

Hybrid Master's Degree

Advanced Urgent Care and Emergency Medicine





Hybrid Master's Degree Advanced Urgent Care and Emergency Medicine

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

Accreditation: 60 + 4 ECTS

Website: www.techtute.com/us/medicine/hybrid-master-degree/hybrid-master-degree-advanced-urgent-care-emergency-medicine

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01

Introduction

The lack of professionals in Emergency Departments to care for patients carrying the COVID virus highlighted the need for health services to have experts capable of personalizing and responding in times of crisis.

In this regard, it is worth noting the diversity of services that the specialist in emergency medicine has to deal with in this area. TECH, aware of the demand in the healthcare market, offers a degree that teaches different aspects of the medical professional. In this way, the student will deepen their skills and update their knowledge using the latest tools. Not only will they have theoretical content, but they will also have the support of experts in the field, thanks to the 100% online mode of teaching. And, in addition, you will later have the opportunity to carry out an intensive 3-week internship in a clinical center of recognized international prestige.





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The expansion of your knowledge will give you a deeper understanding of advanced emergency services, complemented by a practical stay in a highly prestigious center”

The provision of professional healthcare services in the area of emergency and advanced emergencies requires experts who have developed their medical knowledge in a multidisciplinary manner. The uncertainty of the conditions that arise in emergency cases makes it necessary to have healthcare personnel with multiple technical specialties who are also fully updated to respond to current and future emerging diseases.

The lack of emergency physicians has been reflected during the health crisis, which has raised the alarm to avoid long queues in the Emergency Department and ensure proper patient care and diagnosis. The important role of these professionals today requires training of medical experts so that, in the future, they will be able to respond to new epidemiological diseases. TECH, aware of this demand, offers a program that provides theoretical and practical knowledge to emergency physicians to expand their knowledge.

The Hybrid Master's Degree in Advanced Urgent Care and Emergency Medicine is supported by the most competent physicians, who are in charge of emergency and primary care areas in different hospitals. Students enrolled in this program will not only be updated in the management of the service itself, but will also learn about urgent donation processes, the application of new technological tools in care, the use of vital supports, epidemiological knowledge, emergency ultrasound scans, the management of shock situations, as well as the care of patients with special needs.

The practical qualification of this program guarantees its professional quality, since the student will meet the experts of the sector and will be able to apply what he/she has learned on real patients in a demanding clinical environment, throughout 3 intensive weeks. In this way, the student will acquire the necessary knowledge, putting into practice innovative techniques and clinical tools with which they would not be able to familiarize themselves in a purely digital education. The aim is to provide the medical specialist with transversal competencies that will allow them to continue to offer a high quality practice.

This **Hybrid Master's Degree in Advanced Urgent Care and Emergency Medicine** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ Development of more than 100 clinical cases presented by medical professionals who are experts in emergency medicine and advanced emergencies and with extensive experience in the protocols of action
- ♦ 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
- ♦ Tools for first-instance patient assessment to identify the urgency of the case and streamline the care process
- ♦ The integration of new technologies in disaster and pandemic situations
- ♦ Knowledge encompassing the use of life support and mastery of the new AHA and ERC protocols
- ♦ Guidelines for the integration of the different Rare Disease Associations into the Emergency Department
- ♦ The different diagnostic tests that students will put into practice, such as the limitations and indicators of clinical ultrasound
- ♦ All of this will be complemented by theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an Internet connection.
- ♦ In addition, you will be able to do an internship in one of the best hospital centers

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Experience an intensive 3-week stay in a prestigious center that will offer you all the keys to become one of the most updated and qualified professionals in the area”

In this program proposal, of professionalizing character and blended learning modality, the program is aimed at updating medical professionals who develop their functions in emergency units and who require a quick and adequate response for each patient. The contents are based on the latest scientific evidence, and oriented in a didactic way to integrate theoretical knowledge into medical practice, and the theoretical-practical elements will facilitate the updating of knowledge and will allow for decision making in the management of the patient.

Thanks to their multimedia content developed with the latest educational technology, they will allow the medical professional to learn in a contextual and situated learning environment, i.e., a simulated environment that will provide immersive learning programmed to train 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 throughout the program. For this purpose, students will be assisted by an innovative interactive video system created by renowned experts in the field of educational coaching with extensive experience.

This Hybrid Master's Degree will complement your knowledge in medicine and with it you will learn the development of protocols for action in situations of risk of PCR and opinion in cases of COVID.

Expand your knowledge in emergency medicine and learn through case studies with this Hybrid Master's Degree, which will provide you with essential knowledge to apply in your daily practice.



02

Why Study this Hybrid Master's Degree?

A field as dynamic and active as Emergency Medicine requires a different teaching perspective from the traditional one. Therefore, it is necessary to provide the professional with practical learning that complements the most advanced theory. And that is precisely what TECH offers: an exclusive program in which the doctor will be able to update 100% online and later apply all the advances acquired in a real environment, accessing patients in an Emergency Department, always accompanied by experienced specialists from the clinical center itself. In this way, the student will get a panoramic and at the same time detailed vision of this discipline.





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This exclusive TECH program combines the latest advances in emergency protocols with a practical stay in a reference clinical center. You will not find a better option than this to get up to date”

1. Updating from the latest technology available

The emergence of technologies such as Artificial Intelligence has completely transformed many medical areas such as the Emergency Department. Therefore, in order to have access to the most cutting-edge equipment and the most innovative techniques, it is necessary to access this program, which will provide the professional with a practical stay in a state-of-the-art clinical center, which will make available to them the latest technology available in this discipline.

2. Gaining in-depth knowledge from the experience of top specialists

One of the keys to this program offered by TECH is the possibility of working in a high-level professional environment accompanied by specialists of great prestige. Therefore, the student will receive constant guidance from the doctors of the clinical center itself, making them participants in the diagnostic processes and different interventions carried out in the Emergency Department.

3. Entering first-class clinical environments

TECH gives the professional the opportunity to get into first class clinical environments, since all the centers available for the Internship Program have an enormous prestige. Therefore, the student will be able to perform at the highest level in an Emergency Department, verifying the day-to-day development of a demanding area of work, and always applying the latest scientific postulates of their health field.





