



Postgraduate Certificate

Rare and Contagious Diseases

» Modality: online

» Duration: 6 weeks

» Certificate: TECH Global University

» Credits: 6 ECTS

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/nursing/postgraduate-certificate/rare-contagious-diseases

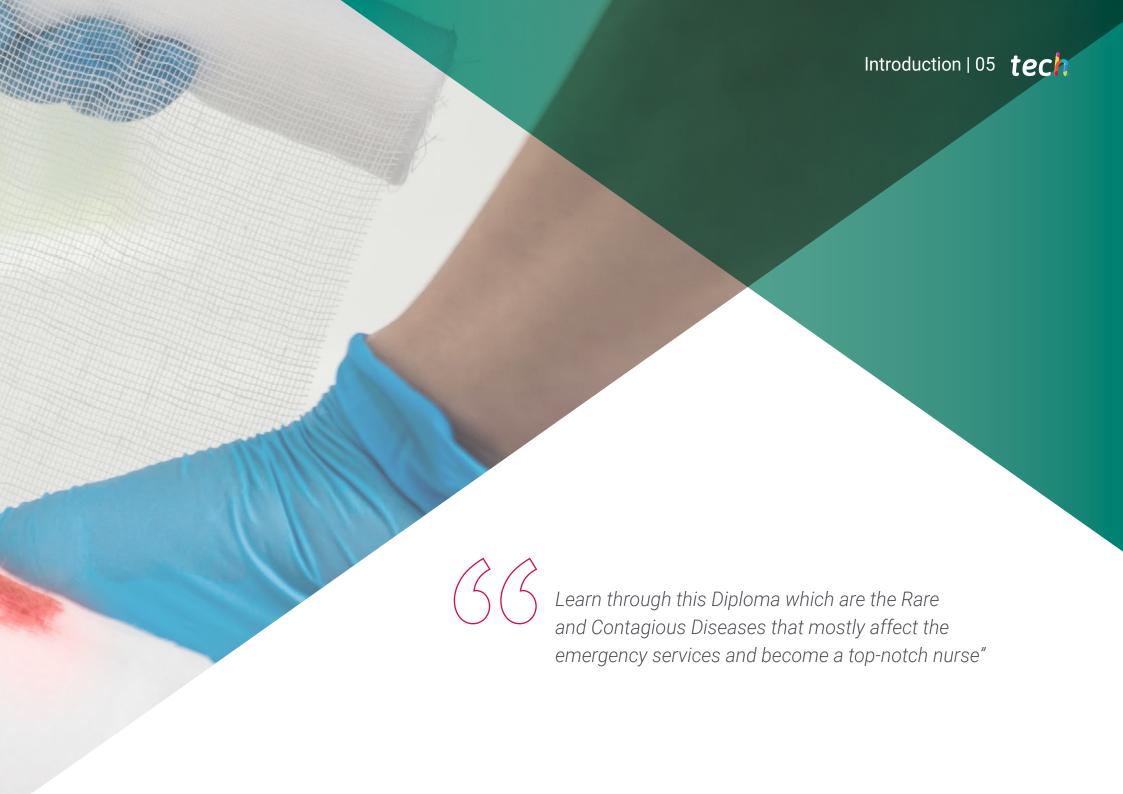
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Certificate

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All health care personnel working in the Accident and Emergency departments of hospitals and health centers are fully aware of the importance of providing early and timely care to patients who may have a rare or contagious disease. In this sense, and as a means of preserving the well-being of the group, it is vital that nurses know which are the most appropriate procedures in each case and how to intervene according to the disease.

Therefore, the education of nurses in rare pathologies is considered fundamental since this will be the professional's main asset when implementing those less common processes that need constant revision based on the most updated scientific evidence. For this reason, in this Postgraduate Certificate, some of the most relevant rare diseases that are considered useful for the advanced education of health professionals will be discussed in depth. Some of them are congenital coagulopathy or chemical sensitivity.

On the other hand, this Postgraduate Certificate will delve into the role of Nursing in contagious diseases, which is crucial both in the identification as well as in the advanced handling of these patients. Therefore, this program will also focus on those pathologies with which patients most frequently come to the emergency department, paying special attention to SARS-CoV-2 and hemorrhagic fevers, whose transmission mechanisms and health management are essential to avoid subsequent disasters.

