

# Postgraduate Certificate

Neurodevelopmental Disorders  
and Intellectual Disability for  
Psychologists





## Postgraduate Certificate Neurodevelopmental Disorders and Intellectual Disability for Psychologists

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

Website: [www.techtute.com/us/psychology/postgraduate-certificate/neurodevelopmental-disorders-intellectual-disability-psychologists](http://www.techtute.com/us/psychology/postgraduate-certificate/neurodevelopmental-disorders-intellectual-disability-psychologists)

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# 01

# Introduction

Intellectual disability is a challenge for education professionals.

A challenge that aims to provide real development opportunities that drive the students who suffer from it. Psychologists are one of the most important agents in this new and essential paradigm, but to be part of it requires the support of the most updated knowledge. Students will be able to build effective, adjusted and quality intervention tools over the course of the program. It will take you through the most comprehensive practice in this area, with the answers provided by developmental neurology and the most efficient protocols and work channels.





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*Specialize in Neurodevelopmental Disorders and Intellectual Disability with this complete Postgraduate Certificate created to complete and refocus your education as a psychologist”*

This comprehensive specialization arises in response to the increasing demand for training in special needs settings at schools. Organizations that work with disabled people, especially schools with special needs children, are subject to international regulations that now promote a new model of teaching. This approach represents a giant step forward from the obsolete segregationist system that has dominated until now, and it is designed to provide support that will have more realistic and effective chances to succeed in school integration.

To achieve these objectives, this Postgraduate Certificate will lead you through the knowledge that Therapeutic Pedagogy demands. The program will cover everything from communication with the family or legal guardians, which is at the center of any intervention, to the planning and development of the intervention processes themselves.

All these processes must adjust to the reality and possibilities of the needs of each student, in a totally individualized way. That is why TECH offers this intensive and comprehensive study on how to adapt education using the most innovative tools and material resources, which will result in a process that really boosts student learning by identifying their optimal ways of facing each area of study.

Psychology and the approaches in educational sciences and neurology will serve as the basis for the work capacity that students will inevitably acquire. What is more, they will learn to interpret and use reports and publications in this field as tools for professional growth.

This **Postgraduate Certificate in Neurodevelopmental Disorders and Intellectual Disability for Psychologists** contains the most complete and updated scientific program on the market. The most important features include:

- ◆ Clinical Analysis cases presented by experts in neurodevelopmental disorders and intellectual disability
- ◆ The graphic, schematic, and eminently practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional
- ◆ The latest news on Neurodevelopmental Disorders and Intellectual Disability
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ◆ Special emphasis on Neurodevelopmental Disorders and Intellectual Disability
- ◆ 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



*Includes developmental neuroscience responses to classroom difficulties involving students with intellectual disabilities”*

“

*Give your students with Intellectual Disabilities the supportive answers they need by relying on the most comprehensive program with this Postgraduate Certificate created to propel you to another professional level”*

Its teaching staff includes expert professionals who bring the experience of their work to this training, as well as recognized specialists belonging to prestigious reference societies and 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 an immersive training program designed to train in real situations.

This program is designed around Problem-Based Learning, whereby the student 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 and experienced research specialist.

*Develop specialist competencies in Therapeutic Pedagogy to offer your school quality work in this area of fundamental interest”*

*Learn in a simple, intensive and flexible way with the quality of the highest rated teaching models in the online teaching scene”*



# 02

# Objectives

The objectives of this program have been established as a guide for the development of the entire course, with the specific mission of offering students very intensive training that will really boost their professional progression. A journey of personal growth that will take you to the top in your intervention as a psychologist.





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*If your goal is to improve in your profession, to acquire a qualification that will enable you to compete among the best, then look no further. This training will give your career the boost it needs”*



## General Objectives

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- ◆ Know how Special Education has evolved, especially regarding international entities such as UNESCO
- ◆ Use a scientific vocabulary adjusted to the demands of multiprofessional teams, participating in student coordination and monitoring
- ◆ Collaborate in supporting families / legal guardians in the development of students
- ◆ Participate in the assessment and diagnosis of special educational needs
- ◆ Elaborate the adaptations required by students with special educational needs
- ◆ Use the methodology, tools and material resources adapted to the individual needs of students with special educational needs
- ◆ Know the basics of Psychology, Educational Sciences and Neurology both to read reports from other professionals and to establish specific guidelines for the appropriate response at school to the needs posed by students





