Postgraduate Diploma

Health System. Clinical Medicine and Research

tech technological university

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Postgraduate Diploma

Health System. Clinical Medicine and Research

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

Website: www.techtitute.com/pk/information-technology/postgraduate-diploma/postgraduate-diploma-health-system-clinical-medicine-research

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01

Introduction

Continuous research in the field of health care has led to the development of increasingly specialized and effective therapeutic strategies for the treatment of various pathologies. If we add to this the advances made in the field of IT and digital technology and their application in the field of biomedicine, the result is the creation of tools that are increasingly adapted to the needs of patients and professionals in this field. Based on this, and taking into consideration the fact that in this sector the computer scientist can find a promising job future, TECH has developed a program that will allow you to specialize in it. This is a 100% online program, but highly enabling, thanks to which you will be able to delve into the intricacies of molecular medicine and pathology diagnosis, as well as the requirements for research in health sciences, aspects that will allow you to develop systems and software adapted to the specifications of this industry.

Embarking on the path to become an Expert in e-Health applied to clinical medicine and research, is just a click away. Are you in?"

The broad expectations for the future that have arisen in the field of Digital Health have opened up a very broad labor market for IT professionals. This is a sector specifically conditioned by the development of technology and digital systems, which requires the participation of these specialists, not only for the creation of systems and tools adapted to their requirements, but also for their maintenance. However, to work in this field it is necessary to have a broad and comprehensive knowledge of the intricacies of medicine and research processes in health sciences.

To this end, the graduate can count on this Postgraduate Diploma, a complete and dynamic program that will allow the graduate to specialize in this area in only 6 months and in a guaranteed manner. Through 450 hours of theoretical, practical and additional material, you will be able to delve into the specifics of molecular medicine and the diagnosis of pathologies, developing specialized knowledge about the possible applications of informatics in this field. Additionally, you will also delve into the latest aspects related to the management and direction of health centers, in order to know in detail the needs of their professionals and therefore be able to adapt the tools to their requirements.

This is a program designed by experts who have included, additionally to the most specific and specialized syllabus, hours of extra content so that the graduate can contextualize the information and delve in a personalized way into the aspects that he considers most relevant for his professional performance. All of this is presented in a convenient and accessible 100% online format that will allow you to access the Virtual Campus from anywhere and through any device with an Internet connection.

This **Postgraduate Diploma in Health System. Clinical Medicine and Research** contains the most complete and up-to-date educational program on the market. The most important features include:

- The development of practical cases presented by experts in clinical research.
- The graphic, schematic and practical contents with which it is designed provide clinical and practical information on those disciplines that are essential for professional practice
- The practical exercises where the self-evaluation 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

Its convenient 100% online format will allow you to access the course of this program from wherever you want and through any device with an Internet connection"

You will be able to delve into the different diseases in which e-Health tools can be applied, which will help you to develop new strategies adapted to the current sector"

A thorough knowledge of the metrics used to analyze the data associated to mortality and morbidity, will give you ideas for creating innovative and specific tools.

On the Virtual Campus you will find 450 hours of diverse material: detailed videos, research articles, further reading and much more! You will also be able to download it all.

The program's teaching staff 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.

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 training programmed to train in real situations.

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

02

Objectives

TECH and its team of experts have developed this program with the objective of facilitating the IT professional's specialization in this area of e-Health. For this purpose, they have selected the most extensive and innovative information, as well as the most modern academic tools to facilitate their specialized knowledge in only 6 months of training. As a result, graduates will surpass even their most ambitious academic expectations with a program specifically adapted to their needs and those of the sector.

TECH will provide you with all the material you need to achieve even your most ambitious goals in a guaranteed way and in only 6 months of training"

