

# Hybrid Professional Master's Degree Pediatric Nursing





## Hybrid Professional Master's Degree Pediatric Nursing

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

60 + 5 ECTS Credits

Website: [www.techtute.com/us/nursing/hybrid-professional-master-degree/hybrid-professional-master-degree-pediatric-nursing](http://www.techtute.com/us/nursing/hybrid-professional-master-degree/hybrid-professional-master-degree-pediatric-nursing)

# Index

01

Introduction

---

*p. 4*

02

Why Study this Hybrid  
Professional Master's Degree?

---

*p. 8*

03

Objectives

---

*p. 12*

04

Skills

---

*p. 16*

05

Course Management

---

*p. 20*

06

Educational Plan

---

*p. 26*

07

Clinical Internship

---

*p. 32*

08

Where Can I Do the  
Clinical Internship?

---

*p. 38*

09

Methodology

---

*p. 44*

10

Certificate

---

*p. 52*

# 01

# Introduction

Interventions by Pediatric Nurses are often a difficult experience both for the child and the family, as well as for the professional themselves. In addition, it must be understood that the care required in childhood is not the same as that required in adulthood. For this reason, In order to favor the success in the performance of the procedures and, at the same time, to facilitate the adequate interrelation with the child and the family, it is necessary to update the nursing professional in knowledge, skills and attitudes specific to the pediatric field. From this context, this study program offers a theoretical and practical path, seeking usefulness in routine clinical practice and encouraging high-level research in the aspects covered.





“

*You have before you the opportunity to position yourself in a sector that is requiring more and more Nurse who are experts in this subject. You will do this through a first-class theoretical and practical qualification"*

Pediatric Nursing was differentiated as a specialty because of the conviction that the health problems and care needs required during childhood and adolescence are very different from those need in adulthood. Indeed, child health care has undergone a clear improvement in recent decades as a result of the effectiveness of treatment and quality of care and of activities related to health promotion and disease prevention. For this reason, and with the aim of bringing to the professional the latest developments in Pediatric Nursing, TECH has designed this Hybrid Professional Master's Degree of excellence. From this, the student reaches his maximum potential and growth in the theoretical and practical approach to children's patients with complex pathologies.

This innovative educational modality is composed of two essential parts. The first of these, eminently theoretical, will delve into the most updated competencies that nursing personnel should possess for the integral assistance of the child during its different stages of evolution. In this pedagogical moment, the most modern aspects and tools related to the provision of expert care to promote and protect your health and prevent and cure disease will be examined. These contents will be taught from an online and interactive platform that will facilitate the assimilation of the subjects by implementing innovative didactic methods such as Relearning.

On the other hand, in the second phase of this academic degree, the student will be incorporated for 3 weeks in a first level hospital center. In that institution he will work directly with real cases that need nursing assistance for various pediatric complications. At the same time, they will be supervised by a designated tutor who will guide their performance at all times. In this way, the student will assimilate the dynamics of this health field and will rub shoulders with nurses and doctors specialized in the care of children and young people. In summary, this degree is a unique learning experience with the perfect dose of theory and practice to lead the student to success in the profession.

This **Hybrid Professional Master's Degree in Pediatric Nursing** 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 nursing professionals with expertise in Emergencies care and university professors with extensive experience in the critical patient
- ◆ Its graphic, schematic and practical contents provide scientific and assistance information on those of nursing professionals disciplines that are essential for professional practice
- ◆ Assessment and monitoring of the critically ill patient, the latest international recommendations on life support maneuvers; critical care in patients with neurological, cardiovascular, respiratory disorders; care of the severe trauma patient in intensive care, pharmacology and transport in the critically ill patient, etc
- ◆ Comprehensive systematized action plans for the main pathologies in the Intensive Care Medicine Unit
- ◆ Presentation of practical workshops on procedures, diagnosis, and treatment techniques in critical patients
- ◆ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ◆ Practical clinical guides on approaching different pathologies
- ◆ With a special emphasis on evidence-based medicine and research methodologies in Intensive Care Nursing
- ◆ 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 available from any fixed or portable device with an Internet connection
- ◆ Furthermore, you will be able to carry out a clinical internship in one of the best hospital centers



“

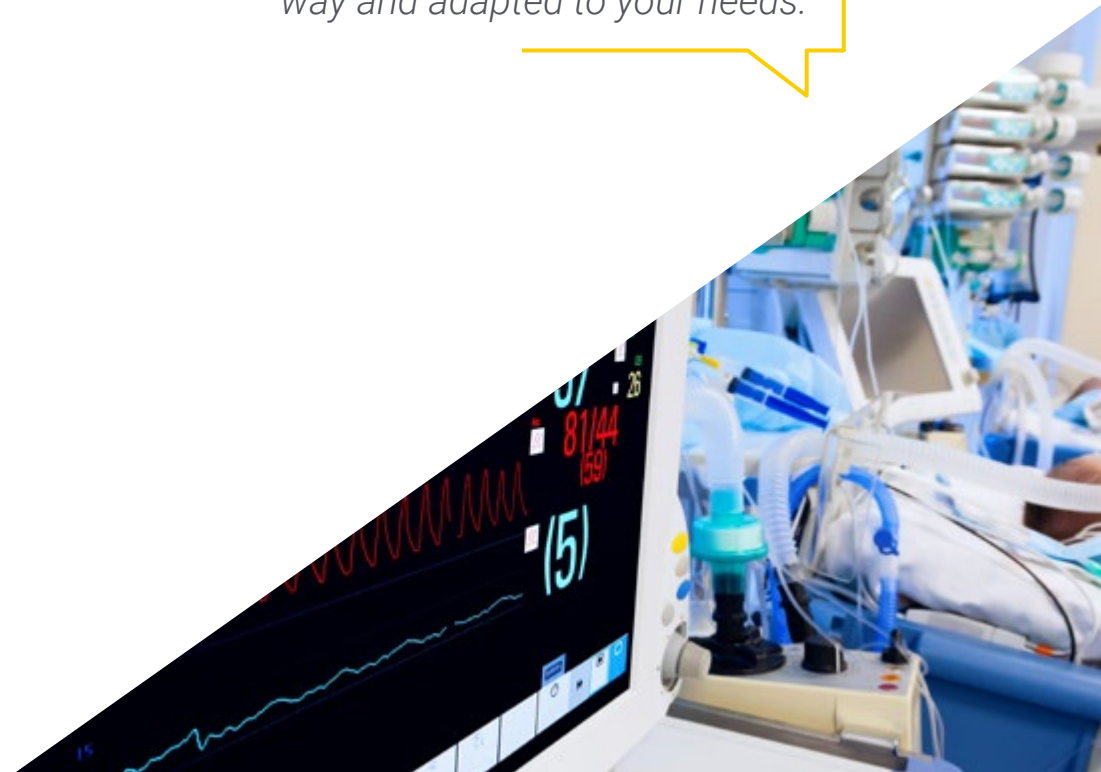
*What you study is very important, but knowing how to putting it into practice it is essential. Take advantage of the opportunity that TECH gives you to not only acquire theoretical knowledge, but to put it into action through high-level internships"*

