportunity to apply all their knowledge in a real work environment. In turn, to make this university program more accessible to experts, TECH offers graduates the possibility of completing it at different organizations throughout the country. In this way, this institution strengthens its commitment to quality and affordable education for all.



“

*You will complete an Internship Program
at a leading institution in the field of
Clinical Neuropsychology”*

The student will be able to complete the practical part of this Hybrid Master's Degree at the following centers:



Medicine

ASPAYM Ávila


Country	City
Spain	Ávila

Address: C/Caléndula s/n 05002 – Ávila

Day care center whose purpose is to improve the quality of life of people with disabilities

Related internship programs:

- Dementia
- Update on Neurology



Medicine

ASPAYM Bierzo

Country	City
Spain	León

Address: Calle Brazal, 26 Bajo – 24410 – Camponaraya (León)

Day care center whose purpose is to improve the quality of life of people with disabilities

Related internship programs:

- Dementia
- Update on Neurology



Medicine

ASPAYM Burgos


Country	City
Spain	Burgos

Address: C/ de la Coronela 2 09197- Villagonzalo- Arenas, 09001 (Burgos) 947 656 989

Day care center whose purpose is to improve the quality of life of people with disabilities

Related internship programs:

- Dementia
- Update on Neurology



Medicine

ASPAYM León


Country	City
Spain	León

Address: C/ San Juan de Sahagún, 25 24007 – León

Day care center whose purpose is to improve the quality of life of people with disabilities

Related internship programs:

- Dementia
- Update on Neurology



Medicine

ASPAYM Valladolid


Country	City
Spain	Valladolid

Address: C/ Treviño, 74, 47008 – Valladolid

Day care center whose purpose is to improve the quality of life of people with disabilities

Related internship programs:

- Dementia
- Update on Neurology



Medicine

ASPAYM Unidad de daño cerebral adquirido – ICTIA Valladolid

Country	City
Spain	Valladolid

Address: C/ Severo Ochoa 33. "Las Piedras" 47130 -Simancas- Valladolid

Day care center whose purpose is to improve the quality of life of people with disabilities

Related internship programs:

- Update on Neurology
- Neurodegenerative Diseases

“

Boost your career path with holistic teaching, allowing you to advance both theoretically and practically”

07

Career Opportunities

This TECH university program is a unique opportunity for medical professionals who wish to update their skills in the clinical approach to Neurocognitive Disorders. Thanks to its practical approach, professionals will master the most advanced tools for neuropsychological assessment and intervention. In this way, they will not only significantly improve the quality of care they provide, but also broaden their career prospects in various hospital and clinical research settings.



“

*Do you want to work as a Manager of
Cognitive Rehabilitation Programs?
Achieve it through this university
program in just 12 months”*

Graduate Profile

Graduates of this university program will be physicians trained to apply advanced neuropsychological assessment and intervention tools in their clinical practice. They will also be prepared to identify cognitive, emotional, and behavioral disorders associated with various Neurological Disorders. In this regard, they will be able to integrate therapeutic strategies based on the latest evidence, work in interdisciplinary teams, and lead clinical or research projects. Thanks to this, they will develop key skills to improve the diagnosis, treatment, and follow-up of patients with Neurocognitive Disorders in complex clinical contexts.

You will provide comprehensive advice to various healthcare institutions on the use of state-of-the-art neuropsychological tools.

- ♦ **Integrated Clinical Reasoning:** Ability to interpret clinical, neuropsychological, and behavioral data together, facilitating accurate medical decisions in complex contexts
- ♦ **Clinical Management of Neuropsychological Knowledge:** Competence in organizing, applying, and transferring neuropsychological knowledge effectively, optimizing data-driven medical care and functional understanding of the patient
- ♦ **Professional Ethics and Clinical Sensitivity:** Commitment to responsible medical practice, respecting bioethical principles and confidentiality in the assessment and intervention of patients with neurocognitive disorders
- ♦ **Interdisciplinary Communication in Clinical Neuroscience:** Ability to interact effectively with professionals in Neurology, psychiatry, and other disciplines, promoting a collaborative approach to diagnosis and treatment