## Specific Objectives

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- ◆ Know and compare the evolution of the concept of intellectual disability
- ◆ Differentiate and recognize developmental variables and differential aspects
- ◆ Understand and appreciate multiprofessional coordination
- ◆ Differentiate and analyze special educational needs
- ◆ Know the tools and materials to be used
- ◆ Recognize and reflect on the different evaluations and prognoses to be established



*Take the step to get up to date on the latest developments in Neurodevelopment and Intellectual Disability”*

03

# Course Management

The program's teaching staff includes experts in this area who will contribute their real classroom experience to the course content. Additionally, other recognized experts participate in the design and preparation, completing the program in an interdisciplinary manner.



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*Learn from professional experts in the field who will provide a realistic and contextual view of this exciting job”*

## Management



### Dr. Fernández, María Luisa Mariana

- ◆ Psychologist
- ◆ Therapeutic Pedagogy Teacher Specialist
- ◆ Educational Counselor in the Community of Madrid
- ◆ Department of Education
- ◆ President and founder of the Professional Association Guidance and Education in the Community of Madrid
- ◆ Member of COPOE and AIOSP

## Professors

### Ms. Vilchez Montoya, Cristina

- ◆ Master's Degree in Primary Education
- ◆ Therapeutic Pedagogy Specialist



# 04

# Structure and Content

The contents of this comprehensive training program have been developed by the sector's most competent professionals, with a high-quality criterion at every stage of the course. For this purpose, the most relevant and comprehensive topics have been selected, with the latest and most interesting updates.