In this proposal for a Hybrid Professional Master's Degree, the program is aimed to up-to-date nursing professionals who work in pediatric units, and who require a high level of qualification. The content is based on the latest scientific evidence and is organized in a didactic way to integrate theoretical knowledge into nursing practice. The theoretical-practical elements allow professionals to update their knowledge and help them to make the right decisions in patient care.

The multimedia content developed with the latest educational technology will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive education program to learn in real situations. This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the program. For this reason, you will be assisted by an innovative, interactive video system created by renowned and experienced experts in the field of Intensive Care units who also have extensive teaching experience.

*Don't miss this great opportunity and take an intensive 3-week stay. This will allow you to acquire all the knowledge to grow personally and professionally.*

*Expand your knowledge through the Hybrid Professional Master's Degree in Pediatric Nursing, in a practical way and adapted to your needs.*



02

# Why Study this Hybrid Professional Master's Degree?

In nursing, theoretical knowledge is not enough to care for pediatric patients. In this health area, professionals must have a broad command of practical skills for the comprehensive care of children and adolescents with different pathologies. Taking these needs as a starting point, TECH has created a degree that, in turn, is supported by an innovative learning modality. It combines the theoretical knowledge of excellence for this health care discipline with a practical stay in a first level hospital where the student will be guided by prestigious experts to achieve the holistic development of new skills.





“

*This high-level program will enable you to identify the most common respiratory conditions that a newborn baby presents with in the first hours of life and that require expert nursing care"*

### 1. Updating from the Latest Technology Available

In this academic program, TECH students will be up-to-date on the guidelines for nurses in the event of having to perform cardiopulmonary resuscitation on newborns. They will also examine the most modern equipment that is now integrated and complement the responsibilities of the professionals in this health area.

### 2. Delving from the experience of the best experts

This Hybrid Professional Master's Degree will be attended by multiple experts in Pediatric Nursing. In a first educational stage, 100% online, TECH teachers will clarify doubts and concepts of interest. Subsequently, a team of professionals will welcome the students for a practical stay in prestigious health centers, where they will share their experiences with them through direct assistance to patients.

### 3. Enter into first level hospital environments from a Nursing point of view

TECH has chosen in detail the medical facilities that will host its students during the 3-week internship included in this degree program. These institutions have a high prestige thanks to the health personnel that work in them and their high specialization in the competencies that comprise Pediatric Nursing. In addition, the centers in question have the most sought-after and comprehensive technological resources in this field today.





#### 4. Combining the Best Theory with State-of-the-Art Practice

This program breaks several schemes in the current pedagogical market, where there is a prevalence of degrees with little focus on the proper didactic training of students. TECH wants to combat this reality by presenting an innovative learning model, 100% practical and that facilitates the access of students to first level health institutions. From this classroom experience, your graduates will have the most sought-after experiences in the landscape of care provided by Pediatric Nursing.

#### 5. Expanding the Boundaries of Knowledge

During this Hybrid Professional Master's Degree program, students will have access to centers of international scope, located in different latitudes. This availability will facilitate student access to different standards and modalities of nursing care for pediatric patients. In this way, they will expand their career horizons and enhance their resumes with a unique career path.



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



# 03 Objectives

TECH and its team of experts in pediatric nursing have invested hundreds of hours in the development of this Hybrid Professional Master's Degree in order to offer an academic experience that meets the highest and most ambitious expectations of its graduates. This is why the student who decides to take this program will have access to the most exhaustive and innovative information based on the most modern scientific evidence in relation to the clinical management of children and adolescent patients.





“

*Improve exponentially the level of your interventions in the area of Pediatric Nursing with this Hybrid Professional Master's Degree that TECH puts in your hand"*





## General Objective

---

- This Hybrid Professional Master's Degree in Pediatric Nursing has the objective of bringing the professional up to date in the diagnostic and therapeutic procedures of the specialty. This is mainly carried out through a in an exclusively practical way, through a hospital stay designed with clinical and academic rigor, under the guidance of renowned nursing Expert a hospital center of the highest quality Scientific and technological innovation



*You are looking at an immersive program that will generate a sense of security in the performance of nursing practice and will help you grow personally and professionally"*



## Specific Objectives

---

### Module 1. Basics and Fundamentals of Nursing in Child and Adolescent Care

- Up-to-date the principles of nursing in child and adolescent care
- Identify the main tools for the care of children and adolescents
- Analyze nursing processes in medical procedures for children and adolescents

### Module 2. Maternal and Infant Follow-up and Delivery Care

- Identify and define the stages of pregnancy and childbirth. and the role of nurses in the different stages
- Delve into the postpartum procedure and first quality care for the wellbeing of the infant
- Delve into the postpartum procedure and first-rate care for the mother's wellbeing
- Perform a brief postpartum maternal and child diagnosis