After completing the university program, you will be able to apply your knowledge and skills in the following positions:

1. **Medical Specialist in Clinical Neuropsychological Assessment:** Performs comprehensive assessments of cognitive, emotional, and behavioral functioning in patients with suspected Neurocognitive Impairment or Brain Injury.
2. **Clinical Manager of Cognitive Rehabilitation Programs:** Responsible for leading multidisciplinary teams in neurological or hospital centers to design personalized cognitive intervention plans.
3. **Medical Consultant in Hospital Neuropsychology:** Advises other health professionals on the integration of neuropsychological tools in Neurology, Psychiatry, or Geriatric units.
4. **Specialist Physician in Early Intervention in Neurocognitive Disorders:** Focuses on the early identification of neuropsychological disorders, especially in the early stages of diseases such as Alzheimer's or Parkinson's.
5. **Head of Cognitive and Behavioral Assessment Services:** Leads clinical spaces dedicated to the assessment and treatment of behavioral disorders and executive functions.
6. **Consultant in Clinical Neuropsychology Applied to Mental Health:** Applies neuropsychological principles in mental health contexts, addressing disorders such as Schizophrenia and Mood Disorders.
7. **Clinical Researcher in Medical Neuropsychology:** Develops and leads clinical studies aimed at validating diagnostic tools or therapies in the field of Clinical Neuropsychology.
8. **Expert in Clinical Neuropsychology for Palliative Care Teams:** Participates in the assessment of patients with advanced or terminal illnesses, evaluating Cognitive Impairment and emotional changes.

08

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.

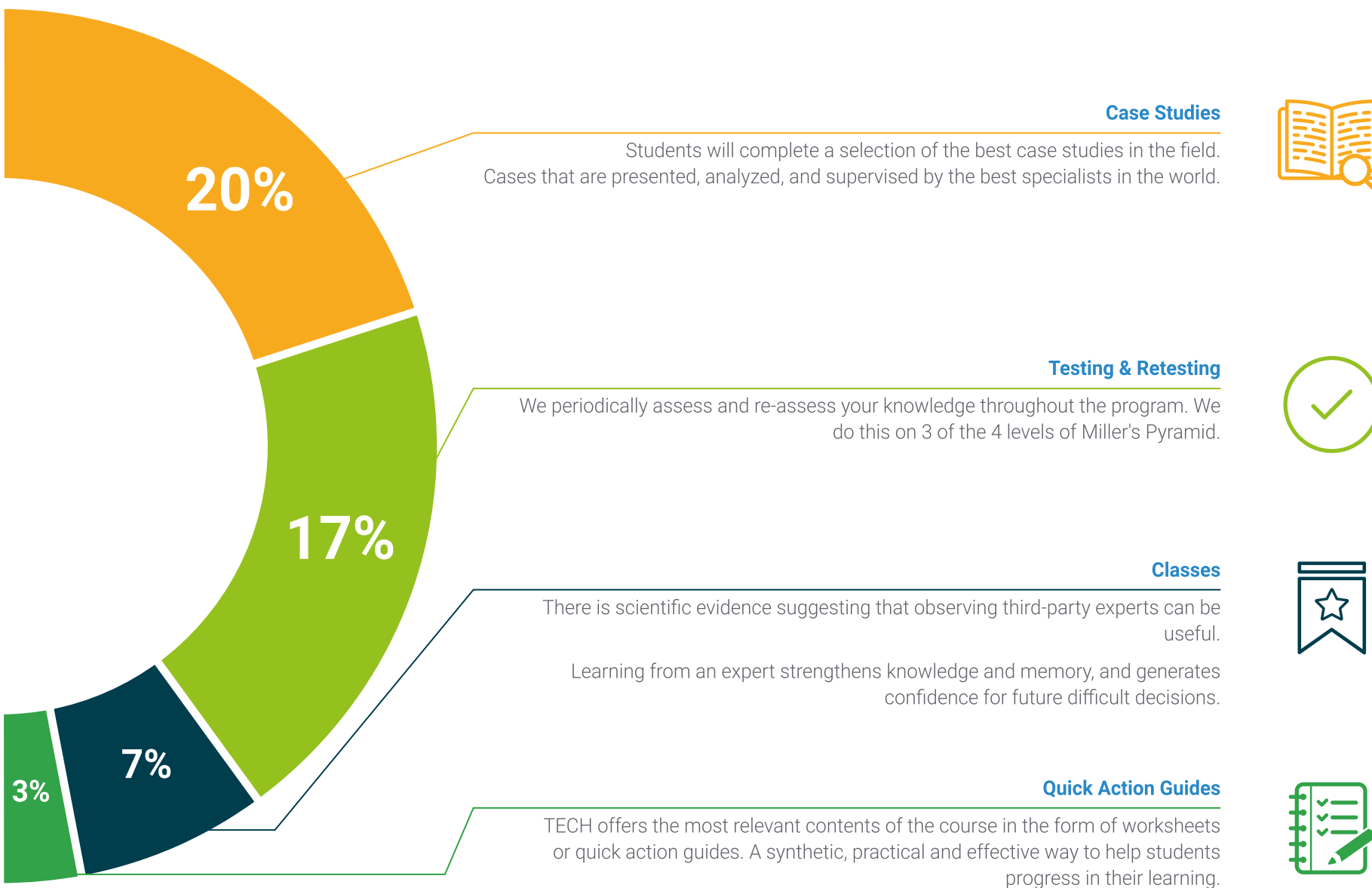
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