4. Combining the best theory with state-of-the-art practice

This program offers the option of combining the most advanced theory, through an online learning methodology, with a high-level internship in a leading clinical center. Therefore, this program offers a comprehensive education to the professional, who will be able to apply all the advances acquired throughout the online phase of this academic opportunity in an outstanding hospital, during 3 intensive weeks.

5. Expanding the boundaries of knowledge

Professionals have a great opportunity with this Hybrid Master's Degree, since their access to prestigious international centers will allow them to expand their horizons by being able to update their knowledge with highly reputed specialists. In this way, not only is effective learning guaranteed, but also the possibility of continuing to develop their own career by coming into contact with the world's leading experts in this clinical discipline.

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*You will have full practical immersion
at the center of your choice"*

03 Objectives

This program offers advanced training for emergency physicians interested in expanding their knowledge in emergency care. A didactic teaching that will broaden the field of vision by applying novel tools in the field of medicine, which will enable you, for example, to respond to pandemic emergencies and unknown diseases. Its study will teach specialists about special needs, clinical toxicology, ultrasound in emergencies, new technologies and risk situations, among other issues. Therefore, TECH establishes a series of general and specific objectives for the satisfaction of the future expert, being the following:





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This degree will place you at the forefront of emergency services, using the latest artificial intelligence tools”



General Objective

- The Hybrid Master's Degree in Advanced Urgent Care and Emergency Medicine aims to educate professionals in emergency medicine towards methods that enable highly effective and efficient care in the emergency areas of hospitals and primary care centers. To achieve this, TECH applies a complete and updated syllabus, developed by the best professionals in this field, which also guarantees adequate teaching. In this way, the expert will be fully prepared to offer solutions to patients in the emergency department, giving an answer according to the latest scientific research



This program will expand your emergency response capacity and will perfect you as an advanced emergency professional using the latest technologies in this field of medicine"





Specific Objectives

Module 1. Current Challenges in Modern Emergency Department Management

- ♦ Understand the general aspects of emergency department management and its evolution as a response to health care needs
- ♦ Develop specific aspects of emergency department organization in pandemic situations
- ♦ Acquire tools for the development of fundamental aspects of an emergency department: assistance, research and teaching
- ♦ Define general aspects of the inter-service relationship in emergency patient care and the integration of the emergency department with the rest of the hospital
- ♦ Define and recognize the importance of quality of care in the emergency department, its objectives and indicators
- ♦ Define and recognize the importance of patient safety as a guide for all healthcare actions and develop guiding protocols Acquire knowledge for the development of multidisciplinary groups in patient safety in the emergency department
- ♦ Understand the humanization of health processes in the emergency department
- ♦ Gain deeper knowledge of the protocols used and the care provided in gender violence cases
- ♦ Study the general knowledge and practical tools in biosafety

Module 2. Donation Process in Emergency Services

- ♦ Acquire general notions in end-of-life care
- ♦ Broaden knowledge of therapeutic limitations in life support
- ♦ In-depth knowledge of advance directives
- ♦ Acquire knowledge of donations in emergencies and pre-interview

Module 3. New Technologies in Emergency Services

- ♦ Acquire general knowledge of new technologies and artificial intelligence
- ♦ Know the potential scenarios to use new technologies in the emergency department: catastrophes and pandemic situations
- ♦ Gain deeper knowledge of the tools for adequate diagnostic tests in the emergency department
- ♦ Utility of new technologies in the emergency department
- ♦ Utility of new technologies for patient information in the emergency department

Module 4. Advanced Vital Support

- ♦ Acquire the ability to develop action protocols for CPR in risk situations
- ♦ Know the requirements of advanced life support protocols
- ♦ Review the strengths of the European and American advanced life support guidelines
- ♦ Delve deeper into the dissemination mechanisms in advanced life support guidelines and protocols among healthcare personnel
- ♦ Acquire the tools to evaluate the implementation of protocols
- ♦ Apply advanced life support in adult and pediatric patients in special situations

Module 5. Rare Diseases in Emergencies

- ♦ Acquire general and epidemiological knowledge of rare diseases
- ♦ Review the reasons for patient consultation in the emergency department in cases of known rare diseases
- ♦ Delve into the knowledge that enables a high index of suspicion of rare diseases and their most frequent causes in consultation
- ♦ Delve deeper into the general knowledge, diagnosis and emergency treatment of hereditary angioedema
- ♦ Delve into the general knowledge, diagnosis and emergency treatment of congenital coagulopathies
- ♦ Master the general knowledge, diagnosis and emergency treatment of porphyria
- ♦ Acquire general knowledge, diagnosis and emergency treatment of other rare diseases

Module 6. Emergency Ultrasound

- ♦ Review general aspects of clinical ultrasound in the emergency department
- ♦ Gain a deeper understanding of the tools for clinical ultrasound in acute abdominal pain in the emergency department
- ♦ Master the tools for clinical ultrasound used on patients with acute renal failure and urological manifestations in the emergency department
- ♦ Expand the tools for clinical ultrasound in chest pain and other cardiovascular symptoms in the emergency department
- ♦ Learn the uses of clinical ultrasound in patients with acute dyspnea of uncertain origin in the emergency department
- ♦ Expand the tools for clinical ultrasound in patients with pain and increased volume of the lower limb in the emergency department
- ♦ Expand the tools for clinical ultrasound in patients with fever of unknown origin in the emergency department

- ♦ Establish the tools for clinical ultrasound in patients with hypotension and shock in the emergency department
- ♦ Know the tools for clinical ultrasound in acute cardiorespiratory arrest in the emergency department
- ♦ Recognize the tools for clinical ultrasound in polytraumatized patients in the emergency department
- ♦ Increase the tools for clinical ultrasound in ultrasound-guided procedures: central and peripheral venous access, arterial puncture, pericardiocentesis, paracentesis, thoracentesis, lumbar puncture in the emergency department

Module 7. Clinical Simulation in Emergency Departments

- ♦ Obtain basic knowledge about simulation as a tool for learning and safety in the emergency department
- ♦ Know the tools to develop simulation scenarios in relation to emergency pathologies
- ♦ Review and acquire leadership tools in the emergency department
- ♦ Delve into the tools necessary for teamwork development
- ♦ Obtain the skills to correctly perform briefings and Briefings