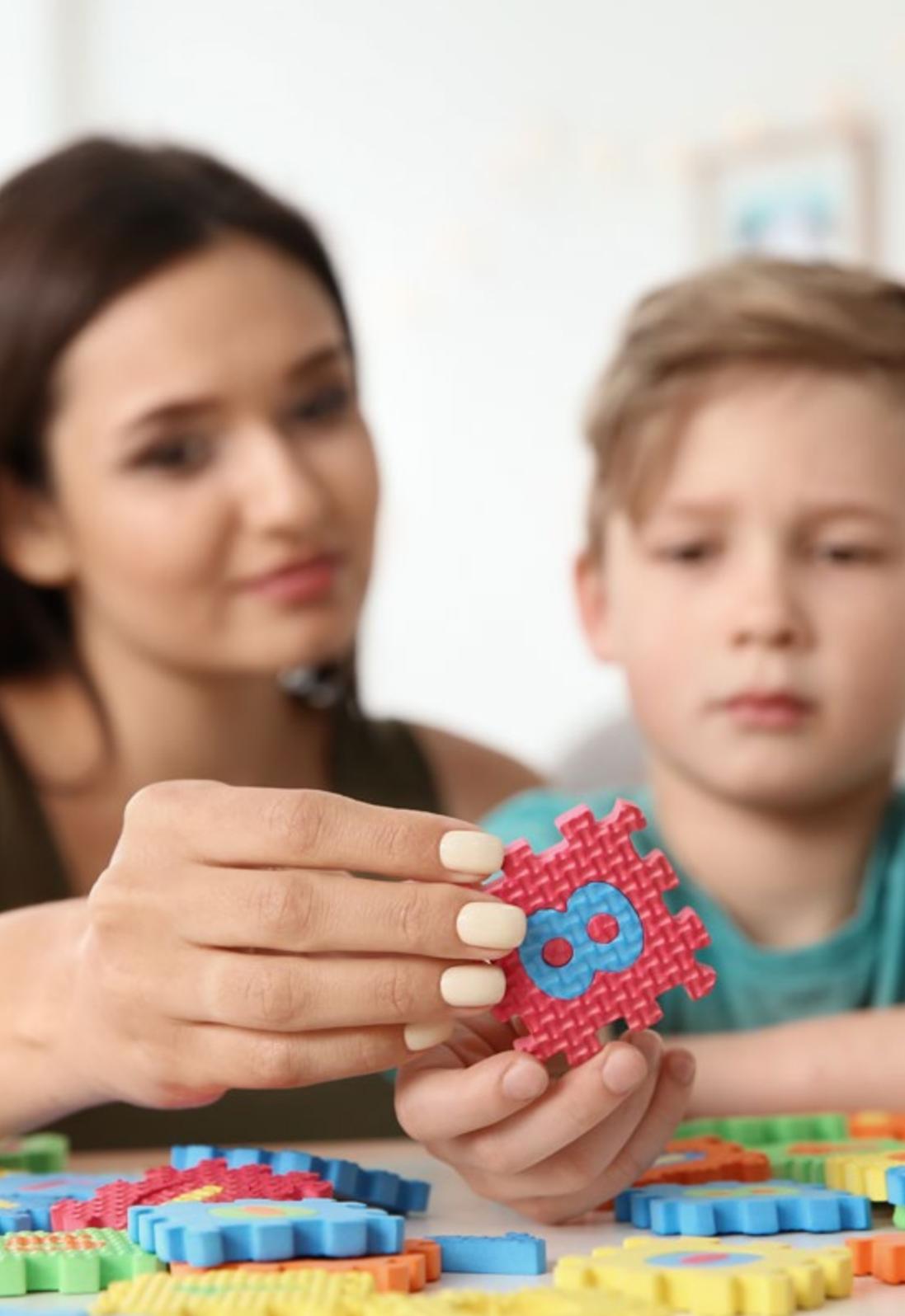


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*A complete program created to offer an effective and fast learning process that is compatible with personal and professional life”*

## Module 1. Neurodevelopmental Disorders: Intellectual Disabilities

- 1.1. Intellectual Disability and the Cognitive System
  - 1.1.1. Definition of Intellectual Disability
  - 1.1.2. Historical Approaches
  - 1.1.3. Current Interpretation
  - 1.1.4. Cognitive Functions
  - 1.1.5. Importance of the Cognitive System
  - 1.1.6. Cognitive System Disorders
  - 1.1.7. Definition of the Cognitive System
  - 1.1.8. Parts in the Cognitive System
  - 1.1.9. Functions of the Cognitive System
  - 1.1.10. Importance of the Cognitive System
- 1.2. Variables in Development
  - 1.2.1. Importance of Variables in Development
  - 1.2.2. Personal Variables: Degree
  - 1.2.3. Personal Variables: Prenatal Causes
  - 1.2.4. Personal Variables: Perinatal Causes
  - 1.2.5. Personal Variables: Postnatal Causes
  - 1.2.6. Contextual Variables: Family
  - 1.2.7. Contextual Variables: Education
  - 1.2.8. Intellectual Disability Dimensions
  - 1.2.9. Adaptive Skills According to the Intellectual Disability Criteria
- 1.3. Differential Aspects in Intellectual Disability
  - 1.3.1. Introduction to Differential Aspects
  - 1.3.2. Cognitive Development
  - 1.3.3. Language and Communication
  - 1.3.4. Affective-Emotional and Social Dimension
  - 1.3.5. Psychomotor Dimension
  - 1.3.6. Specifying Special Educational Needs in Students with Intellectual Disabilities
- 1.4. Multiprofessional Coordination
  - 1.4.1. Definition of Multiprofessional Coordination
  - 1.4.2. The Need for Multiprofessional Coordination
  - 1.4.3. Family as the Core of Multiprofessional Coordination
  - 1.4.4. Diagnosing Disorders
  - 1.4.5. Education Center Professionals: Coordination
  - 1.4.6. Education Center External Professionals: Coordination
  - 1.4.7. Coordination between Internal and External Professionals
  - 1.4.8. The Therapeutic Pedagogy Specialist as Liaison between Professionals
  - 1.4.9. Students and Families
- 1.5. Identifying Special Educational Needs in Students with Intellectual Disabilities: Psycho-Pedagogic Assessment
  - 1.5.1. Disorder Diagnosis Documentation
  - 1.5.2. Disorder Revisions and Follow-up
  - 1.5.3. Physiotherapist Documentation
  - 1.5.4. Disorder Revisions and Follow-up by Physiotherapists
  - 1.5.5. Orthotist Documentation
  - 1.5.6. Disorder Revisions and Follow-up by Orthotists
  - 1.5.7. School Documentation
  - 1.5.8. Psychopedagogic Evaluation to Determine Student Needs in the Classroom
  - 1.5.9. Elaborating Individual Curricular Adaptation Documents
  - 1.5.10. Individual Curricular Adaptation Document Follow-up