General Objectives

- Develop key concepts of medicine that will serve as a vehicle for the understanding of clinical medicine
- Determine the major diseases affecting the human body classified by apparatus or systems, structuring each module into a clear outline of pathophysiology, diagnosis, and treatment
- Determine how to obtain metrics and tools for healthcare management
- Understand the basics of basic and translational scientific methodology
- Examine the ethical and best practice principles governing the different types of research in health sciences
- Identify and generate the means of funding, assessing and disseminating scientific research
- Identify the real clinical applications of the various techniques
- Develop the key concepts of computational science and theory
- Determine the applications of computer science and its implication in bioinformatics
- Provide the necessary resources to practically apply all the concepts in the modules
- Develop the fundamental concepts of databases
- Determine the importance of medical databases
- Delve into the most important techniques in research
- Identify the opportunities offered by the IoT in the field of eHealth
- Provide specialized knowledge of the technologies and methodologies used in the design, development and assessment of telemedicine systems
- Determine the different types and applications of telemedicine
- Study the most common ethical aspects and regulatory frameworks of telemedicine
- Analyze the use of medical devices
- Develop the key concepts of entrepreneurship and innovation in eHealth
- Determine what a business model is and the types that exist
- Collect eHealth success stories and mistakes to avoid
- Apply the knowledge acquired to an original business idea
- Develop the fundamental concepts of databases
- Determine the importance of medical databases
- Delve into the most important techniques in research
- Identify the opportunities offered by the IoT in the field of e-Health
- Provide specialized knowledge of the technologies and methodologies used in the design, development and assessment of telemedicine systems
- Determine the different types and applications of telemedicine
- Delve into the most common ethical aspects and regulatory frameworks of telemedicine
- Analyze the use of medical devices
- Develop the key concepts of entrepreneurship and innovation in e-Health
- Determine what a business model is and the types that exist
- Collect e-Health success stories and mistakes to avoid
- Apply the knowledge acquired to your own business idea

Specific Objectives

Module 1. Molecular Medicine and Pathology Diagnosis

- Understand the diseases of the circulatory and respiratory systems
- Determine the general pathology of the digestive and urinary apparatus, of the endocrine and metabolic systems and of the nervous system
- Generate expertise in diseases affecting the blood and the locomotor system

Module 2. Health system Management and Administration in Health Centers

- Determine what a health system is
- Analyze the different healthcare models in Europe
- Examine how the healthcare market functions
- Develop key knowledge of hospital design and architecture
- Generate specialized knowledge of health measures
- Delve into resource allocation methods
- Compile productivity management methods
- Establish the role played by Project Managers

Module 3. Research in Health Sciences

- Determine the need for scientific research
- Interpret scientific methodology
- Specify the need for types of research in health sciences, each in their context
- Establish the principles of evidence-based medicine
- Examine the needs to interpret scientific results
- Develop and interpret the basics of clinical trials
- Examine the methodology used to disseminate scientific research results and the ethical and legislative principles that govern it

03

Course Management

The faculty of this Postgraduate Diploma has been selected on the basis of their professional and academic syllabus. Thanks to this, it has been possible to put together a team specialized in the field of IT and engineering applied to e-Health which, moreover, is currently working. This will enable them to reflect the current reality of the industry, as well as the criteria to be taken into account in order to succeed in it. It is, therefore, a unique opportunity to be trained by the best professionals professionals and having their own experience as a reference.

The teaching team has worked tirelessly to develop a variety of additional material with which you can delve into the different sections of the syllabus in a personalized way"

Management

Ms. Sirera Pérez, Ángela

- Biomedical Engineer Expert in Nuclear Medicine and Exoskeleton Design
- Designer of specific parts for 3D printing at Technadi
- Technician in the Nuclear Medicine Area of the University Clinic of Navarra
- Degree in Biomedical Engineering from the University of Navarra
- MBA and Leadership in Healthcare and Medical Technology Companies

Professors

Mr. Varas Pardo, Pablo

- Biomedical Engineer and Expert Data Scientist
- Data Scientist at the Institute of Mathematical Sciences (ICMAT)
- Biomedical Engineer at La Paz University Hospital
- Graduate in Biomedical Engineering from the Polytechnic University of Madrid
- Internship at 12 de Octubre University Hospital
- Master's Degree in Technological Innovation in Health from the Polytechnic University of Madrid and Higher Technical Institute of Lisbon
- Master's Degree in Biomedical Engineering from the Polytechnic University of Madrid

Dr. Pacheco Gutiérrez, Victor Alexander

- Medical advisor for professional baseball, boxing and cycling teams
- Specialty in Orthopedics and Traumatology
- Degree in Medicine
- Sports Medicine Fellowship in Sportsmed
- Member of the American Academy of Orthopedic Surgeons

04

Structure and Content

TECH is a pioneer in the entire university academic sector in the use of the Relearning methodology when developing its programs. This pedagogical strategy consists of reiterating the most relevant concepts throughout the syllabus, favoring a natural and progressive acquisition of knowledge. As a result, the graduate does not need to invest extra time in memorizing, but rather attends a dynamic and entertaining training. Additionally, it is also based on the resolution of real situations, which will allow them to perfect their skills, so that they can face the labor market fully prepared to achieve success.