Likewise, and from the perspective of hospital emergencies, the most effective specific protocols for action will be described, including those related to personal protective equipment (PPE) and waste management, since the safety of healthcare personnel is fundamental for the correct functioning of the healthcare environment.

All this, in a 100% online program that allows the professional to study where and when they want, only requiring a device with Internet connection. This way, you will not have to neglect your professional and personal obligations to continue learning to become a top-notch nurse.

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

- The graphic, schematic and practical contents of the course are designed to provide all the essential information required for professional practice
- Exercises where the self-assessment process can be carried out to improve learning
- An algorithm-based interactive learning system, designed for decision-making for patients with nutritional problems
- Theoretical lessons, questions to the course, discussion forums on controversial issues and individual reflection papers
- Content that is accessible from any fixed or portable device with an Internet connection



Improve your knowledge in rare diseases in hospital and out-of-hospital emergencies through this program, where you will find the best didactic material with real cases"



This Postgraduate Certificate is the best investment you can make when selecting a refresher program, for two reasons: in addition to updating your knowledge in Rare and Contagious Diseases, you will obtain a certificate from one of the most reputable educational institutions: TECH Technological University"

The program's teaching staff includes professionals from the fields of Medicine and Nursing, who bring their work experience to this education, as well as renowned specialists from prestigious reference societies and universities.

Its multimedia content, developed with the latest educational technology, will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive education programmed to prepare in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and highly experienced experts in emergency nursing.

The Postgraduate Certificate allows students to learn through simulated environments, which provide immersive learning programmed to prepare them for real situations.

This 100% online Postgraduate Certificate will allow you to balance your studies with your professional work while increasing your knowledge in this field.







tech 10 | Objectives



General Objectives

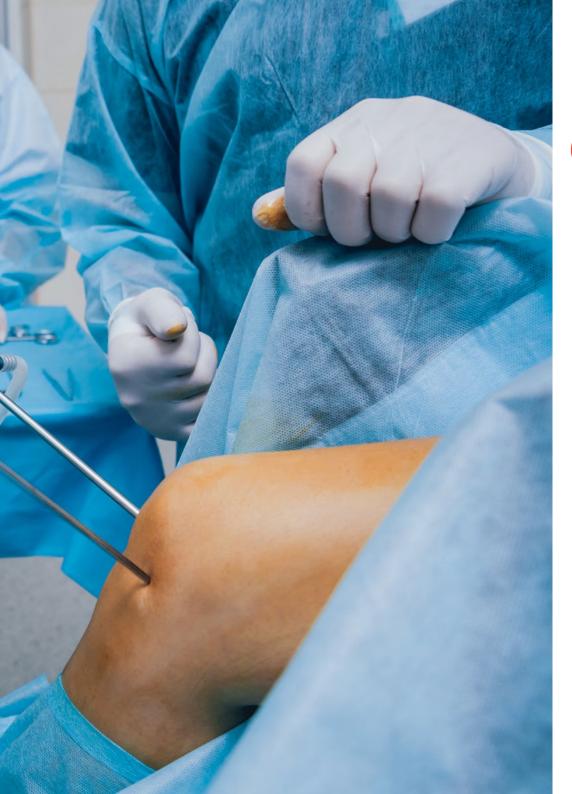
- Review the main relevant rare pathologies in hospital emergency for their advanced management
- Gain insight into the pathophysiology and transmission mechanism of SARS-CoV-2 disease and its subsequent effects
- Prepare students for the identification and management of diseases characterized by hemorrhagic fevers
- Develop protocols related to individual protection equipment, waste management and occupational safety



The online modality of this program will enable you to balance your daily routine with the acquisition of new knowledge"









Specific Objectives

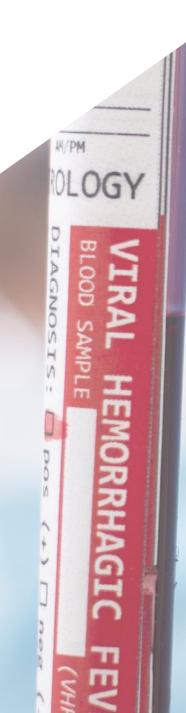
- Acquire knowledge that facilitates assistance and skill in providing care to patients with coagulopathies. Compare hemophilia A and B, Analyze Von Willebrand's disease, as well as delve into clotting factors
- Delve into chemical sensitivity, and know the recommendations to be considered.