- 1.6. Curricular Adaptations for Students with Intellectual Disability
  - 1.6.1. Regulatory Basis
  - 1.6.2. Concept of Educational Intervention
  - 1.6.3. Importance of Educational Intervention
  - 1.6.4. General Aspects of Intervention
  - 1.6.5. Cognitive Aspects in Intervention
  - 1.6.6. Socio-Affective Aspects in Intervention
  - 1.6.7. Psychomotor Aspects in Intervention
  - 1.6.8. Basic Aspects in Intervention
- 1.7. Organizing Educational Responses to Students with Intellectual Disabilities
- 1.8. Family Participation in Cases of Intellectually Disabled Individuals
- 1.9. Social Inclusion of Intellectually Disabled Individuals
- 1.10. Support and Resources for Intellectually Disabled Individuals

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

05

# Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.



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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## At TECH we use the Case Method

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

*With TECH the psychologist experiences a way of learning that is shaking the foundations of traditional universities around the world.*



According to Dr. Gervas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the psychologist's professional practice.

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*Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”*

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

1. Psychologists who follow this method not only master the assimilation of concepts, but also develop their mental capacity by means of exercises to evaluate real situations and apply their knowledge.
2. Learning is solidly translated into practical skills that allow the psychologist to better integrate knowledge into clinical practice.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



## Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

Our university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of cases.

*The psychologist will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.*



At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

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

*Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.*

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by our learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



#### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



#### Latest Techniques and Procedures on Video

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



#### Interactive Summaries

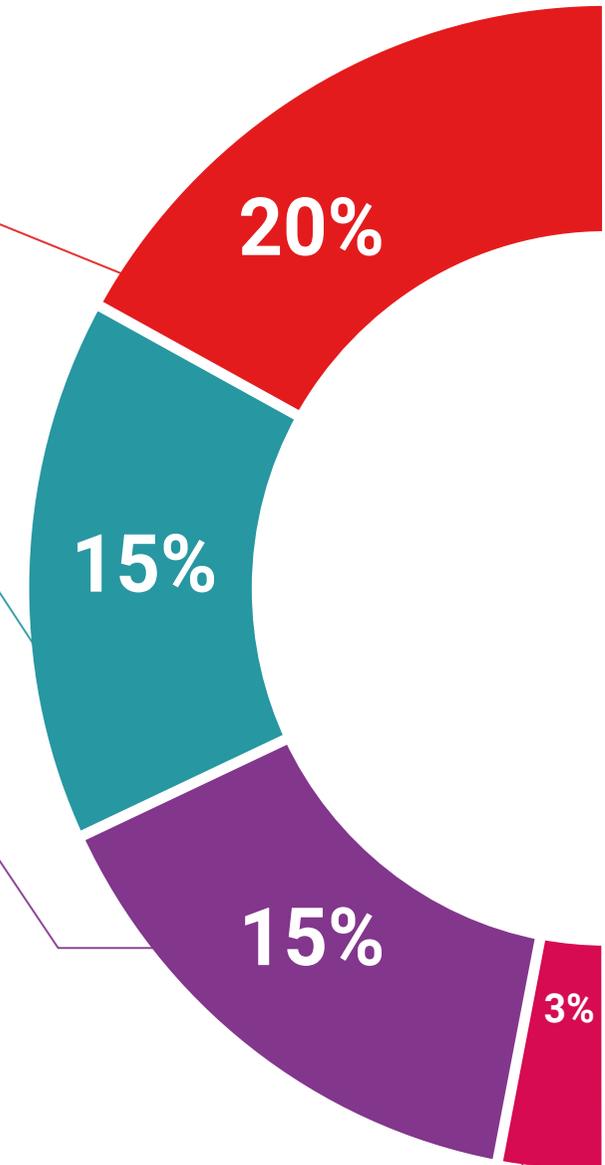
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