Module 8. Clinical Toxicology in Emergency Departments

- ♦ Obtain general knowledge of poisoning
- ♦ Know the new aspects of new abused substances and their language
- ♦ Know the aspects of chemical submission and study protocols
- ♦ Acquire knowledge of the toxicity of the most common alternative medicines and pseudotherapeutic practices
- ♦ Gain knowledge of newly developed antidotes
- ♦ Internalize the knowledge of organ donation in brain death due to intoxication

Module 9. Special Needs Patients

- ♦ Review general aspects of special needs patients
- ♦ Use appropriate tools for the care of special patients
- ♦ Know the specific protocols in the urgent care of patients with special needs
- ♦ Obtain the necessary knowledge on the importance of accompanying special needs patients
- ♦ Recognize and manage complications in the care of these patients

Module 10. High-Risk Infectious Diseases

- ♦ Review the PPE (Personal Protective Equipment) necessary in the care of these pathologies
- ♦ Develop diversified circuits in the Emergency Department
- ♦ Acquire training tools for healthcare personnel through the development of emergency simulations
- ♦ Gain theoretical knowledge and tools to implement protocols for high-risk respiratory pathology
- ♦ Internalize the theoretical knowledge and tools to implement protocols for hemorrhagic fevers management
- ♦ Review current threats and infectious diseases with high pandemic potential
- ♦ Review recommendations for future threats: how we prepare for them

04 Skills

After obtaining this degree, the specialist will be able to face any situation in the emergency services of a health center. Thanks to the Hybrid Master's Degree in Advanced Urgent Care and Emergency Medicine, the medical professional will have a complete training and the necessary skills to provide solutions to urgent conditions, applying the best and most innovative techniques for diagnosis.

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Through this program you will be able to update your knowledge towards a correct practice of emergency medicine and the importance of humane treatment of patients”



General Skills

- ♦ Develop within the profession in terms of working with other health professionals, acquiring skills to work as a team
- ♦ Recognize the need to maintain your professional skills and keep them up to date, with special emphasis on autonomous and continuous learning of new information
- ♦ Develop the capacity for critical analysis and research in your professional field
- ♦ Successfully implement new methodologies that bring effectiveness to the physician's work
- ♦ Act efficiently in critical situations in daily professional practice
- ♦ Diagnose patients optimally in the emergency department





Specific Skills

- Optimally manage an emergency department adapted to current organizational needs
- Acquire good practices in daily emergency department situations
- Optimal handling of gender violence cases and other biosafety aspects
- Humanize the treatment of all emergency situations
- Know how to correctly manage the end-of-life processes
- Organize the organ donation procedure
- Correctly handle new technologies that facilitate the day-to-day work of emergency professionals
- Understand new technologies contributions in emergency physician work
- Know how to work correctly with advanced life support and to know its international uses
- Reflect on the importance of education to emergency health care providers
- Develop tools that allow for ongoing assessment of resuscitation teams in different scenarios
- Learn how to work with patients who come to the emergency department with a rare disease and, therefore, need special treatment
- Learn about and approach how clinical ultrasound works in emergency settings
- Learn how to develop simulation scenarios as a means to reinforce teamwork and emergency physician leadership
- Learn to work with drug addicted patients in the emergency department
- Understand new aspects of chemical submission, chemsex and new antidotes
- Know how to use the tools that enable optimal communication with patients with specific needs
- Know the action protocols in case of suspicion of high-risk infectious diseases
- Know how to work correctly with PPE materials in case of high risk infectious diseases
- Apply the required safety protocols to treat people with COVID-19 infection
- Identify, treat and provide necessary recovery guidelines for Coronavirus infections



You will combine theory and professional practice through a demanding and rewarding educational approach"

05 Course Management

In order to provide specific knowledge in the area of emergency medicine that meets all the guarantees, TECH has relied on a large team of experts. The teachers of this Hybrid Master's Degree hold management and medical positions in the Emergency Department of prestigious hospitals. Thanks to their experience, students will have an evaluation of medical figures who already work in the sector and who, in addition, guarantee specific teaching in the field of advanced emergencies.





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The teaching team will be at your disposal 24 hours a day to follow up your learning and answer your questions about emergency medical care and patient monitoring”

International Guest Director

Dr. Ugo Ezenkwele is an eminent expert in the field of emergency medicine and managerial leadership in healthcare. His extensive experience in healthcare is coupled with his clinical and academic management skills. In this regard, his deep medical knowledge has led him to become Head of Emergency Medicine at Mount Sinai Queens. With his arrival in the position, innovative programs such as the ED Observation Unit, ED Geriatric Certification, Telemedicine, Emergency Management and Disaster Preparedness were launched to improve performance and patient experience.

In 2021, Dr. Ezenkwele received recognition for his outstanding work with the Crains New York award for Notable Black Leader and Executive. He has also earned numerous prestigious recognitions such as the Vituity Award in Executive Leadership, the National Medical Association's Service Excellence Award and the Visionary Educator Award from the Academic Society of Emergency Medicine.

His excellent management skills have led him to assume leadership roles in major medical organizations, serving as president of the National Medical Association's Section of Emergency Medicine and vice president of the Society for Academic Emergency Medicine's Academy of Diversity and Inclusion in Emergency Medicine. In both positions, he worked to implement policy changes with the goal of positively impacting the next generation of physician leaders and the communities they serve. In addition, he is an advisor to the American College of Emergency Physicians (ACEP) and an oral examiner for the American Board of Emergency Medicine (ABEM), responsibilities that demonstrate his commitment to continuous improvement in medical practice and his dedication to training skilled physicians.



