

# Postgraduate Certificate Neurodegenerative Diseases





## Postgraduate Certificate Neurodegenerative Diseases

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/pk/education/postgraduate-certificate/neurodegenerative-diseases](http://www.techtitute.com/pk/education/postgraduate-certificate/neurodegenerative-diseases)

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# 01

# Introduction

Human beings learn throughout their lives. A learning that is often sought in adulthood, enrolling in different academic programs. A period where, however, that may appear certain diseases that affect cognitive development such as Alzheimer's or dementia. The teacher who teaches students in adulthood must take into account the characteristics of these health problems and their symptomatology. Knowledge that can be accessed in a comfortable and intensive way through this multidisciplinary program taught in a 100% online format. An excellent opportunity to progress with a specialized teaching team.





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*A university qualification that will give you a better understanding of Alzheimer's, dementia and Parkinson's diseases"*

The advances that have been made in recent years in research into the causes and treatments of diseases related to cerebral cognitive impairment have meant that specialists have vital information for many people who suffer from them. The teaching professional, who teaches on a daily basis to people in adulthood or close to old age, may be faced with the first symptoms of diseases such as multiple sclerosis, ALS or Parkinson's disease. In this circumstance, the greater knowledge you have about it, the more you will understand your students and adapt the teaching to the difficulties that these health problems generate.

This Postgraduate Certificate with a multidisciplinary approach responds to the need for increasingly aware and specialized professionals. That is why, in this qualification, you will find advanced content provided by an expert teaching staff, who have contributed their extensive knowledge to this qualification. The multimedia content and clinical case simulations will favor learning in a more dynamic and visual way.

In this way, students taking this program will learn about neurodegenerative diseases, the key concepts, their characteristics, symptomatology, profile of the person suffering from them, as well as the most commonly used evaluation and diagnosis techniques.

The teaching professional is facing an excellent opportunity to progress in their career with a qualification that consists of 150 teaching hours taught exclusively online. Therefore, with just a computer, tablet or cell phone, students will be able to access the entire syllabus included in its entirety from the beginning of the program. No attendance, no fixed schedules and freedom to distribute the teaching load are just three of the characteristics of this program. A flexibility that allows students to acquire a high-level qualification compatible with other areas of their professional and/or working life.

This **Postgraduate Certificate in Neurodegenerative Diseases** contains the most complete and up-to-date program on the market. The most important features include:

- ♦ Practical cases presented by experts in Psychology
- ♦ 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
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



*A 100% online format that will keep you up to date with the most recent studies on neurodegenerative diseases"*

“ *A library of multimedia resources and real clinical cases to give you a more practical approach to neurodegenerative diseases*”

The program's teaching team includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive education programmed to learn in real situations.

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

*Enroll in a Postgraduate Certificate that will allow you to delve into attention and memory in older people with normal aging.*

*Immerse yourself in the variables that influence cognitive reserve.*



# 02

# Objectives

TECH offers in all its programs the academic tools necessary for students to achieve their goals in a more agile way. In this Postgraduate Certificate, the teaching professional will achieve their goals thanks to the multimedia content that will allow them to master the basics of neurodegenerative diseases, the different existing associated diseases. In addition, they will be able to identify the types of dementia and distinguish it by its characteristics. The teaching staff that integrates this qualification will be responsible for accompanying students during the 150 teaching hours to achieve these objectives.







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*A 100% online, flexible program that adapts to you. It combines your work with quality education”*



## General Objectives

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- ♦ Know in detail the psychological tools of diagnosis that are currently obtaining the best results
- ♦ Develop a broad and up-to-date knowledge of the different Neurodegenerative Diseases





## Specific Objectives

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- Learn about the basics of neurodegenerative diseases
- Differentiate between and contextualize the different neurodegenerative diseases
- Know the different types of dementia and learn how to differentiate between them

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*A qualification that will provide you with the keys to distinguish the different types of dementia. Enroll now”*

# 03

## Structure and Content

The *Relearning* system, used by TECH in its programs, has proven to be effective, thanks to the repetition of content that allows students to advance in a more natural and progressive way. This method is the basis for the syllabus that composes this Postgraduate Certificate. A comprehensive and agile content, thanks to the video summaries, videos in detail or interactive diagrams developed by the specialized teaching staff of this program and that will allow students to delve into neurodegenerative diseases. Specialized readings and clinical cases will extend the syllabus of this program.