Forget about fixed schedules. TECH customizes your study so that you can choose the time and the level of depth of the subject"

Module 1. Molecular Medicine and Pathology Diagnosis

1.1. Molecular Medicine
- 1.1.1. Cellular and Molecular Biology. Cell Injury and Cell Death. Aging
- 1.1.2. Diseases Caused by Microorganisms and Host Defence
- 1.1.3. Autoimmune Diseases
- 1.1.4. Toxicological Diseases
- 1.1.5. Hypoxia Diseases
- 1.1.6. Diseases related to the Environment
- 1.1.7. Genetic Diseases and Epigenetics
- 1.1.8. Oncological Diseases

1.2. Circulatory System
- 1.2.1. Anatomy and Function
- 1.2.2. Myocardial Diseases and Heart Failure
- 1.2.3. Cardiac Rhythm Diseases
- 1.2.4. Valvular and Pericardial Diseases
- 1.2.5. Atherosclerosis, Arteriosclerosis and Arterial Hypertension
- 1.2.6. Peripheral Arterial and Venous Disease
- 1.2.7. Lymphatic Disease (Greatly Overlooked)

1.3. Respiratory System Diseases
- 1.3.1. Anatomy and Function
- 1.3.2. Acute and Chronic Obstructive Pulmonary Diseases
- 1.3.3. Pleural and Mediastinal Diseases
- 1.3.4. Infectious Diseases of the Pulmonary Parenchyma and Bronchi
- 1.3.5. Pulmonary Circulation Diseases

1.4. Digestive System Diseases
- 1.4.1. Anatomy and Function
- 1.4.2. Digestive System, Nutrition, and Hydroelectrolyte Exchange
- 1.4.3. Gastroesophageal Diseases
- 1.4.4. Gastrointestinal Infectious Diseases
- 1.4.5. Liver and Biliary Tract Diseases
- 1.4.6. Pancreatic Diseases
- 1.4.7. Colon Diseases

1.5. Renal and Urinary Tract Diseases
- 1.5.1. Anatomy and Function
- 1.5.2. Renal Insufficiency (Prerenal, Renal, and Postrenal): How They Are Triggered
- 1.5.3. Obstructive Urinary Tract Diseases
- 1.5.4. Sphincteric Insufficiency in the Urinary Tract
- 1.5.5. Nephrotic Syndrome and Nephritic Syndrome

1.6. Endocrine System Diseases
- 1.6.1. Anatomy and Function
- 1.6.2. The Menstrual Cycle and Associated Conditions
- 1.6.3. Thyroid Disease
- 1.6.4. Adrenal Insufficiency
- 1.6.5. Disorders of Sexual Differentiation
- 1.6.6. Hypothalamic-Pituitary Axis, Calcium Metabolism, Vitamin D and Effects on Growth and Skeleton

1.7. Metabolism and Nutrition
- 1.7.1. Essential and Non-Essential Nutrients: Clarifying Definitions
- 1.7.2. Carbohydrate Metabolism and Alterations
- 1.7.3. Protein Metabolism and Alterations
- 1.7.4. Lipids Metabolism and Alterations
- 1.7.5. Iron Metabolism and Alterations
- 1.7.6. Disorders of Acid-Base Balance
- 1.7.7. Sodium and Potassium Metabolism and Alterations
- 1.7.8. Nutritional Diseases (Hypercaloric and Hypocaloric)

1.8. Hematologic Diseases
- 1.8.1. Anatomy and Function
- 1.8.2. Red Blood Cell Disorders
- 1.8.3. Diseases of White Blood Cells, Lymph Nodes and Spleen
- 1.8.4. Hemostasis and Bleeding Diseases

1.9. Musculoskeletal System Diseases
- 1.9.1. Anatomy and Function
- 1.9.2. Joints: Types and Function
- 1.9.3. Bone Regeneration
- 1.9.4. Normal and Pathological Skeletal System Development
- 1.9.5. Deformities of the Upper and Lower Limbs
- 1.9.6. Joint Pathology, Cartilage, and Synovial Fluid Analysis
- 1.9.7. Joint Diseases with Immunologic Origin