### Module 3. Newborn Nursing Care

- Determine newborn screening tests
- Establish the main health problems of newborns
- Identify the postpartum newborn's condition
- Develop rapid action protocols for newborn emergencies

**Module 4. Advanced Neonatal Life Support**

- ♦ Define the process of labor and delivery resuscitation, post- Post-Resuscitation stabilization and neonatal transport
- ♦ Develop a plan of action to provide life support to the newborn
- ♦ Identify protocols for newborn care

**Module 5. Caring for Healthy Children**

- ♦ Describe the different health examinations and controls in healthy child at different stages of development
- ♦ Performing the newborn accommodation procedure
- ♦ Develop a list of vaccines and identify their execution times

**Module 6. Care for Children with Health Problems**

- ♦ Establish the vaccination schedule and vaccination in special situations
- ♦ Identify the main health Complications of newborns

**Module 7. Pediatric Accidents and Emergencies**

- ♦ Define nursing care in emergencies and pediatric emergencies
- ♦ Perform a protocol that provides rapid action and first aid to the infant
- ♦ To know the main medical tools to provide first aid

**Module 8. Pediatric Techniques**

- ♦ Explain infant. preschool. school and adolescent feeding
- ♦ Develop a primary care plan for the infant
- ♦ To develop knowledge of the main diseases affecting infants, preschoolers and adolescents

**Module 9. Advanced Pediatric Life Support**

- ♦ Explain the basic concepts and maneuvers of pediatric advanced life support depending on the age of the child
- ♦ Identify priority first aid techniques in the absence of a doctor
- ♦ Analyze the pediatricians' action plan and their effective techniques

**Module 10. Critical Care for Paediatric Patients**

- ♦ Describe the different procedures and techniques in pediatric settings
- ♦ Describe the care related to the different health problems of the child as well as the psychosocial approach in the pediatric age

**Module 11. Research Methodology in Pediatric Nursing**

- ♦ Delve into the latest up-to-date in pediatric nursing research
- ♦ Identify the best pediatric nursing tools
- ♦ Develop comparatives to analyze the different methodologies that exist

# 04 Skills

After passing the assessments on the Hybrid Professional Master's Degree in Pediatric Nursing Analysis the nursing professional will have acquired the professional skills required for quality nursing care, and updated based on the latest scientific evidence.





“

*Through this program you will be able to expand your knowledge in Pediatric Nursing, and you will be able to provide quality care to the critically ill patient, based on the latest scientific evidence”*





## General Skills

---

- ♦ Apply acquired knowledge and problem-solving skills in new or unfamiliar environments within broader (or multidisciplinary) contexts related to the area of study
- ♦ Integrate knowledge and face the complexity of making judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities linked to the application of their knowledge and judgments
- ♦ Communicate their conclusions and the ultimate knowledge and rationale behind them to specialized and non-specialized audiences in a clear and unambiguous manner
- ♦ Acquire the learning skills that will enable further studying in a largely self-directed or autonomous manner
- ♦ 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







## Specific Skills

---

- ♦ Work in a holistic, tolerant, non-judgmental, caring and sensitive manner, ensuring that the rights, beliefs and wishes of children and adolescents are respected
- ♦ Manage nursing care aimed at meeting the needs arising from the health problems of the child or adolescent
- ♦ Assess the impact of hospitalization and disease processes involving a loss or change in the lives of children and adolescents with cancer and their families, establishing a therapeutic relationship that facilitates their adaptation to the unit, adequate coping and promotes progressive involvement in care
- ♦ Comprehensively and contextually assess children and adolescents and their family, detecting any Abnormalities and possible deficits in their needs, making professional clinical judgments, planning interventions and autonomously solving the problems identified and/or referring to another professional, ensuring shared and coordinated action
- ♦ Effectively and efficiently perform the different procedures, diagnostic tests and treatments derived from the different health problems in children and adolescents, taking into account the different levels of care and ensuring professional practice based on ethical, legal and clinical safety principles
- ♦ Provide comprehensive care to children or adolescents from an ethical and legal perspective, with respect, tolerance, without being judgmental, with sensitivity to cultural diversity, guaranteeing the right to privacy, confidentiality, information, participation, Autonomy and informed consent in decision-making
- ♦ Consider emotional, physical and personal care, including meeting the needs for comfort, nutrition and personal hygiene and enabling the maintenance of daily activities
- ♦ Manage nursing care of the child in an autonomous manner
- ♦ Educate, facilitate, support and encourage the well-being and comfort of children, adolescents and their families
- ♦ Apply different health education strategies to the child or adolescent, in an autonomous manner, identifying learning needs, designing, planning and carrying out interventions to promote, foster and maintain the autonomy of the child and adolescent
- ♦ Manage nursing care aimed at meeting the needs of children and adolescents and their family, as well as the complications arising from a health problem requiring care in the Pediatric Emergency and Intensive Care Units (PEICU) while taking into account the standards of quality and clinical safety
- ♦ Develop the ability to anticipate and act in situations that may endanger the life of the child and adolescent in critical condition, in a complex environment with constantly up-to-date diagnostic and therapeutic technology
- ♦ Maintain an effective communication with the team, with other professionals, institutions, and social groups, using available resources, facilitating the exchange of information and contributing to an improvement in the care provided in a climate of collaboration and to realize that the patient's well-being is achieved from the combination of resources and actions of the team members
- ♦ Assess risk and actively promote the well-being and safety of all people in the work environment
- ♦ Base clinical practice on the best available evidence to contribute to continuous improvement in quality care provided to children and adolescents

05

# Course Management

TECH has integrated a teaching staff of excellence to deliver this educational program. These professionals have extensive experience in the field of Pediatric Nursing, where they are still active. Thanks to these experiences, they have put together a very complete syllabus with the most current protocols for the management of newborns and the management of well-baby care. At the same time, the technological tools within the reach of this health area will be discussed.