Dr. Ezenkwele, Ugo

- Head of the Department of Emergency Medicine at Mount Sinai Queens, Astoria, New York, USA
- Attending Physician at Woodhull Medical and Mental Health Center an NYU Langone Affiliate Hospital
- Vice Chair of Emergency Medicine at Woodhull Medical and Mental Health Center an NYU Langone Affiliate Hospital
- Physician Liaison for Clinical Faculty Recruitment - NYULMC Clinical Affairs Department
- M.D. from Johns Hopkins University
- MPH International Health Johns Hopkins University
- BS in Biology Johns Hopkins University
- Vituity Wes Curry Award for Executive Leadership
- Crains New York Business Notable Black Leader & Health Executive
- Excellence in Leadership - Woodhull Medical and Mental Health Center
- National Medical Association's Emergency Medicine Section Leadership Award
- National Medical Association Excellence in Service Award (2013 and 2014)
- President of the American College of Emergency Physicians (ACEP) Diversity, Equity and Inclusion Committee
- ABEM Oral Board Examiner
- Member of: American College of Emergency Physicians (ACEP) Strategic Planning Advocacy Action Team, American Board of Emergency Medicine (ABEM) Stakeholder Advisory Group (SAG) for Becoming Certified Initiative, FEMA Region II Advisory Task Force for Vaccine Outreach, ACEP Medical Legal Committee, American College of Emergency Physicians

Management



Dr. Torres Santos-Olmo, Rosario María

- Coordinator at the Adult Emergency Department at La Paz University Hospital
- Emergency Doctor at La Paz University Hospital
- Specialist in Family and Community Medicine at La Paz University Hospital
- Doctorate in Medicine from the Autonomous University Madrid
- Degree in Medicine from the University of Granada
- Master's Degree in Patient Safety
- Master's Degree in Bioethics
- Master's Degree in Palliative Medicine
- Life Support Instructor (BLS, ALS, ILS, ATLS)
- Clinical Simulation Instructor
- Member of the Healthcare Ethics Committee at La Paz University Hospital

**Dr. Rivera Núñez, María Angélica**

- ♦ Assistant Coordinator of the Emergency Department at La Paz University Hospital
- ♦ Director of Patient Safety in the Emergency Department at La Paz University Hospital
- ♦ Instructor of Advanced Life Support National Cardiopulmonary Resuscitation Plan of the Spanish Society of Intensive Care Medicine, Critical Care and Coronary Units
- ♦ Degree in Medicine and Surgery from the Autonomous University of Madrid
- ♦ Degree in Medicine and Surgery
- ♦ Surgeon Specialist in Internal Medicine
- ♦ Diploma in Clinical Teaching - Teacher Training Unit Pontificia Catholic University in Chile
- ♦ Certificate in Emergency Medicine (CME)
- ♦ Training in Thrombotic Pathology Faculty of Medicine, University of Navarra

Professors**Dr. Marín Baselga, Raquel**

- ♦ Specialist in Internal Medicine, La Paz University Hospital
- ♦ Physician accredited in Echocardiography by the Spanish Society of Cardiology
- ♦ Expert in Infectious Diseases and Non Invasive Mechanical Ventilation
- ♦ Degree in Medicine from the University of Zaragoza

Dr. Maroun Eid, Charbel

- ♦ Doctorate in Biomedical Sciences from the Complutense University of Madrid.
- ♦ Executive MBA in the pharmaceutical industry and biotechnology
- ♦ Assistant Emergency Physician at Infanta Sofia University Hospital

Dr. Alonso González, Blanca

- ♦ Specialist in the Emergency Department La Paz University Hospital
- ♦ Specialized in Trauma Emergencies
- ♦ Degree in Medicine

Dr. Marín Baselga, Raquel

- ♦ Specialist in Internal Medicine, La Paz University Hospital
- ♦ Physician accredited in Echocardiography by the Spanish Society of Cardiology
- ♦ Expert in Infectious Diseases and Non Invasive Mechanical Ventilation
- ♦ Degree in Medicine from the University of Zaragoza

Dr. Martín Quirós, Alejandro

- ♦ Head of the Urgent and Emergent Pathology Research Group of the Research Institute of the University Hospital La Paz.
- ♦ Secretary of the Teaching Commission of the Research Institute of La Paz University Hospital
- ♦ Associate of the Emergency Department of the Hospital Universitario de la Paz
- ♦ Assistant of Internal Medicine/Infectious Diseases of the High-Level Isolation Unit of the University Hospital La Paz - At Hospital Carlos III.
- ♦ Internist at Olympia Quirón Hospital

Dr. Soriano Arroyo, Rubén

- ♦ Attending physician in the emergency department of Hospital Universitario La Paz
- ♦ Master's Degree in Pediatric Emergencies from the University of San Jorge
- ♦ Master's Degree in Out-of-hospital Emergencies from the University of San Jorge
- ♦ Master's Degree in Medical-Surgical Emergencies from the University of San Jorge
- ♦ Specialist in Family and Community Medicine
- ♦ Expert in Vital Emergencies from the University Isabel I
- ♦ Expert in Endocrinology and Metabolism from the Catholic University of Murcia
- ♦ Expert in Management of Health Centers and Services, Isabel I University
- ♦ Expert in Diabetes, Catholic University of Murcia
- ♦ Degree in Medicine and Surgery from the University of Granada

Dr. Tejada Sorados, Renzo Marco

- ♦ Emergency Department Physician at La Paz University Hospital
- ♦ Primary Care Family Physician
- ♦ Degree in Medicine

Dr. Arroyo Rico, Isabel

- ♦ Emergency and Urgent Care Physician Summa 112
- ♦ Specialized Physician in Hospital Emergencies
- ♦ Degree in Medicine

Dr. Cancelliere, Nataly

- ♦ Physician specializing in Allergology
- ♦ Attending physician in the emergency department of Hospital Universitario La Paz
- ♦ Doctor in Medicine from the Autonomous University of Madrid
- ♦ Master's Degree in Emergency Medicine by the Spanish Society of Emergency Medicine (SEMES)
- ♦ Specialist in Allergology by the Hospital Universitario La Paz

Dr. Alonso González, Berta

- ♦ Attending Physician, Emergency Department, Hospital la Paz
- ♦ Expert in International Trauma Life Support by SUMMA 112 and the La Paz University Hospital
- ♦ Expert in Integral Care of the person with Diabetes
- ♦ Degree in Medicine from the Autonomous University Madrid