 Acquire skills for handling this type of patients. Raise professionals' awareness on this health problem
- List and detail the main infectious-contagious pathologies
- Acquire the necessary knowledge as well as the management of SARS-CoV-2 infection
- Identify the main complications of SARS-CoV-2 infection
- Acquire the necessary knowledge in isolation and prevention of hospital infections to provide quality and safe care, with the aim of reducing nosocomial infections.
 Know the impact of nosocomial infections
- Delve into the legal framework and waste management. Identify the risks associated with so-called hazardous drugs
- List the components of individual protection equipment, and delve into the necessary preparation for professionals who are directly or indirectly involved
- Exhibit the elasticity that an emergency department must have nowadays, as well as its adaptability capacity during special situations

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Course Management

The program's teaching staff includes leading specialists in Nursing of Accidents and Emergencies and other related field, who bring their years of work experience to this educational program. In addition, other specialists of recognized prestige participate in its design and elaboration, completing the program in an interdisciplinary manner. All of this, with the aim of providing nurses with the most complete information and contents of the educational panorama so that they can practice their profession with greater guarantees of success.





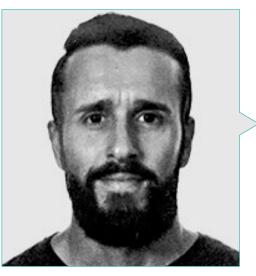
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Management



Ms. Souto Novas, Ana María

- Nurse Emergency Supervisor at La Paz University Hospital
- Admission Nurse at La Paz University Hospita
- Master's Degree in Integration and Critical Problem Solving in Nursing from the University of Alcalá
- Postgraduate Diploma in Management and Nursing Services Leadership given by the School of Health Sciences
- Postgraduate Diploma iin Accidents and Emergencies from the Complutense University of Madrid
- Postgraduate Certificate in Nursing from the Pontificia University of Salamanca



D. Ruiz López, Daniel

- Nurse specialized in Nursing Services Direction and Management
- Nursing Supervisor in the Adult Emergency Department of La Paz University Hospital of Madrid
- Diploma in Nursing (D.U.E.), University School of Nursing, Cordoba
- Master's Degree in Nursing Management. Cardenal Herrera University
- University Expert in Nursing in the Hospital Emergency Department. Cardenal Herrera University
- University Expert in Management Skills for Nursing. Cardenal Herrera University
- University Expert in Quality Management for Nursing. Cardenal Herrera University
- University Expert in Management and Services Supervision for Nursing. Cardenal Herrera University
- University Expert in Direction and Management of Health Services for Nurses. Cardenal Herrera University
- Instructor of Instructors and Auditors in Triage Manchester. Spanish Triage Group
- Manchester Triage System Course. Spanish Traige Group



Course Management | 15 tech

Professors

Dr. Estebaranz Santamaría, Cristina

- Nurse and Researcher
- Nurse at the Adult Emergency Department of La Paz University Hospital
- Associate Professor of Nurses, Autonomous University of Madrid
- Main advisor for Nursing Clinical internships at the Autonomous University of Madrid
- PhD in Medicine and Surgery from the Autonomous University of Madrid
- Graduate in Nursing from the Autonomous University of Madrid
- Master's Degree in Accidents, Emergencies and Critical Nursing Care given by the European University of Madrid

D. Galbis Palma, Alejandro

- Nurse at the Adult Emergency Department of La Paz University Hospital
- Postgraduate Certificate in Nursing
- Postgraduate Certificate in Nursing Application of Techniques in Accident and Emergency Care
- Postgraduate Certificate in Nursing Interventions in Disaster Situations
- Postgraduate Certificate in Instrumentalized Life Support
- Postgraduate Certificate in Intravenous Therapy and PICC Implantation

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D. García Garrido, Miguel Ángel