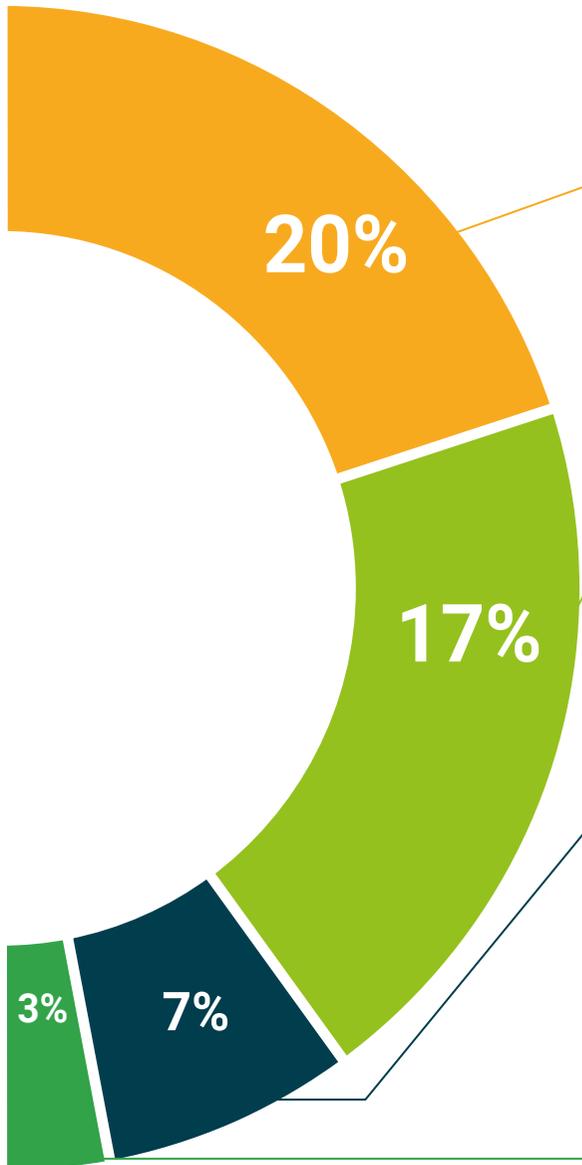
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





#### Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



#### Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



#### Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



#### Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



06

# Certificate

The Postgraduate Certificate in Neurodevelopmental Disorders and Intellectual Disability for Psychologists guarantees students, in addition to the most rigorous and up-to-date education, access to a 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 program will allow you to obtain your **Postgraduate Certificate in Neurodevelopmental Disorders and Intellectual Disability for Psychologists** endorsed by **TECH Global University**, the world's largest online university.

**TECH Global University** is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

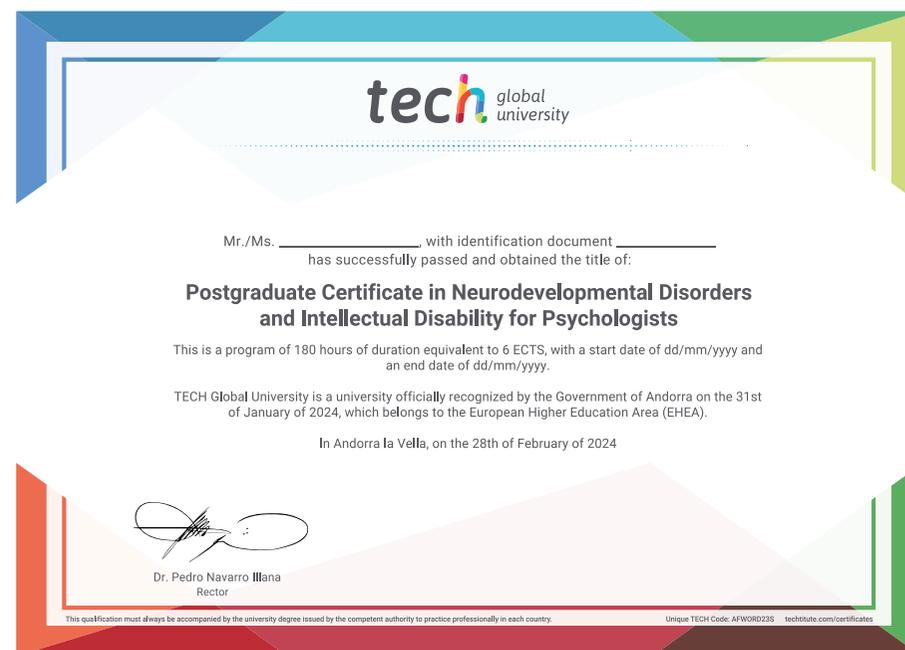
This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Neurodevelopmental Disorders and Intellectual Disability for Psychologists**

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.



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