Dr. Arenas Berenguer, Isabel

- ♦ Specialist in Emergency Medicine at La Paz University Hospital
- ♦ Family and Community Medicine Physician at the Hospital Universitario La Paz
- ♦ Master's Degree in Aesthetic Medicine, Nutrition and Anti-Aging by AMIR Aesthetic Medicine
- ♦ Master's Degree in Emergencies, Emergencies and Continuous Care by the Francisco de Vitoria University
- ♦ Master's Degree in Integration and Clinical Problem Solving in Medicine by the University of Alcalá
- ♦ Degree in Medicine from the Autonomous University Madrid

Dr. Pílares Barco, Juan Martín

- ♦ Attending Physician of the Emergency Department at the Hospital Universitario La Paz
- ♦ Master's Degree in Infectious Diseases and Antimicrobial Treatment, Cardenal Herrera University
- ♦ Master's Degree in Cardiovascular Critical Care in the Emergency Department, Cardenal Herrera University
- ♦ Expert in Community and Nosocomial Infections, Cardenal Herrera University
- ♦ Expert in Heart Failure, Cardiogenic Shock and Acute Coronary Syndrome, Cardenal Herrera University
- ♦ Expert in Arrhythmias and Cardiac Pacing Devices, Cardenal Herrera University
- ♦ Expert in Microbiological Diagnosis, Antimicrobial Treatment and Research in Infectious Pathology, Cardenal Herrera University
- ♦ Expert in Diagnosis and Treatment of the Critical Cardiovascular Patient, Cardenal Herrera University
- ♦ Degree in Medicine from the Universidad Peruana Cayetano Heredia

Dr. Cadenas Chamorro, Rosalía

- ♦ Specialist physician at the Infanta Sofia Hospital
- ♦ Master's Degree in Cardiovascular Prevention and Cardiac Rehabilitation, Universidad Menéndez Pelayo
- ♦ Master's Degree in Acute Cardiac Care from the Universidad Internacional Menéndez Pelayo
- ♦ Expert in Atrial Fibrillation from the University of Santiago de Compostela
- ♦ Degree in Medicine and General Surgery from the University of Valladolid

Dr. Montes Castillo, Cristina

- ♦ Attending Physician in the Department of Endocrinology and Nutrition at La Paz University Hospital
- ♦ Specialist in Endocrinology and Nutrition.
- ♦ Expert in Obesity and Metabolism Complications from the Catholic University of Murcia
- ♦ Expert in Type 2 Diabetes from the University of Alcalá de Henares
- ♦ Degree in Medicine and Surgery from the University of Granada

Dr. Deza Palacios, Ricardo

- ♦ Area Specialist in the Emergency Department of the La Paz University Hospital
- ♦ Master's Degree in Ultrasound in points of attention from the Autonomous University of Madrid
- ♦ Master's Degree in Cardiovascular Critical Care in the Service of the Emergency Department, San Pablo University
- ♦ Master's Degree in Infectious Diseases in the Emergency Department, San Pablo University
- ♦ Specialist in Family and Community Medicine at the Ramón y Cajal Hospital of Madrid
- ♦ Expert in Respiratory and Cardiovascular Infections in the Emergency Department, San Pablo University
- ♦ Expert in Diagnosis and Treatment of the Critical Cardiovascular Patient, San Pablo University
- ♦ Degree in Medicine and Surgery from the Autonomous University of Madrid

Dr. Mayayo Alvira, Rosa

- ♦ Physician and Researcher specialized in Internal Medicine
- ♦ Head of the Toxicology Unit of the Emergency Department at La Paz University Hospital
- ♦ Attending Physician in the Emergency Department at La Paz University Hospital
- ♦ Degree in Medicine from Rovira i Virgili University

06

Educational Plan

The syllabus of this Hybrid Master's Degree in Advanced Urgent Care and Emergency Medicine is based on fundamentals that stem from the experience and instruction of the professors who teach it. Through the practices, which increase the value of this teaching, the physician will be able to experience on real cases the theoretical knowledge that will be offered first. From the first module, the specialist will learn about the management of donations in the emergency area and from this point, they will obtain a deeper knowledge in this specialty. In addition, the support of the teachers at the time of studying the subject, will provide the guarantee that the expert will be able to obtain the degree successfully.



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Take advantage of this total update offered by TECH, complemented with a practical period in a prestigious center where you will develop the latest emergency protocols”

Module 1. Current Challenges in Modern Emergency Department Management

- 1.1. Advanced Basic Concepts in Accident and Emergency Care
- 1.2. Basic Concepts in Accident and Emergency Care
- 1.3. Management Challenges in Times of Pandemics
- 1.4. Quality Challenges in the Emergency Department
 - 1.4.1. Quality of Care in the Emergency Department. Indicators
- 1.5. Patient Safety Challenges in the Emergency Department
 - 1.5.1. Clinical Safety in the Emergency Department Indicators
- 1.6. Biosafety in Urgent Care and Emergency Medicine
- 1.7. Integration of the Emergency Department with the Rest of the Hospital
- 1.8. Urgent Care Services and the Problem of Gender Violence
- 1.9. Clinical Research in Emergency Department: Is It Possible?
- 1.10. Teaching in the Emergency Department: Beyond Assistance
- 1.11. Humanization of Emergency Department Management

Module 2. Donation Process in Emergency Services. Concept of End-of-Life Care in Emergency Departments

- 2.1. Concept of End-of-Life Care in Emergency Services
- 2.2. Concept of Donation in Emergency Departments
- 2.3. Anticipated Wishes
- 2.4. Order Not to Initiate CPR Maneuvers
- 2.5. Pre-interview in the Emergency Department
- 2.6. Emergency Coordination - Transplant Team
- 2.7. Bioethics in Emergency Departments
- 2.8. The Role of the Family in the Donation Process in Emergency Departments
- 2.9. Ethical Aspects in the Donation Process in the Emergency Department





Module 3. New Technologies in Emergency Services

- 3.1. New Technologies. What Are We Talking About?
- 3.2. Computer Applications at the Service of the Emergency Physician
- 3.3. New Triage Systems in Emergencies
- 3.4. Artificial Intelligence at the Service of the Emergency Physician
- 3.5. New Technologies in Disaster Situations
- 3.6. New Technologies in Pandemic Situations
- 3.7. New Systems for Diagnostic Test Adequacy in Emergency Departments
- 3.8. Integrating Technology in Patient and Family Information
- 3.9. Bringing Patients Closer to the Emergency Department through Technology