“

*The teachers in this program are distinguished in the healthcare landscape for their mastery of the most comprehensive care that a nursing professional must provide to children and adolescents"*

## Guest Director



### Mr. García Briñón, Miguel Ángel

- ◆ nurse specialized in Emergency Medicine
- ◆ Supervisor of the Emergencies Department of the Clinical Hospital San Carlos of Madrid
- ◆ Supervisor of the Neonates-Ophthalmology Unit at the San Carlos Clinical Hospital
- ◆ Nurse collaborator in the Multipharma pharmaceuticals "InMEDIATE" study
- ◆ Degree in Nursing
- ◆ Master's Degree in Health Services and Health Companies Management
- ◆ Expert in Out-of-Hospital Accidents and Emergencies at the European University of Madrid

## Management



### Ms. Alfaro Ramírez, Concepción

- ◆ Specialist in Pediatric Nursing
- ◆ Nursing Supervisor for Pediatric Services at Vithas Valencia 9 Hospital in Octubre
- ◆ University Professor in the "Diploma in Neonatal Nursing and Neonatal Intensive Care" at the CEUCardenal Herrera University
- ◆ Lecturer in Child Nutrition Course at Fundación Hospitales Nisa
- ◆ Diploma in Nursing from the University Catholic of Valencia

## Professors

### Mr. Estevez García, Adolfo

- ◆ Nurse specialized in Emergency Medicine
- ◆ Nurse in the Emergency Department, Hospital Clínico San Carlos, Madrid
- ◆ Laboratory technician specialized in Anatomic Pathology
- ◆ Teacher Collaborator practical of the Faculty of Nursing, Physiotherapy and Podiatry in the Complutense University of Madrid
- ◆ Degree in Nursing from the European University of Madrid
- ◆ Specialist in Emergency Nursing and Outpatient Emergencies from the European University of Madrid
- ◆ Course on Pediatric Triage at Gregorio Marañón Hospital

### Mr. Cozar López, Gabriel

- ◆ Emergency Nurse and Researcher
- ◆ Nurse in the Emergency Department at Clinical Hospital San Carlos
- ◆ Collaborator with the Health Research Institute at the Clinical Hospital San Carlos in Madrid
- ◆ Degree in Nursing from the University of Alcalá
- ◆ Master's Degree in Emergency and Critical Care in Nursing from the European University of Madrid
- ◆ Member teaching body of the Foundation for the Development of Nursing

### Ms. Lorenzo Salinas, Almudena

- ◆ Nurse specialized in Emergency Medicine
- ◆ Nurse in the Emergency Department at the San Carlos Clinical Hospital in Madrid
- ◆ Graduate in Nursing from the University School of Nursing Fundación Jiménez Díaz
- ◆ Specialist in Accidents and Emergencies at the School of Health Sciences of the Nursing Collegiate Organization, Center attached to the Complutense University of Madrid
- ◆ Course in Nursing in the neonatal adaptation to extrauterine life

### Ms. Espílez Laredo, Irene

- ◆ Nurse Practitioner in Intensive Care and Emergency Medicine
- ◆ Nurse in the Emergency Department at the San Carlos Clinical Hospital in Madrid
- ◆ Degree in Nursing from the Complutense University of Madrid
- ◆ Master's Degree in Intensive Care from the University of Avila
- ◆ Pediatric Specialist in life-threatening situations with CODEM
- ◆ Expert in Out-of-Hospital Accidents and Emergencies
- ◆ Upper in Microbiology and Clinical Parasitology at the Puerta de Hierro University Hospital



**Mr. Mora Rivero, Jorge**

- ♦ Nurse specialized in Emergency Medicine
- ♦ Emergency Nurse at the General University Hospital of Elche
- ♦ University tutor for clinical training
- ♦ Professional teaching experience in University Masters and Postgraduate Courses
- ♦ Degree in Nursing from the University of Alicante
- ♦ Master's Degree in Nursing Sciences
- ♦ Postgraduate Diploma in Primary Care Emergencies
- ♦ Degree in Emergency Medical Transportation (SAMU)

**Ms. Roldán del Amo, Adela**

- ♦ Specialist in Pediatric Nursing
- ♦ Pediatric Nurse in the Pediatric Hospitalization Unit at Vithas Nisa 9 de Octubre Hospital
- ♦ University Professor in the areas of Neonatal Nursing and Neonatal Intensive Care, First Aid, Cardiopulmonary Resuscitation and Emergency Situations
- ♦ University Diploma in Nursing at the University School of Nursing "Nuestra Señora de los Desamparados in Valencia

**Dr. López Ruiz, María Amparo**

- ♦ Doctor of Pediatric medicine
- ♦ Area Supervisor in Castilla y León Health Department (SACYL)
- ♦ Erasmus Coordinator for Medicine at the University CEU Cardenal Herrera
- ♦ University Professor of Nursing, Medicine and Pharmacy, specifically in the areas of: Pediatric Emergencies, Neonatal Nursing, Intensive Care, First Aid, Cardiopulmonary Resuscitation and Emergency Situations, and Advanced Aesthetic and Laser Techniques
- ♦ Coordinator of Medicine in Erasmus Internships for Medicine and at CEU Cardenal Herrera University
- ♦ Personal Tutor for international students of Medicine at CEU Cardenal Herrera University
- ♦ Entrepreneurship Tutor for Medicine at CEU Cardenal Herrera University
- ♦ Nestlé Award for Best Oral Communication at the XXIV National Congress of the Spanish Society of Outpatient and Primary Care Pediatrics, held in Murcia, for the paper: "Analysis of the use of Analgesic-Antipyretics in pediatric patients attending an emergency department"
- ♦ Doctor Cum Laude in Medicine with honors by the University CEU Cardenal Herrera with the Thesis: "Analysis of Medication in Pediatric Population Who Attend the Emergency Department"
- ♦ Degree in Medicine and Surgery from the University of Valencia
- ♦ Expert in Neonatology: Premature Newborn Care