1.10. Nervous System Diseases
- 1.10.1. Anatomy and Function
- 1.10.2. Central and Peripheral Nervous System Development
- 1.10.3. Development of the Spine and Components
- 1.10.4. Cerebellum and Proprioceptive Diseases
- 1.10.5. Brain Disorders (Central Nervous System)
- 1.10.6. Spinal Cord and Cerebrospinal Fluid Diseases
- 1.10.7. Stenotic Diseases of the Peripheral Nervous System
- 1.10.8. Infectious Diseases of the Central Nervous System
- 1.10.9. Cerebrovascular Disease (Stenotic and Hemorrhagic)

Module 2. Health system Management and Administration in Health Centers

2.1. Healthcare Systems
- 2.1.1. Healthcare Systems
- 2.1.2. Healthcare Systems according to the WHO
- 2.1.2. Healthcare Context

2.2. Sanitary Models I. Bismark vs Beveridge Model
- 2.2.1. Bismark Model
- 2.2.2. Beveridge Model
- 2.2.3. Bismark Model Beveridge Model

2.3. Healthcare Models II. Semashko, Private and Mixed Models
- 2.3.4. Semashko Model
- 2.3.5. Private Model
- 2.3.6. Mixed Models

2.4. The Health Market
- 2.4.1. The Health Market
- 2.4.2. Health Market Regulation and Limitations
- 2.4.3. Payment Methods for Doctors and Hospitals
- 2.4.4. Clinical Engineers

2.5. Hospitals. Typology
- 2.5.1. Hospital Architecture
- 2.5.2. Types of Hospitals
- 2.5.3. Hospital Organization

2.6. Health Metrics
- 2.6.1. Mortality
- 2.6.2. Morbidity
- 2.6.3. Healthy Life Years

2.7. Health Resource Allocation Methods
- 2.7.1. Lineal Programming
- 2.7.2. Maximization Models
- 2.7.3. Minimization Models

2.8. Measuring Healthcare Productivity
- 2.8.1. Measuring Health Productivity
- 2.8.2. Productivity Ratios
- 2.8.3. Input Adjustment
- 2.8.4. Output Adjustment

2.9. Health Process Improvement
- 2.9.1. Lean Management Process
- 2.9.2. Work Simplification Tools
- 2.9.3. Troubleshooting Tools

2.10. Healthcare Project Management
- 2.10.1. The Role Played by Project Managers
- 2.10.2. Team and Project Management Tools
- 2.10.3. Schedule and Time Management

Module 3. Research in Health Sciences

3.1. Scientific Research I. The Scientific Method
- 3.1.1. Scientific Research
- 3.1.2. Research in Health Sciences
- 3.1.3. The Scientific Method

3.2. Scientific Research II. Typology
- 3.2.1. Basic Research
- 3.2.2. Clinical Research
- 3.2.3. Translational Research

3.3. Evidence-Based Medicine
- 3.3.1. Evidence-Based Medicine
- 3.3.2. Principles of Evidence-Based Medicine
- 3.3.3. Methodology of Evidence-Based Medicine

3.4. Ethics and Legislation in Scientific Research. Declaration of Helsinki
- 3.4.1. The Ethics Committee
- 3.4.2. Declaration of Helsinki
- 3.4.3. Ethics in Health Sciences

3.5. Scientific Research Results
- 3.5.1. Methods
- 3.5.2. Rigor and Statistical Power
- 3.5.3. Scientific Results Validity

3.6. Public Communication
- 3.6.1. Scientific Societies
- 3.6.2. Scientific Conferences
- 3.6.3. Communication Structures

3.7. Funding in Scientific Research
- 3.7.1. Structure in Scientific Projects
- 3.7.2. Public Financing
- 3.7.3. Private and Industrial Funding

3.8. Scientific Resources in Literature Searching. Health Sciences Databases I
- 3.8.1. PubMed-Medline
- 3.8.2. Embase
- 3.8.3. WOS and JCR
- 3.8.4. Scopus and Scimago
- 3.8.5. Micromedex
- 3.8.6. MEDES
- 3.8.7. IBECS
- 3.8.8. LILACS
- 3.8.9. CSIC Databases: ISOC and ICYT
- 3.8.10. BDENF
- 3.7.11. Cuidatge
- 3.8.12. CINAHL
- 3.8.13. Cuiden Plus
- 3.8.14. Enfispo
- 3.8.15. NCBI (OMIM, TOXNET) and NIH (National Cancer Institute) Databases