Module 4. Advanced Vital Support

- 4.1. Advanced Life Support in Adults
- 4.2. Advanced Airway Management
- 4.3. Rapid Intubation Sequence
- 4.4. Protocols for Advanced Life Support in Adults
- 4.5. Advanced Life Support in Pediatric Patients
- 4.6. Special Situations in Advanced Life Support in Adults
- 4.7. Special Situations in Advanced Life Support in Pediatric Patients

Module 5. Rare Diseases in Emergencies Epidemiology and Magnitude of the Rare Disease Problem

- 5.1. Epidemiology and Rare Disease Problem Magnitude
- 5.2. Rare Diseases and Consultations in the Emergency Department
- 5.3. Hereditary Angioedema
- 5.4. Congenital Coagulopathies
- 5.5. Porphyrrias
- 5.6. Other Rare Diseases
- 5.7. Implementing Emergency Protocols. Current Situation
- 5.8. Useful Computer Applications for Emergency Physicians
- 5.9. Integration of Rare Disease Associations into the Emergency Department

Module 6. Emergency Ultrasound

- 6.1. Introduction. Clinical Ultrasound Indications and Limitations in the Emergency Department
- 6.2. Clinical Ultrasound Utility in Different Acute Abdominal Pain Manifestations
- 6.3. Clinical Ultrasound in Acute Renal Failure and Urological Manifestations
- 6.4. Clinical Ultrasound in Chest Pain and Other Cardiovascular Symptoms (Syncope, Murmur, Electrocardiographic Alterations)
- 6.5. Clinical Ultrasound in Patients with Dyspnea of Uncertain Origin
- 6.6. Clinical Ultrasound in Patient with Edema or Pain in the Lower Limb
- 6.7. Clinical Ultrasound in Patients with Fever without Apparent Focus
- 6.8. Clinical Ultrasound in Hypotension and Undifferentiated Shock
- 6.9. Ultrasound in Cardiac Arrest and in the Advanced Airway Management
- 6.10. Ultrasound in Patients with Polytrauma
- 6.11. Echo-guided Procedures: Central and Peripheral Venous Access, Arterial Puncture, Pericardiocentesis, Paracentesis, Thoracocentesis, Lumbar Puncture

Module 7. Clinical Simulation in Emergency Departments

- 7.1. Basic Principles in Clinical Simulation
- 7.2. Types of Clinical Simulation
- 7.3. The Importance of Communication in Clinical Simulation
- 7.4. Types of Simulators
- 7.5. Briefing y debriefing
- 7.6. Leadership, Teamwork and Role Distribution
- 7.7. Types of Evaluations in Clinical Simulation
- 7.8. Scenario Preparation

Module 8. Clinical Toxicology in Emergency Departments

- 8.1. General Information about Intoxicated Patients
- 8.2. Language and Drugs
- 8.3. New Abused Substances
- 8.4. Chemical Submission
- 8.5. Chemsex (Chemical Sex)
- 8.6. Alternative Medicine and Pseudotherapeutic Toxicity
- 8.7. Toxicity to Other Living Beings I
- 8.8. Toxicity to Other Living Beings II
- 8.9. New Antidotes
- 8.10. Organ Donation: Brain Death of Toxic Origin



Module 9. Special Needs Patients

- 9.1. General Management
- 9.2. Specific Management According to Special Needs
- 9.3. Specific Protocols and Tool Use
- 9.4. The Importance of Accompanying Special Needs Patients
- 9.5. Diagnosis of ASD Patients
- 9.6. Severity of ASD
- 9.7. Complications in Management
- 9.8. Integrating Special Needs Patient Associations into the Emergency Department
- 9.9. The Role Family Plays in Special Needs Patients in the Emergency Department

Module 10. HRID: High-Risk Infectious Diseases)

- 10.1. Introduction
- 10.1. PPE (Personal Protective Equipment)
- 10.2. Emergency Services Diversification Emergency Circuits
- 10.3. Health Personnel Education
- 10.4. Emergency Room Drills
- 10.5. Patient Transfer and Transport to High Isolation Units
- 10.6. Onehealth
- 10.7. Respiratory Pathology Action Protocols
- 10.8. Hemorrhagic Fever Action Protocols
- 10.9. Future Threats: How to Prepare

07

Clinical Internship

Once the online theoretical learning period is completed, the program has 120 hours of training in a reference clinical center. The specialist will have the support of a tutor who will guide them throughout the practical process, both in their preparation and in the development of real cases.



“

Do your internship in the Emergency Department of a prestigious hospital that applies advanced technology and a wide range of services”

The Internship Program period of this program consists of a 3-week clinical internship, from Monday to Friday, with 8 consecutive 8-hour days of practical training with the guidance an attending specialist. This stay will allow to attend real patients supported by a team of experts in the sector who will monitor the student's learning and will guide him/her towards a good praxis.

This practical training proposal arises from the need to have specialists who, once they are in the Emergency Department, can already offer all their knowledge to identify the best diagnoses for their patients and who can, in turn, guide their colleagues. This is what the practical modality of this degree will achieve, which offers the student a high professional performance.

In addition, the methodology applied will make the stay in the health center a unique experience, with multidisciplinary training that will be enriching for their professional future. The teachers at the center will take the students through different departments dealing with rare diseases, viral diseases, pandemics, toxicology and the use of life support. In addition, TECH has consciously chosen the center so that the students have an organization that offers the latest clinical technologies and, in addition, teaches them how to put them into practice.

The practical teaching will be carried out with the accompaniment and guidance of the professors and other fellow trainees who will facilitate teamwork and multidisciplinary integration as transversal competencies for medical practice (learning to be and learning to relate).