**Ms. Lospitao Gómez, Sara**

- ♦ Intensive Care and Interventional Cardiology Nurse at the Hospital Universitario de Fuenlabrada (HUF)
- ♦ Nurse of the Post-Surgical Intensive Care Unit (PICU) of Cardiac Surgery at the Hospital Universitario 12 de Octubre
- ♦ Coronary Intensive Care Unit Nurse at the Hospital Universitario de la Hospital Universitario 12 de Octubre
- ♦ Nurse of the Interventional Cardiology Unit (Hemodynamics, EUS and Implants)
- ♦ Head of the #TEAyudamos program at HUF and Member of the #JuntosXEICáncer group
- ♦ Instructor in Advanced Life Support by the National CPR Plan of the Spanish Society of Intensive Care Medicine, Critical Care and Coronary Units (SEMICyUC)
- ♦ Member of: Care Subcommittee (HUF), Care Committee (HUF), Ulcer and Wound Working Group Secretariat (HUF)

**Ms. Cascales Pérez, María Luisa**

- ♦ Mindfulness Nurse Expert
- ♦ Teacher of Mindfulness for Nursing courses
- ♦ PhD for Nursing from the University of Alicante

**Ms. Alonso Pérez, Marta**

- ♦ Nurse Practitioner in Intensive Care and Emergency Medicine
- ♦ Nurse in the Emergency Department at Hospital Clínico San Carlos de Madrid
- ♦ Degree in Nursing from the Complutense University of Madrid
- ♦ Master's Degree in Intensive Care Nursing from CEU San Pablo University
- ♦ University Expert in Nursing Processes and Interventions for Pediatric Patients in Life-Threatening Situations, University of Avila, Spain
- ♦ Expert in Out-of-Hospital Accidents and Emergencies with FUDEN
- ♦ Diploma in Advanced Cardiopulmonary Resuscitation in Pediatrics and Neonatal



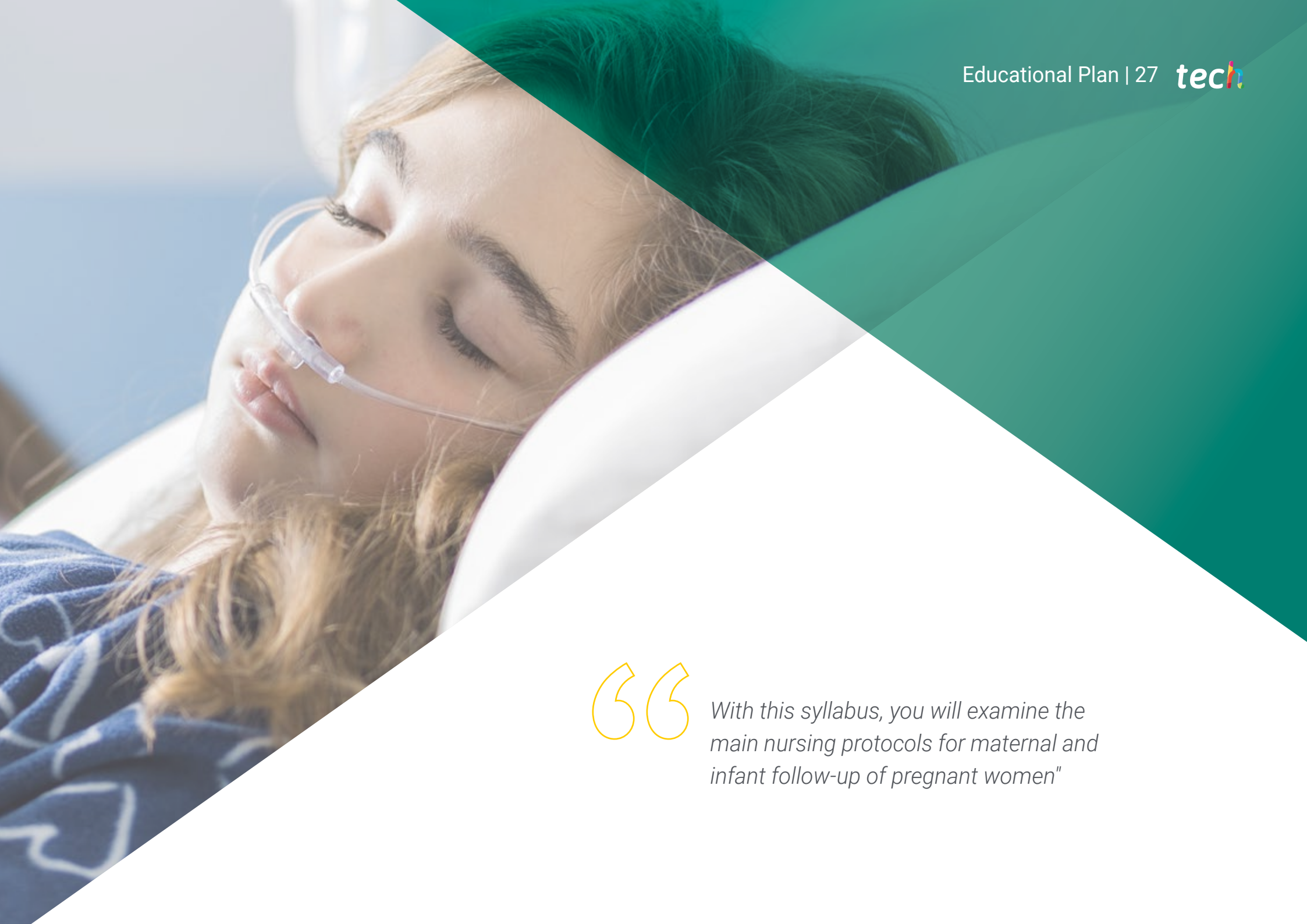
*The teachers of this training will offer you their specialized guidance at all times to clarify doubts and concepts of interest"*

# 06

## Educational Plan

The program of this Hybrid Professional Master's Degree is composed of different academic modules, with a wide range of topics of interest. In them, students will delve into the fundamentals of nursing in child and adolescent care. At the same time, they will delve in the most optimal pediatric techniques to manage children's health problems with cardiorespiratory insufficiencies. On the other hand, students will analyze the most advanced vital supports for pediatric ages, according to the discussion of real cases of daily practice.