09

Teaching Staff

TECH's philosophy is to make the most up-to-date and comprehensive university programs available to everyone on the academic market. To achieve this, it carries out a rigorous process to select its teaching staff. Thanks to this effort, this Hybrid Master's Degree features leading experts in Clinical Neuropsychology. They have extensive professional experience, during which they have optimized the quality of life of many patients with Neuropsychological Disorders. As a result, graduates are assured of the guarantees they need to access an immersive experience that will enable them to take a significant leap forward in their careers as physicians.





“

You will enjoy individualized guidance from the teaching team, which is made up of renowned specialists in Clinical Neuropsychology”

International Guest Director

Dr. Steven P. Woods is a leading **neuropsychologist**, internationally recognized for his outstanding contributions to improving **clinical detection, prediction and treatment** of real-world health outcomes in **diverse neuropsychological populations**. He has forged an exceptional career path, which has led him to publish more than 300 articles and to serve on editorial boards in 5 major editorial boards in 5 major **Clinical Neuropsychology** journals.

His excellent scientific and clinical work focuses primarily on the ways in which **cognition** can hinder and support **daily activities health and well-being** in adults with **chronic medical conditions**. Other areas of scientific relevance, for this expert, also include **health literacy, apathy, intra-individual variability** and **Internet navigation skills**. His research projects are funded by the **National Institute of Mental Health (NIMH)** and the **National Institute on Drug Abuse (NIDA)**.

In this regard, Dr. Woods' research approach examines the application of **theoretical models** to elucidate the role of **neurocognitive deficit s** (e.g., memory) in **everyday functioning** and **health literacy** in people affected by **HIV and aging**. Therefore, his interest focuses, for example, on how people's ability to "Remember to Remember", known as **prospective memory**, influences **health-related** behaviors, such as **medication adherence**. This multidisciplinary approach is reflected in his groundbreaking research, available on **Google Scholar** and **ResearchGate**.

He has also founded the **Clinical Neuropsychology Service** at **Thomas Street Health Center**, where he holds a senior position as **Director**. Here, Dr. Woods provides **Clinical Neuropsychology** services to people affected by **HIV**, providing critical support to communities in need and reaffirming the communities in need and reaffirming his commitment to the practical application of his research to improve lives.