3.9. Scientific Resources in Literature Searching. Health Sciences Databases II
- 3.9.1. NARIC - Rehabdata
- 3.9.2. PEDro
- 3.9.3. ASABE: Technical Library
- 3.9.4. CAB Abstracts
- 3.9.5. CSIC-Indexes
- 3.9.6. Centre for Reviews and Dissemination (CRD) Databases:
- 3.9.7. Biomed Central BMC
- 3.9.8. ClinicalTrials.gov
- 3.9.9. Clinical Trials Register
- 3.9.10. DOAJ- Directory of Open Access Journals
- 3.9.11. PROSPERO (Registro Internacional Prospectivo de Revisiones Sistemáticas)
- 3.9.12. TRIP
- 3.9.13. LILACS
- 3.9.14. NIH. Medical Library
- 3.9.15. Medline Plus
- 3.9.16. OPS

3.10. Scientific Resources in Literature Searching III. Search Engines and Platforms
- 3.10.1. Search Engines and Multisearch Engines
  - 3.10.1.1. Findr
  - 3.10.1.2. Dimensions
  - 3.10.1.3. Google Scholar
  - 3.10.1.4. Microsoft Academic
- 3.10.2. WHO International Clinical Trials Registration Platform (ICTRP)
  - 3.10.2.1. PubMed Central PMC
  - 3.10.2.1. Open Science Collector (RECOLECTA)
  - 3.10.2.2. Zenodo
- 3.10.3. Doctoral Thesis Search Engines
  - 3.10.3.1. DART-Europe
  - 3.10.3.2. Dialnet
  - 3.10.3.3. OATD (Open Access Theses and Dissertations)
  - 3.10.3.4. TDR (Doctoral Theses Online)
  - 3.10.3.5. TESEO
- 3.10.4. Bibliography Managers
  - 3.10.4.1. Endnote Online
  - 3.10.4.2. Mendeley
  - 3.10.4.3. Zotero
  - 3.10.4.4. Citeulike
  - 3.10.4.5. Refworks
- 3.10.5. Digital Social Networks for Researchers
  - 3.10.5.1. Scielo
  - 3.10.5.2. Dialnet
  - 3.10.5.3. Free Medical Journals
  - 3.10.5.4. DOAJ
  - 3.10.5.5. Open Science Directory
  - 3.10.5.6. Redalyc
  - 3.10.5.7. Academia.edu
  - 3.10.5.8. Mendeley
  - 3.10.5.9. ResearchGate

3.10.6. Social Web 2.0 Resources
- 3.10.6.1. Delicious
- 3.10.6.2. SlideShare
- 3.10.6.3. YouTube.
- 3.10.6.4. Twitter
- 3.10.6.5. Health Science Blogs
- 3.10.6.6. Facebook.
- 3.10.6.7. Evernote
- 3.10.6.8. Dropbox
- 3.10.6.9. Google Drive

3.10.7. Scientific Journal Publishers and Aggregators Portals
- 3.10.7.1. Science Direct
- 3.10.7.2. Ovid
- 3.10.7.3. Springer
- 3.10.7.4. Wiley
- 3.10.7.5. Proquest
- 3.10.7.6. Ebsco
- 3.10.7.7. BioMed Central

A program with which you will be able to actively participate in the improvement of health care processes, which will make you a distinguished professional and a reference in the sector"

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.

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"

Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world"

You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.

The student will learn to solve complex situations in real business environments through collaborative activities and real cases.

A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.

> *Our program prepares you to face new challenges in uncertain environments and achieve success in your career"*

The case method has been the most widely used learning system among the world's leading Information Technology schools for as long as they have existed. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question that you are presented with in the case method, an action-oriented learning method. Throughout the course, students will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