“

*With this syllabus, you will examine the main nursing protocols for maternal and infant follow-up of pregnant women"*



### Module 1. Basics and Fundamentals of Nursing in Child and Adolescent Care

- 1.1. Legislation, Ethics and Deontology in Pediatric Nursing
- 1.2. Pediatric Nursing Care Methodology
- 1.3. NANDA-NOC-NIC Nursing Process
- 1.4. Childhood Care
- 1.5. Adolescent Care

### Module 2. Maternal and Infant Follow-up and Delivery Care

- 2.1. Stages of Pregnancy
- 2.2. Birth
- 2.3. Evaluating a Newborn
  - 2.3.1. Apgar's Test
  - 2.3.2. Somatometry
  - 2.3.3. Chromosomopathies
  - 2.3.4. Neonatal Metabolic Screening
- 2.4. Pathological Newborn

### Module 3. Newborn Nursing Care

- 3.1. General Concepts of Perinatology
- 3.2. Physical Examination of Newborns
- 3.3. Health Problems in Newborns
  - 3.3.1. Cardiac Pathology
  - 3.3.2. Metabolic Pathology
  - 3.3.3. Neurological Pathology
  - 3.3.4. Respiratory Pathology
  - 3.3.5. Digestive Pathology
  - 3.3.6. Hematologic Pathology
  - 3.3.7. Renal Pathology
  - 3.3.8. Sudden Infant Death Syndrome (SIDS)
  - 3.3.9. Physiological Jaundice







#### Module 4. Advanced Neonatal Life Support

- 4.1. Resuscitation in the Delivery Room
- 4.2. Special Situations
- 4.3. Ethical Questions
- 4.4. Stabilization Post- Resuscitation and Neonatal Transportation

#### Module 5. Caring for Healthy Children

- 5.1. Health Examinations
- 5.2. Child Development
  - 5.2.1. Psychomotor Development and Language
  - 5.2.2. Cognitive Development
  - 5.2.3. Vision Development
  - 5.2.4. Affective-social relationships. Bond Development
  - 5.2.5. Development of Sleep Habits
- 5.3. Breastfeeding and Formula Feeding
- 5.4. Infant and Preschool Feeding
- 5.5. School and Adolescent Nutrition
- 5.6. Vaccines Vaccine Calendar Vaccination in Special Situations
- 5.7. School Health
  - 5.7.1. Health Promotion in Schools The School Nurse
  - 5.7.2. Health Education at Schools
  - 5.7.3. Nursing in Special Education Schools

#### Module 6. Care for Children with Health Problems

- 6.1. Dermatological Care at Pediatric Age
- 6.2. Nutrition and Endocrine Metabolism Disorders
- 6.3. Pediatric Care for Problems Related to the Digestive Tract
- 6.4. Psychosocial Approach During Pediatric Age
- 6.5. Pediatric Care for Problems Related to the Cardiovascular Tract
- 6.6. Pediatric Care for Problems Related to the Renal Tract
- 6.7. Pediatric Care for Problems Related to the Respiratory Tract
- 6.8. Pediatric Care for Problems Related to the Neurological Tract
- 6.9. Children with Chronic Diseases

### Module 7. Pediatric Accidents and Emergencies

- 7.1. Airway Emergencies
- 7.2. Acute Febrile Episode
- 7.3. Seizures
- 7.4. Abdominal Pain and Other Gastrointestinal Disorders
- 7.5. Exanthem
- 7.6. Injuries and Burns
- 7.7. Drug and Non-drug Intoxications
- 7.8. Stings and Bites
- 7.9. Initial Pediatric Trauma Care
- 7.10. Head Trauma in Children

### Module 8. Pediatric Techniques

- 8.1. Venous Access. Routes of Adminstrating Medication
- 8.2. Pulse Oximetry and Capnography
- 8.3. Oxygen Therapy
- 8.4. Airway Pediatrics Rapid Intubation Sequence
- 8.5. Analgesia and Sedation
- 8.6. Intraosseous Puncture
- 8.7. Monitoring Constants and Taking Samples
- 8.8. Other Techniques and Procedures in Paediatrics
  - 8.8.1. Suprapubic Puncture
  - 8.8.2. Bladder Catheterisation
  - 8.8.3. Nasogastric Catheterization

### Module 9. Advanced Pediatric Life Support

- 9.1. Apparently Lethal Syndromes
- 9.2. Recognition and Management of Critically Ill Children
  - 9.2.1. Epidemiology, Etiology and Prevention of CRP in Childhood
  - 9.2.2. Pediatric Assessment Triangle (PAT) and its Utility
  - 9.2.3. Pediatric ABCDE Evaluation



- 9.3. Basic Pediatric Life Support
  - 9.3.1. Basic CPR
  - 9.3.2. Foreign Object Airway Obstruction
  - 9.3.3. Automatic Defibrillator in Pediatrics
- 9.4. Advanced Pediatric Life Support
- 9.5. Basic and Advanced Airway Management
- 9.6. Basics of Mechanical Ventilation in Pediatrics
- 9.7. Infusion Routes in Pediatric CPR and Medication
- 9.8. Diagnosis and Treatment of Arrhythmias in CRP