- Nurse of the Adult Emergency Department of La Paz University Hospital
- University Diploma in Nursing
- Master's Degree in Health Emergency and Disasters given by the University of León
- Master's Degree in Critical Illness and Emergencies given by the University of Barcelona
- Master's Degree in Clinical Research given by the University of Barcelona
- Postgraduate Certificate in Advanced Life Support
- Postgraduate Certificate in Trauma Advanced Life Support
- Postgraduate Certificate in Basic and Advanced CPR in Pediatrics

Ms. Gómez Lage, Laura

- Nurse at the Adult Emergency Department of La Paz University Hospital
- Degree in Nursing from the Complutense University of Madrid
- Expert in Nursing Processes and Interventions for Pediatric Patients in Life-Threatening Situations by FUDEN and the Catholic University of Avila
- Expert in Emotional Development and Parenting by FUDEN and Catholic University of Avila
- Basics of Accident and Emergency Nursing by FMAE
- Emergencies in the Institutionalized Patient Care by the Puerta de Hierro Majadahonda University Hospital
- Pharmacology Residency in Accident and Emergency Care by FUDEN
- Nursing Care of the Healthy Newborn by FMAE
- Frequently Used Drugs by Diffusion Nursing Advances





Course Management | 17 tech

Ms. Peinado Quesada, María Angustias

- Nurse at the Adult Emergency Department of La Paz University Hospital
- Nurse in the Intensive Care Unit of St Helier Hospital (London)
- Nurse in the Heart Unit of La Paz University Hospital
- Nurse in the Intensive Care Unit of La Paz University Hospital
- Full Professor at the Autonomous University of Madrid
- Diploma in Nursing from the Autonomous University of Madrid
- Master's Degree in Assessment and Management of the Critically III Patient by St. George's University (London)
- Expert in Advanced Mechanical Ventilation for Nurses from ST George's University
- Expert in Accident Emergency and Critical Care Nursing Care by FUDEN
- American Heart Association BLS/AVS Instructor



Take the step to get up to date on the latest developments in Advanced Approach in Traumatologic Emergencies





tech 20 | Structure and Content

Module 1. Rare and Contagious Diseases

- 1.1. Congenital Coagulopathies
- 1.2. Chemical Sensitivity
- 1.3. Main Infectious and Contagious Pathologies
- 1.4. Epidemiology, Pathogenesis, Pathophysiology, and Transmission Mechanisms of Coronavirus Infections
- 1.5. Microbiological Diagnosis and Management of SARS-CoV-2 Infection
- 1.6. Hemorrhagic Fevers
- 1.7. Insulation and Safety Measures
- 1.8. Dangerous Waste and Drug Management
- 1.9. Personal Protective Equipment (PPE). Staff Education and Simulation
- 1.10. Adaptation of an Emergency Department to New Contagious Diseases