Relearning Methodology

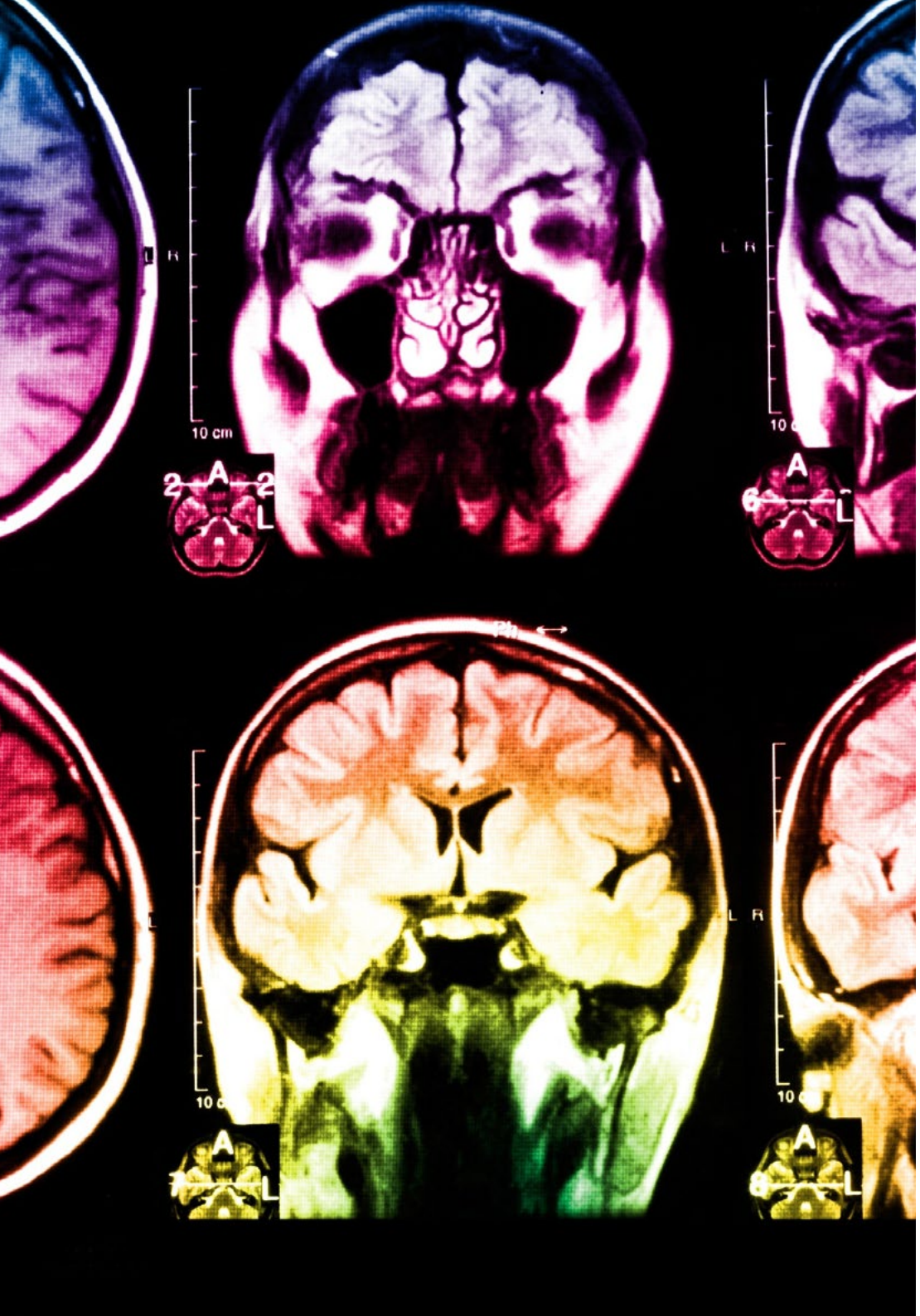
TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

In 2019, we obtained the best learning results of all online universities in the world.

At TECH you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our university is the only one in the world authorized to employ this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.



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. This methodology has trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, and financial markets and instruments. 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 training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.

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.