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

Module	Practical Activity
Emergency Department Management Methods	Draw up management and quality of care plans in the Emergency Department
	Establish triage protocols using the new computer and technological systems in the health area
	Carry out clinical simulations in the Emergency Department to improve communication and efficiency of the service
	Manage donation processes and end-of-life care in the Emergency Department, always taking into account the legal aspects and the principles of Bioethics in this service
Diagnostic Techniques and Advanced Life Support in the Emergency Department	Apply the AHA and ERC protocols in advanced life support in the ED
	Perform rapid intubation sequence according to the latest clinical postulates
	Perform resuscitation tasks, applying advanced life support to patients of different age ranges and with different conditions and pathologies
	Apply Artificial Intelligence to diagnostic imaging methods, especially in Radiography
	Perform diagnostic tests and patient follow-up using Clinical Ultrasound
	Perform ultrasound-guided procedures in central and peripheral venous access, arterial and lumbar puncture, as well as pericardiocentesis, paracentesis and thoracentesi
Infectious and Rare Diseases and Toxicology in the Emergency Department	Develop and apply emergency protocols for rare and infectious diseases
	Detect and act in the presence of rare diseases in the ED, especially in cases of Hereditary Angiodema, Porphyria or congenital coagulopathies
	Apply the most accurate diagnostic approaches to cases of drugs of abuse, chemsex and alternative medicine
	Use of PPE in risk environments, following the protocols of action in infectious pathologies
	Transfer and transfer quickly and safely, according to the latest existing protocols, the patient who requires it to the High Isolation Unit
	Act according to the most updated postulates on Coronavirus in the infected patient

Civil Liability Insurance

This institution's main concern is to guarantee the safety of the trainees and other collaborating agents involved in the internship process at the company. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

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

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



General Conditions of the Internship Program

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

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

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

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

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

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

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

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

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

08

Where Can I Do the Clinical Internship?

This Hybrid Master's Degree program has scheduled an internship in a leading health center that will prepare the student with real cases for their complete training. In this way, TECH brings the degree closer to the students, but, above all, prepares them to face various emergencies in the labor market. In addition, the student will become familiar with the knowledge and can directly become an expert in the area.



“

In order to be updated on the latest protocols in emergency medicine, there is no more direct way than to deal with cases in practice. Thanks to the second term of this Hybrid Master's Degree, you will be able to achieve this”

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



Medicine

Hospital Recoletas Campo Grande

Country	City
Spain	Valladolid

Address: Pl. de Colón, s/n, 47007 Valladolid

Clinical center specialized in multidisciplinary healthcare

Related internship programs:

- Intensive Care Nursing
- Gynecologic Oncology



Medicine

Hospital HM Modelo

Country	City
Spain	La Coruña

Address: Rúa Virrey Osorio, 30, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Spine Surgery



Medicine

Hospital Maternidad HM Belén

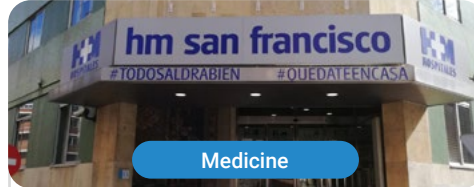
Country	City
Spain	La Coruña

Address: R. Filantropía, 3, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Update in Assisted Reproduction
- MBA in Hospitals and Health Services Management



Medicine

Hospital HM San Francisco

Country	City
Spain	León

Address: C. Marqueses de San Isidro, 11, 24004, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Nursing in the Traumatology Department



Medicine

Hospital HM Regla

Country	City
Spain	León

Address: Calle Cardenal Landázuri, 2, 24003, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Psychiatric Treatments Update in Minor Patients



Medicine

Hospital HM Nou Delfos

Country	City
Spain	Barcelona

Address: Avinguda de Vallcarca, 151, 08023, Barcelona

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Aesthetic Medicine
- Clinical Nutrition in Medicine



Medicine

Hospital HM Madrid

Country	City
Spain	Madrid

Address: Pl. del Conde del Valle de Súchil, 16, 28015, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Clinical Analysis
- Anaesthesiology and Resuscitation



Medicine

Hospital HM Montepíncipe

Country	City
Spain	Madrid

Address: Av. de Montepíncipe, 25, 28660, Boadilla del Monte, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Child Orthopedics
- Aesthetic Medicine



Medicine

Hospital HM Torrelodones

Country	City
Spain	Madrid

Address: Av. Castillo Olivares, s/n, 28250, Torrelodones, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Hospital Pediatrics



Medicine

Hospital HM Sanchinarro

Country	City
Spain	Madrid

Address: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Sleep Medicine



Medicine

Hospital HM Puerta del Sur

Country	City
Spain	Madrid

Address: Av. Carlos V, 70, 28938, Móstoles, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Pediatric Emergencies
- Clinical Ophthalmology



Medicine

Hospital HM Vallés

Country	City
Spain	Madrid

Address: Calle Santiago, 14, 28801, Alcalá de Henares, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Gynecologic Oncology
- Clinical Ophthalmology

09

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 is the most widely used learning system in the best faculties in the world. 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 we face in the case method, an action-oriented learning method. Throughout the program, the studies 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 8 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.

With this methodology, we have 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, markets, and financial 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.