### Module 10. Critical Care for Paediatric Patients

- 10.1. Most Prevalent Pathologies in Pediatric Intensive Care
  - 10.1.1. Most Common Disorders in Newborns
  - 10.1.2. Polytraumatized Children
- 10.2. Assessment of Critical Pediatric Patient
  - 10.2.1. Needs Assessment
  - 10.2.2. Most Common Pediatric Rating Scales
- 10.3. Critical Pediatric Patient care
  - 10.3.1. Airway and Ventilatory Management for Critically Ill Pediatric Patients
  - 10.3.2. Nursing Techniques for Critically Ill Pediatric Patients
  - 10.3.3. Pediatric Postoperative Care
  - 10.3.4. Pediatric Pain
  - 10.3.5. Administering Medication for Paediatric Patients
  - 10.3.6. Care for Premature Infants
  - 10.3.7. End of Life Care
  - 10.3.8. Interhospital Transport for Critically Ill Pediatric Patients

### Module 11. Research Methodology in Pediatric Nursing

- 11.1. Recovery of Quality Information Specialized in Health Sciences
- 11.2. Bibliographic Reference Management
- 11.3. Critical Reading on Outcomes Research
- 11.4. Writing Articles with Scientific Structure and Publishing Results in High Impact Journals

07

# Clinical Internship

After passing the online learning period, the program includes a practical training period in a reference clinical center. The student will have at their disposal the support of a tutor who will accompany them during the whole process, both in the preparation and in the development of the clinical practice.





“

*You will combine, in an exceptional way, your practical knowledge with highly demanded practical skills through the contents of this Hybrid Professional Master's Degree"*

The Practical Training period of this intensive care nursing program consists of a 3-week clinical internship, from Monday to Friday with 8 consecutive hours of work, with an assistant tutor. This stay will allow to see real patients alongside a team of professionals of reference in the area of intensive care nursing, applying the most innovative diagnostic procedures and planning the latest generation of therapy for each pathology.

In this training proposal, completely practical in nature, the activities are aimed at developing and perfecting the skills necessary for the provision of healthcare in areas and conditions that require a high level of qualification, and which are oriented to the specific training for the exercise of the activity, in a safe environment for the patient and a high professional performance.

It is undoubtedly an opportunity to learn by working in the innovative hospital of the future where real-time health monitoring of patients is at the center of the digital culture of its professionals.

The practical education will be carried out with the active participation of the student performing the activities and procedures of each area of competence (learning to learn and learning to do), with the accompaniment and guidance of teachers and other fellow trainees that facilitate teamwork and multidisciplinary integration as transversal competencies for clinical nursing practice (learning to be and learning to relate).

The procedures described below will be the basis of the practical part of the training, and their implementation will be subject to the center's own availability and workload, the proposed activities being the following:





Module	Practical Activity
<b>Nursing protocols for the care of children with health problems</b>	Define, classify, evaluate the clinical manifestations and apply specific treatment to patients with health problems of
	Apply general isolation measures and infection control precautions
	To provide advice to family members for early stimulation of their children's development
<b>Care strategies for pediatric emergencies and pediatric emergencies</b>	To implement protection and containment techniques in the child with acute convulsive symptoms
	Perform nursing procedures in the pediatric patient: Levine, vesical and rectal catheters, gastric lavage, etc
	Perform peripheral vein cannulation in the child
<b>Pediatric techniques to be implemented by the nursing staff in chronic patients</b>	Perform nursing from procedures such as bladder catheterization, lumbar puncture and others
	Collection of urine specimen for collection and performance of urine tests
	To know and participate in the performance of radiological examinations Examples: US, TUS, UCM, UD
	Removing foreign bodies in accessible orifices
	Participate in cardiorespiratory resuscitation the care of children in need of advanced pediatric life support
	Use nursing care in the patient with mechanical ventilation and endotracheal intubation
<b>Well-child care by the nursing staff</b>	Conduct the interview of family and personal pathological history including the characteristics of pregnancy and childbirth
	Apply health promotion and prevention actions
	Managing vaccination in the healthy child
	To know the modalities of care and portfolio of Pediatric Nursing services
<b>Newborn Nursing Care</b>	Assessment of the healthy newborn and classification according to gestational age and birth weight
	To know the nursing procedures in the critically ill newborn
	Identify feeding and nutrition problems in neonates
	Perform neonatal assessment and identify the existence and intensity of respiratory distress
	Apply newborn resuscitation measures

## 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 practical training 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 Professional 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 Professional 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 Professional Master's Degree will receive a certificate accrediting their stay at the center.

**5. EMPLOYMENT RELATIONSHIP:** The Hybrid Professional 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 Professional 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 Professional 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?

The Practical Training is developed in a prestigious health center, over 3 weeks and following a system of intensive and practical stay that will allow the nurse to be up-to-date with the latest developments in this area of nursing. All of this, with the help of highly reputable professionals who will accompany you throughout the process and with whom you will have access to real patients and clinical cases.







“

*Up-to-date yourself thanks to the on-site stay offered by This Hybrid Professional Master's Degree"*

# tech 40 | Where Can I Do the Clinical Internship?

The student will be able to do this program at the following centers:



Nursing

## CT Medical

Country	City
Spain	Madrid

Address: C. Lonja de la Seda, 41, 28054 Madrid

Clinical center offering a multidisciplinary range of medical specialties.

### Related internship programs:

- Clinical, Medical and Welfare Management
- Pediatric Nursing



Nursing

## 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
- Palliative Care



Nursing

## 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
- Hospitals and Health Services Management



Nursing

## Hospital HM Rosaleda

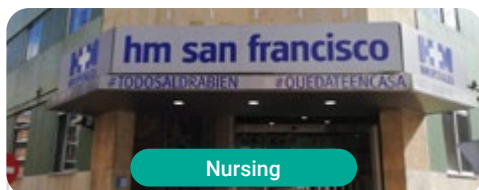
Country	City
Spain	La Coruña

Address: Rúa de Santiago León de Caracas, 1, 15701, Santiago de Compostela, A Coruña