Classes

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

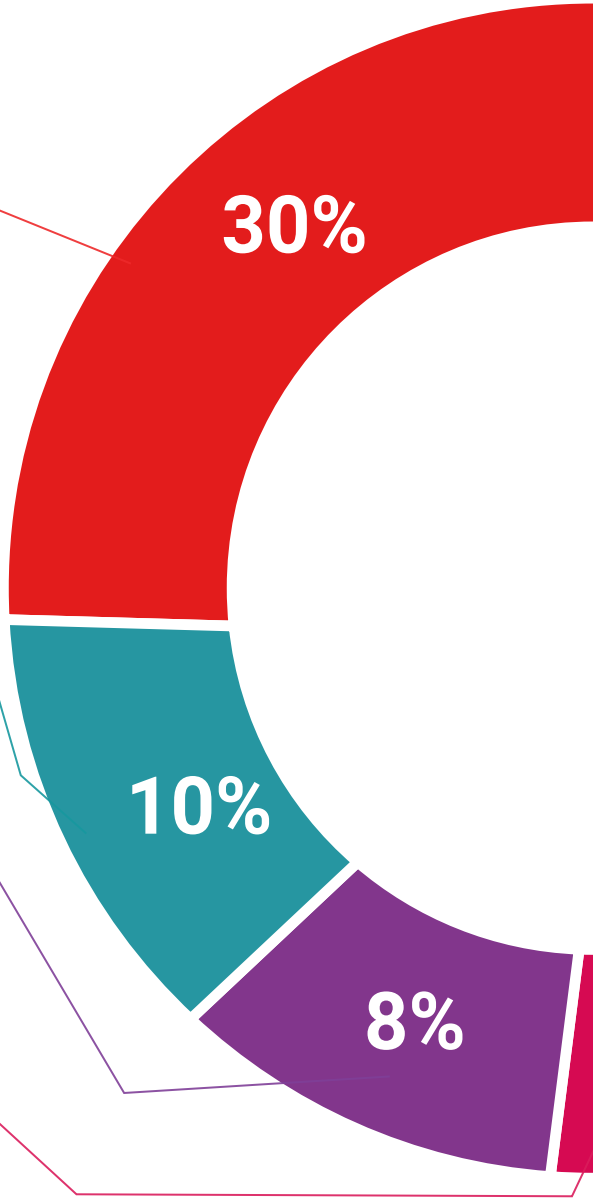
Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.

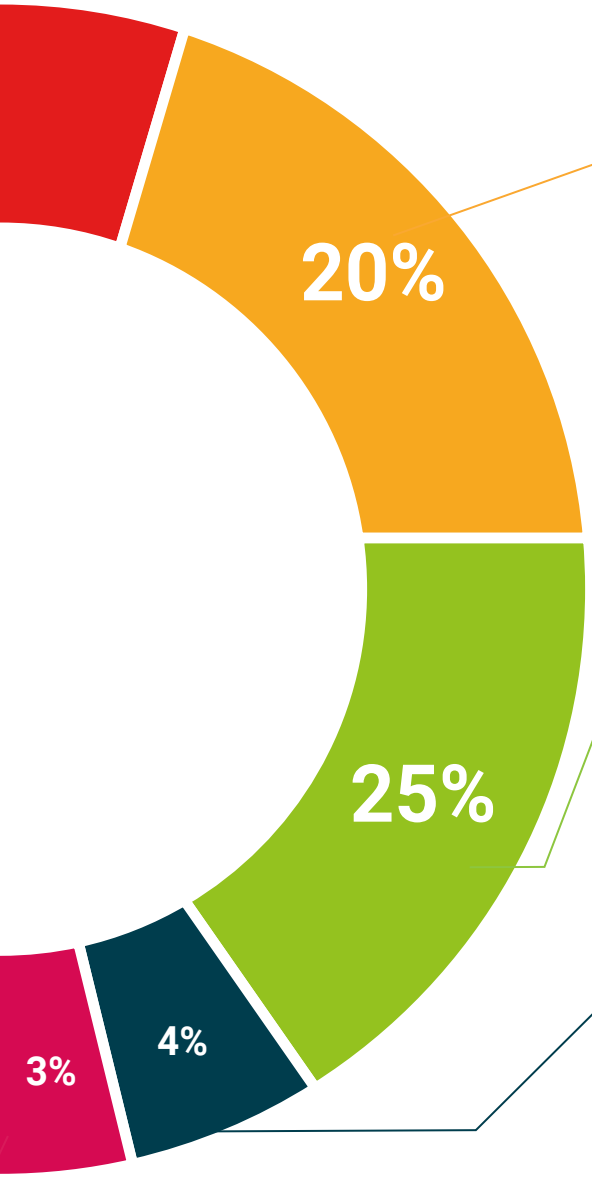
Practising Skills and Abilities

They will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.

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.





Case Studies

Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best specialists in the world.

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".

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.

06

Certificate

The Postgraduate Diploma in Health System. Clinical Medicine and Research guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Technological University.

Successfully complete this program and receive your degree without having to travel or fill out laborious paperwork"

This **Postgraduate Diploma in Health System. Clinical Medicine and Research** 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 Diploma** issued by **TECH Technological University** via tracked delivery*.

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

Title: **Postgraduate Diploma in Health System. Clinical Medicine and Research**

Official Nº of Hours: **450 h.**

tech technological university

Awards the following

CERTIFICATE

to

Mr./Ms. _____, with identification number _____.