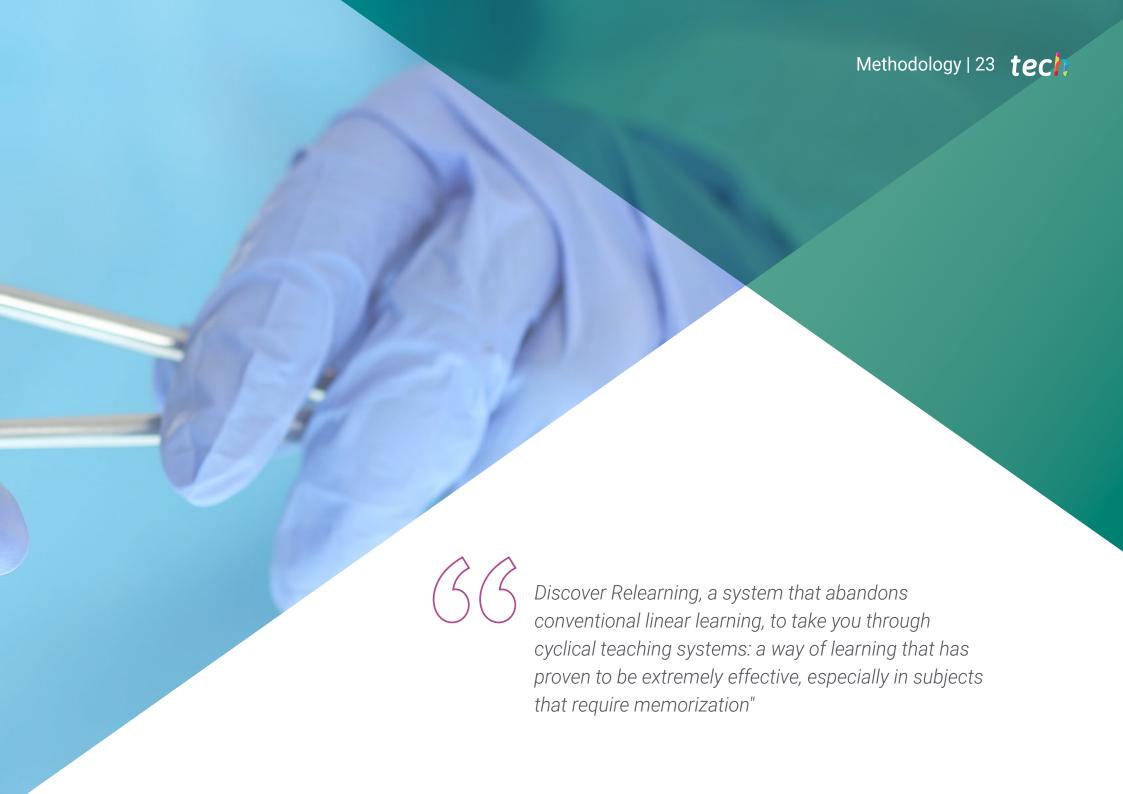
A unique, key, and decisive educational experience to boost your professional development"





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.



tech 24 | Methodology

At TECH Nursing School we use the Case Method

In a given situation, what should a professional do? 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. Nurses learn better, faster, and more sustainably over time.

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



According to Dr. Gérvas, 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, in an attempt to recreate the real conditions in professional nursing practice.



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:

- Nurses 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 has a clear focus on practical skills that allow the nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.
- 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.

This 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 is a real revolution compared to the simple study and analysis of cases.

The nurse 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.



Methodology | 27 tech

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 175,000 nurses with unprecedented success in all specialities regardless of practical workload. 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 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 TECH's 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 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.



Nursing Techniques and Procedures on Video

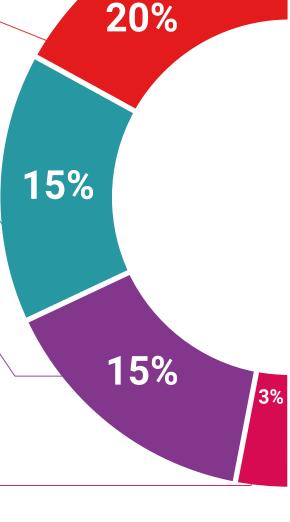
We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch them as many times as you 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 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.



Effective learning ought to be contextual. Therefore, TECH presents real cases in which



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

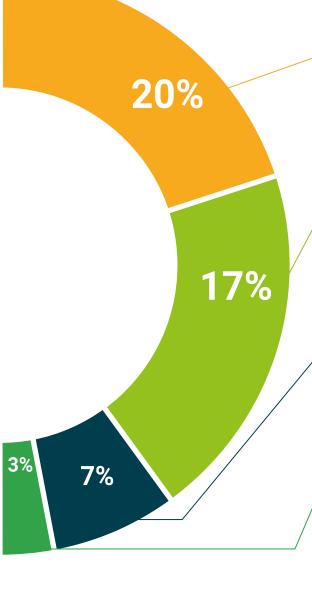
There is scientific evidence suggesting that observing third-party experts can be useful.

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.







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This private qualification will allow you to obtain a **Postgraduate Certificate in Rare and Contagious Diseases** endorsed by **TECH Global University**, the world's largest online university.

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

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

Title: Postgraduate Certificate in Rare and Contagious Diseases

Modality: online

Duration: 6 weeks

Accreditation: 6 ECTS



Mr./Ms. _____, with identification document _____ has successfully passed and obtained the title of:

Postgraduate Certificate in Rare and Contagious Diseases

This is a private qualification of 180 hours of duration equivalent to 6 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024



^{*}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.

health confidence people

education information tutors
guarantee accreditation teaching
institutions technology learning



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