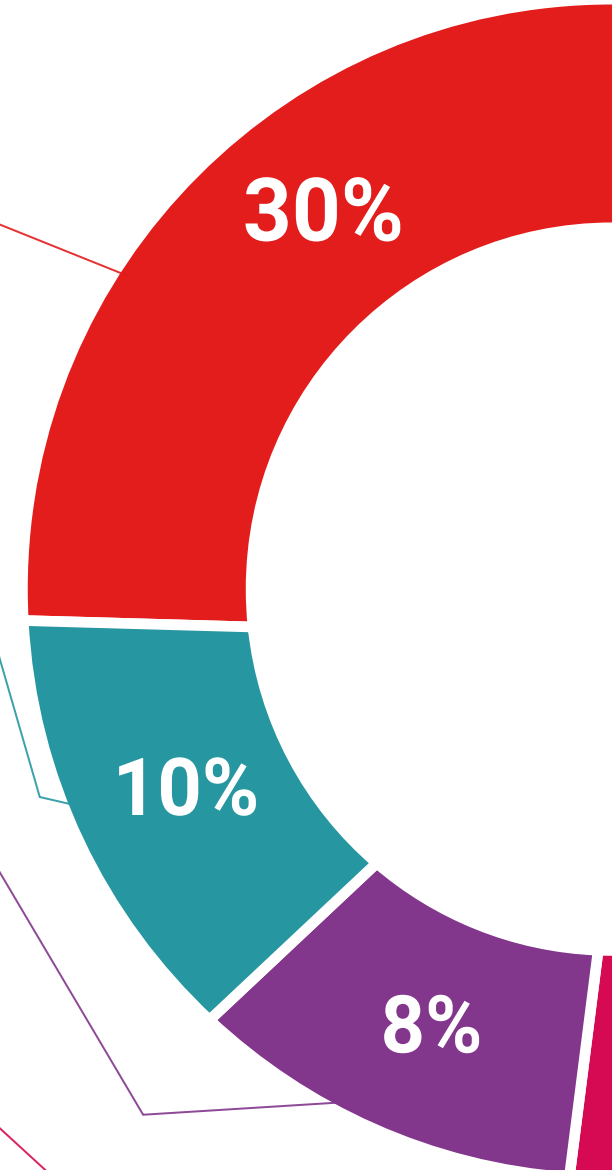
Practising Skills and Abilities

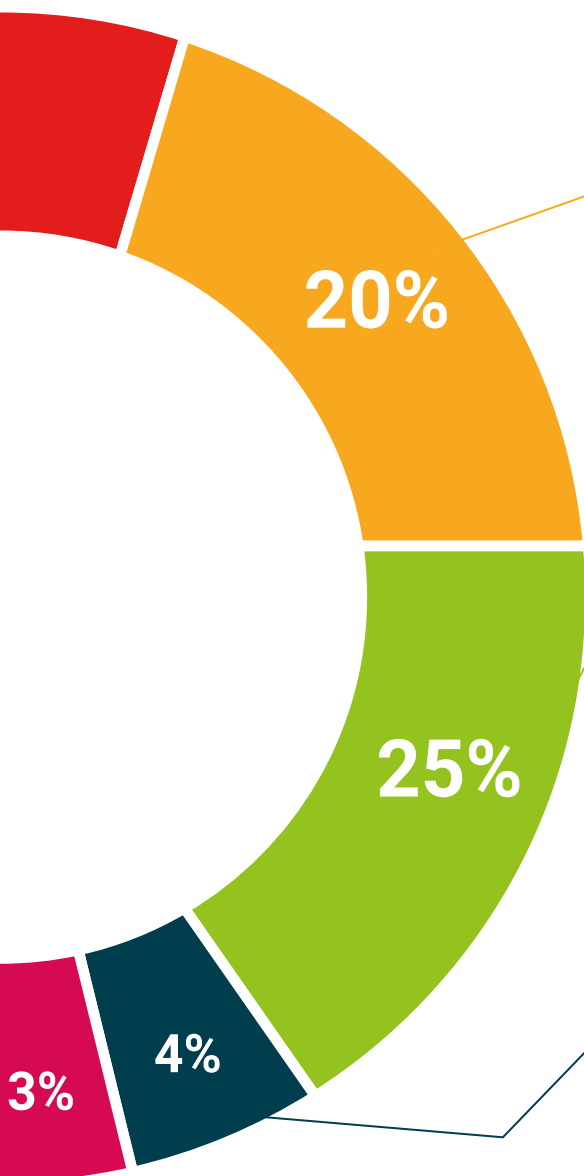
They will carry out activities to develop specific competencies and skills in each thematic area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.



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 situation. 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.



10 Certificate

The Hybrid Master's Degree in Advanced Urgent Care and Emergency Medicine guarantees students, in addition to the most rigorous and up-to-date education, access to a Hybrid Master's Degree issued by TECH Global University.





“

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

This private qualification will allow you to obtain a **Hybrid Master's Degree in Advanced Urgent Care and Emergency Medicine** endorsed by **TECH Global University**, the world's largest online university.

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

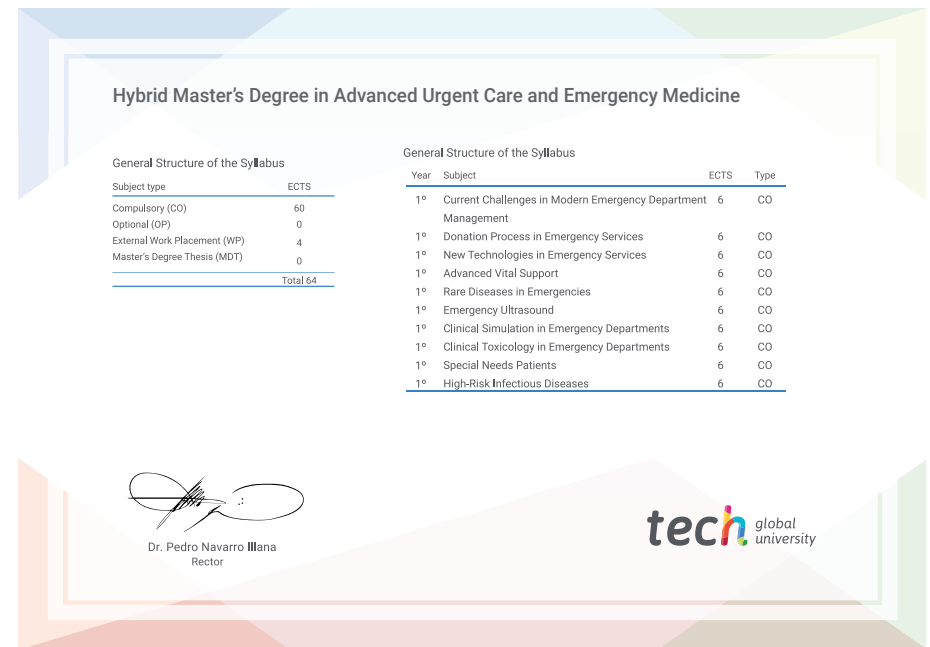
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Hybrid Master's Degree in Advanced Urgent Care and Emergency Medicine**

Modality: **Hybrid (Online + Clinical Internship)**

Duration: **12 months**

Accreditation: **60 + 4 ECTS**





Hybrid Master's Degree
Advanced Urgent Care
and Emergency Medicine

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

Accreditation: 60 + 4 ECTS

Hybrid Master's Degree

Advanced Urgent Care and Emergency Medicine