For having passed and accredited the following program

POSTGRADUATE DIPLOMA

in

Health System. Clinical Medicine and Research

This is a qualification awarded by this University, equivalent to 450 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

Unique TECH Code: AFWORD23S techtitute.com/certificates

*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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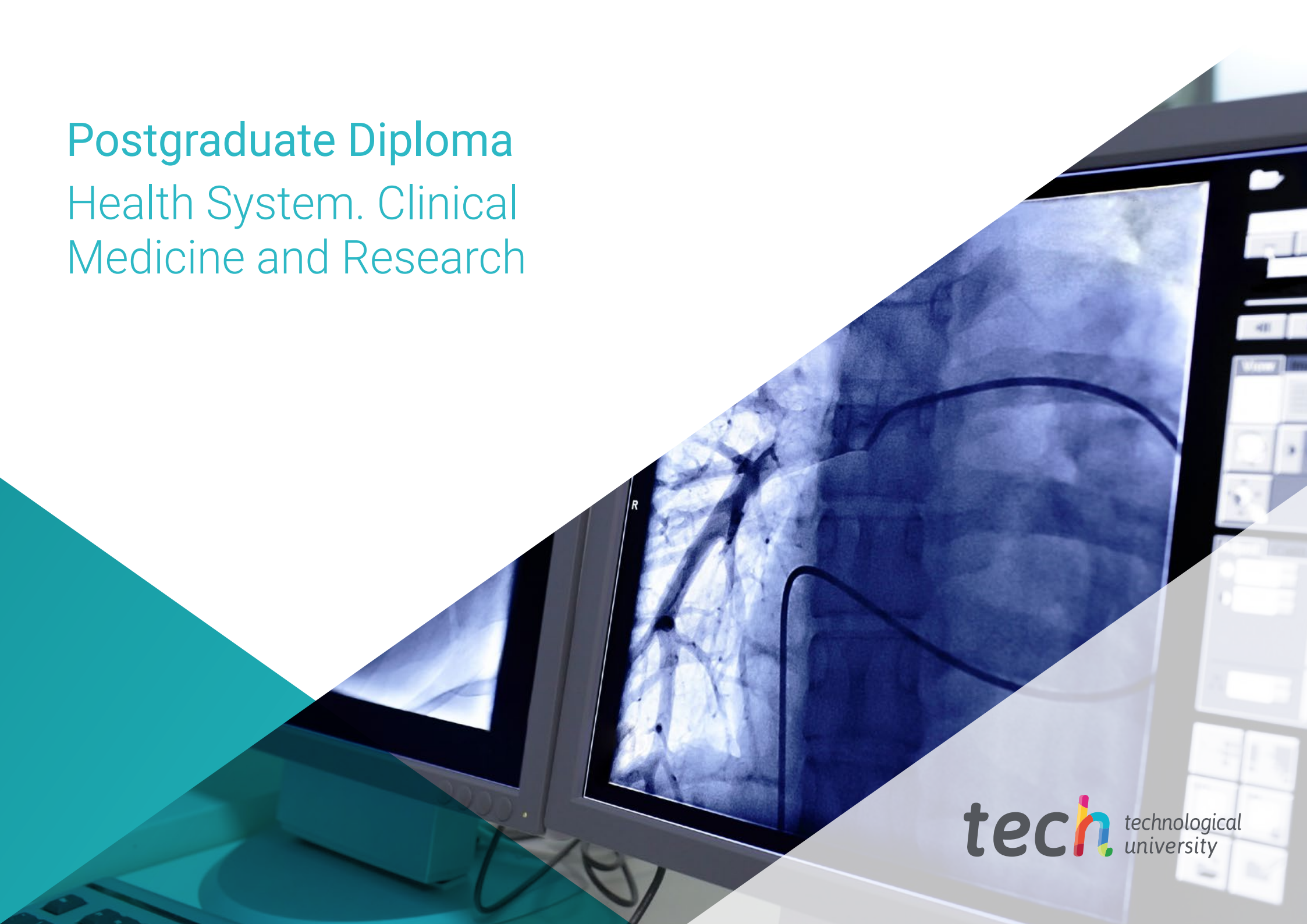
Postgraduate Diploma

Health System. Clinical Medicine and Research

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

Postgraduate Diploma

Health System. Clinical Medicine and Research



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