Dr. Woods, Steven P.

- Director of the Neuropsychology Service at the Thomas Street Health Center, Houston, United States
- Collaborator in the Department of Psychology, University of Houston
- Associate Editor at Neuropsychology and The Clinical Neuropsychologist
- Ph.D. in Clinical Psychology with a specialization in Neuropsychology from Norfolk State University
- B.A. in Psychology from Portland State University
- Member of: National Academy of Neuropsychology and American Psychological Association (Division 40: Society for Clinical Neuropsychology)

“

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

Management



Dr. García Sánchez, Roberto

- Doctorate in Psychology
- Master's Degree in General Health Psychology
- Specialized psychologist of the Psychopathology Service of the Official College of Psychology of Santa Cruz de Tenerife
- Vice-president of the Canarian Association "No to School Bullying" (ACANAE)
- Former Director of the Doctorate Department of the TECH Education Group
- Former Vice-Director of Research of the TECH Education Group
- Director of theses of doctoral students
- Reviewer of the journals Ábaco, Medico Review, EGLE Journal and Relieve Journal
- Degree in Psychology
- Member of: Global Clinical Practice Network of the World Health Organization, Asociación Género en Libertad, Spanish Society for the History of Psychology and Spanish Association of Bioethics and Medical Ethics



10 Certificate

The Hybrid Master's Degree in Clinical Neuropsychology guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the Hybrid Master's Degree 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 **Hybrid Master's Degree in Clinical Neuropsychology** 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.



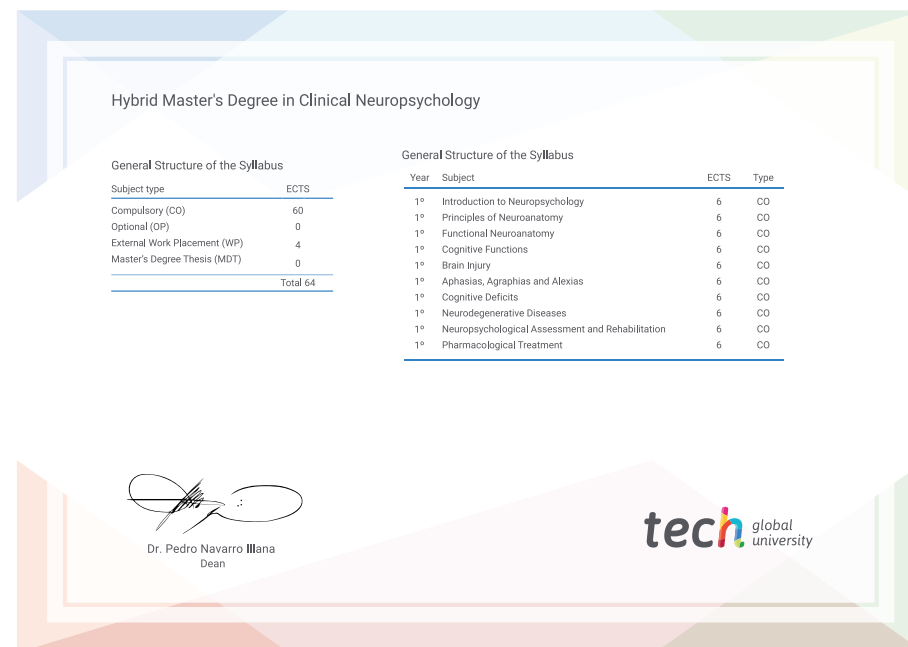
This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Hybrid Master's Degree in Clinical Neuropsychology**

Modality: **online**

Duration: **12 months**

Accreditation: **60 + 4 ECTS**





Hybrid Master's Degree Clinical Neuropsychology

Modality: Hybrid (Online + Internship)

Duration: 12 months

Certificate: TECH Global University

Credits: 60 + 4 ECTS

Hybrid Master's Degree

Clinical Neuropsychology