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*Do you teach adults or elderly people?  
This Postgraduate Certificate will help you  
understand the main neurodegenerative  
diseases they may suffer from"*

## Module 1. Neurodegenerative Diseases

- 1.1. Normal Aging
  - 1.1.1. Basic Cognitive Processes in Normal Aging
  - 1.1.2. Superior Cognitive Processes in Normal Aging
  - 1.1.3. Attention and Memory in Elderly People with Normal Aging
- 1.2. Cognitive Reserve and its Importance in Aging
  - 1.2.1. Cognitive Reserve: Definition and Basic Concepts
  - 1.2.2. Functionality of Cognitive Reserve
  - 1.2.3. Influencing Variables in Cognitive Reserve
  - 1.2.4. Interventions Based on Improving Cognitive Reserve in the Elderly
- 1.3. Multiple Sclerosis
  - 1.3.1. Concepts and Biological Foundations of Multiple Sclerosis
  - 1.3.2. Characteristics and Symptomology
  - 1.3.3. Patient Profile
  - 1.3.4. Assessment and Diagnosis
- 1.4. Amyotrophic Lateral Sclerosis
  - 1.4.1. Concepts and Biological Foundations of Amyotrophic Lateral Sclerosis (ALS)
  - 1.4.2. Characteristics and Symptomology
  - 1.4.3. Patient Profile
  - 1.4.4. Assessment and Diagnosis
- 1.5. Parkinson's Disease
  - 1.5.1. Concepts and Biological Foundations of Parkinson's Disease
  - 1.5.2. Characteristics and Symptomology
  - 1.5.3. Patient Profile
  - 1.5.4. Assessment and Diagnosis
- 1.6. Huntington's Disease
  - 1.6.1. Concepts and Biological Foundations of Huntington's Disease
  - 1.6.2. Characteristics and Symptomology
  - 1.6.3. Patient Profile
  - 1.6.4. Assessment and Diagnosis





- 1.7. Dementia of the Alzheimer Variety
  - 1.7.1. Concepts and Biological Foundations of Dementia of the Alzheimer Type
  - 1.7.2. Characteristics and Symptomology
  - 1.7.3. Patient Profile
  - 1.7.4. Assessment and Diagnosis
- 1.8. Pick's Dementia
  - 1.8.1. Concepts and Biological Foundations of Pick's Dementia
  - 1.8.2. Characteristics and Symptomology
  - 1.8.3. Patient Profile
  - 1.8.4. Assessment and Diagnosis
- 1.9. Lewy Body Dementia
  - 1.9.1. Concepts and Biological Foundations of Lewy Body Dementia
  - 1.9.2. Characteristics and Symptomology
  - 1.9.3. Patient Profile
  - 1.9.4. Assessment and Diagnosis
- 1.10. Vascular Dementia
  - 1.10.1. Concepts and Biological Foundations of Vascular Dementia
  - 1.10.2. Characteristics and Symptomology
  - 1.10.3. Patient Profile
  - 1.10.4. Assessment and Diagnosis



*A multidisciplinary program  
in which you will delve  
into the different types of  
dementia. Enroll now”*

04

# Methodology

This training program offers 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 Education School we use the Case Method

In a given situation, what should a professional do? Throughout the program students will be presented with multiple simulated cases based on real situations, where they will have to investigate, establish hypotheses and, finally, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method.

*With TECH, educators can experience a learning methodology that is shaking the foundations of traditional universities around the world.*



*It is a technique that develops critical skills and prepares educators to make decisions, defend their arguments, and contrast opinions.*

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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. Educators who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process is solidly focused on practical skills that allow educators to better integrate the knowledge into daily practice.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life teaching.
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 case studies with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, which represent a real revolution with respect to simply studying and analyzing cases.



*Educators 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).

With this methodology we have trained more than 85,000 educators with unprecedented success in all specialties. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

*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.*

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 specialist educators who teach the course, specifically for the course, so that the teaching content is really 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.



#### Educational Techniques and Procedures on Video

TECH introduces students to the latest techniques, with the latest educational advances, and to the forefront of Education. All this, first-hand, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



#### Interactive Summaries

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 multimedia content presentation training Exclusive system 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 your goals.



**Classes**

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

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



**Quick Action Guides**

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



05

# Certificate

The Postgraduate Certificate in Neurodegenerative Diseases guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.







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

This **Postgraduate Certificate in Neurodegenerative Diseases** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery\*.

The certificate issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Neurodegenerative Diseases**

Official N° of Hours: **150 h.**



\*Apostille Convention. In the event that the student wishes to have their paper certificate issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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personalized service innovation

knowledge present quality

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