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

### Related internship programs:

- Hair Transplantation
- Orthodontics and Dentofacial Orthopedics



Nursing

## 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



Nursing

## 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:

- Update on Psychiatric Treatment in Minor Patients



Nursing

## 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:

- Palliative Care
- Aesthetic Medicine



Nursing

## 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
- Palliative Care





Nursing

### 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
- Palliative Care



Nursing

### Hospital HM Nuevo Belén

Country	City
Spain	Madrid

Address: Calle José Silva, 7, 28043, Madrid

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

**Related internship programs:**

- General and Digestive System Surgery
- Clinical Nutrition in Medicine



Nursing

### Hospital HM Puerta del Sur

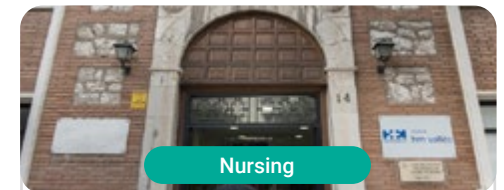
Country	City
Spain	Madrid

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

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

**Related internship programs:**

- Palliative Care
- Clinical Ophthalmology



Nursing

### 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



Nursing

**Policlínico HM Cruz Verde**

Country	City
Spain	Madrid

Address: Plaza de la Cruz Verde, 1-3, 28807, Alcalá de Henares, Madrid

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

**Related internship programs:**

- Advanced Clinical Podiatry
- Optical Technologies and Clinical Optometry



Nursing

**Policlínico HM Moraleja**

Country	City
Spain	Madrid

Address: P.º de Alcobendas, 10, 28109, Alcobendas, Madrid

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

**Related internship programs:**

- Rehabilitation Medicine in Acquired Brain Injury Management



Nursing

**Policlínico HM Sanchinarro**

Country	City
Spain	Madrid

Address: Av. de Manoteras, 10, 28050, Madrid

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

**Related internship programs:**

- Gynecological Care for Midwives
- Nursing in the Digestive Tract Department



Nursing

**Policlínico HM Imi Toledo**

Country	City
Spain	Toledo

Address: Av. de Irlanda, 21, 45005, Toledo

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

**Related internship programs:**

- Electrotherapy in Rehabilitation Medicine
- Hair Transplantation



Nursing

**Clínica Virgen del Camino**

Country	City
Spain	Madrid


Address: Paseo de las Delicias, 150, 28045 Madrid

Clínica Virgen del Camino, 45 years of health care

**Related internship programs:**

- Occupational Nursing
- Diagnosis in Physiotherapy





**Nursing**

### Sanatorio Central

Country	City
Argentina	Tucumán

Address: Av. Mitre 268, T4000  
San Miguel de Tucumán, Tucumán

Sanatorium of General Medicine,  
hospitalization, diagnosis and treatment

---

**Related internship programs:**

- Advanced Operating Room Nursing
- Pediatric Nursing



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

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"*

## At TECH Nursing School we use the Case Method

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

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



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

“

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

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

1. Nurses who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on practical skills that allow the nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



## Relearning Methodology

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

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



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



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

With this methodology we have trained more than 175,000 nurses with unprecedented success in all specialities regardless of practical workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

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

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

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



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



### Study Material

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

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



### Nursing Techniques and Procedures on Video

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



### Interactive Summaries

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

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



### Additional Reading

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





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

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



#### Testing & Retesting

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



#### Classes

There is scientific evidence suggesting that observing third-party experts can be useful. Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



#### Quick Action Guides

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





# 10 Certificate

The Hybrid Professional Master's Degree in Pediatric Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a Hybrid Professional 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 program will allow you to obtain your **Hybrid Professional Master's Degree diploma in Pediatric Nursing** endorsed by **TECH Global University**, the world's largest online university.

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

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

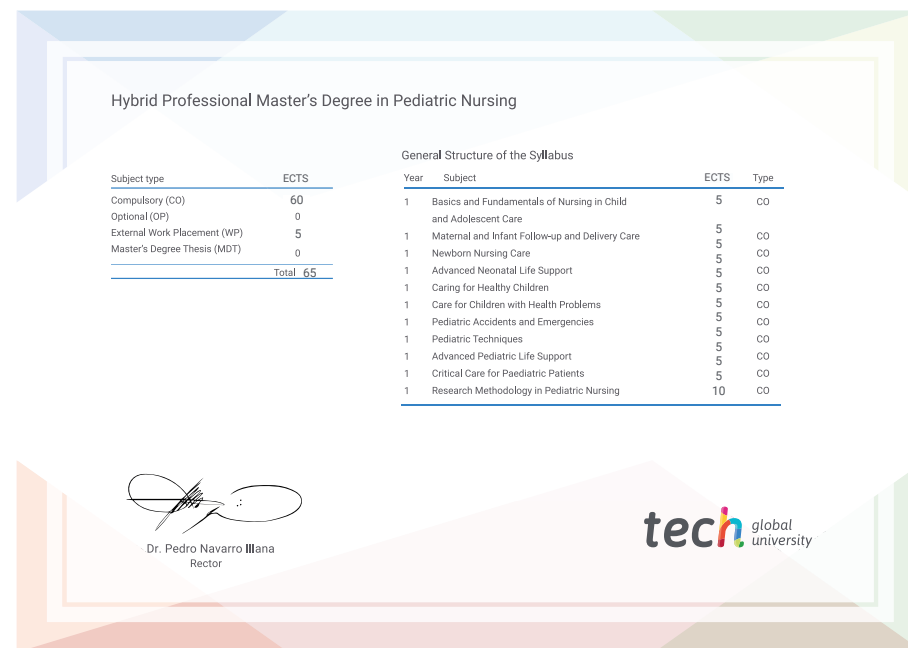
Title: **Hybrid Professional Master's Degree in Pediatric Nursing**

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

Duration: **12 months**

Certificate: **TECH Global University**

Recognition: **60 + 5 ECTS Credits**



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

future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present quality  
development languages  
virtual classroom



## Hybrid Professional Master's Degree

### Pediatric Nursing

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

60 + 5 ECTS Credits

# Hybrid Professional Master's Degree Pediatric Nursing