

Hybrid Professional Master's Degree

Advanced Practice Nursing





Hybrid Professional Master's Degree

Advanced Practice Nursing

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

Credits: 60 + 4 ECTS

Website: www.techtute.com/us/nursing/hybrid-professional-master-degree/hybrid-professional-master-degree-advanced-practice-nursing

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01 Introduction

Keeping up with advances in Advanced Practice Nursing is a challenge for many professionals. This is due, among other reasons, to the fact that existing programs pay much attention to conceptual aspects and neglect the specific applications of the sector's new working procedures and tools. For this reason, TECH has designed a program that combines both aspects with excellence. The first phase of the degree program, consisting of 1,500 hours, is devoted to the theoretical study of all these advances. This will be followed by a 120-hour intensive on-site stay in a prestigious hospital. From there, the graduate will handle state-of-the-art protocols and devices and assist real patients under the supervision of leading experts.



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Get up to date on the latest Advanced Practice Nursing protocols for the management of cardiological, nephrological and endocrine pathologies”

Today, the nursing staff has acquired greater responsibilities at the clinical level. Under the close supervision of medical specialists, these professionals are in charge of applying diagnostic technologies, performing sutures and minor interventions, monitoring patients undergoing procedures such as dialysis, among others. All these activities require a high level of preparation on their part. However, there are not enough programs in the educational market that delve into the latest knowledge and skills in the healthcare sector.

TECH, aware of this problem, has developed an innovative degree program. This Hybrid Professional Master's Degree in Advanced Practice Nursing is distinguished from other learning courses in the educational panorama by its academic itinerary, divided into two distinct stages. The first of these provides for the theoretical and 100% online study of the most modern concepts in this field of health. The mastery of these aspects is guaranteed through an interactive platform, with audiovisual materials such as videos and infographics. Likewise, the didactic methodology of Relearning will benefit the students through guided repetition of the most important thematic points. On the other hand, each graduate will have total freedom for the learning process since this stage of the pedagogical modality is not subject to rigid schedules or evaluation chronograms.

Then, in the second half of the year, TECH set up a rigorous and comprehensive clinical practice in a renowned hospital center. This intensive, face-to-face stay will last 3 weeks. This period will serve to familiarize nurses with the most advanced technological resources for their professional practice in areas such as Cardiology, Nephrology and Endocrinology. At the same time, you will receive personalized guidance from an adjunct tutor who will help you master all the protocols through dynamic assignments. It will also discuss management and intervention strategies with experienced experts. Upon completion of all the moments of this program, the nurse will be ready to implement all the new features in their daily work practice with the utmost excellence.

This **Postgraduate Hybrid Professional Master's Degree in Advanced Practice 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 Advanced Practice Nursing professionals
- ◆ 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
- ◆ Comprehensive systematized action plans for the main pathologies
- ◆ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ◆ Practical clinical guides on approaching different pathologies
- ◆ 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
- ◆ Furthermore, you will be able to carry out a clinical internship in one of the best hospital centers



Incorporate the characteristics of the most modern diets and techniques of hospital nutrition into your professional practice as a nurse"

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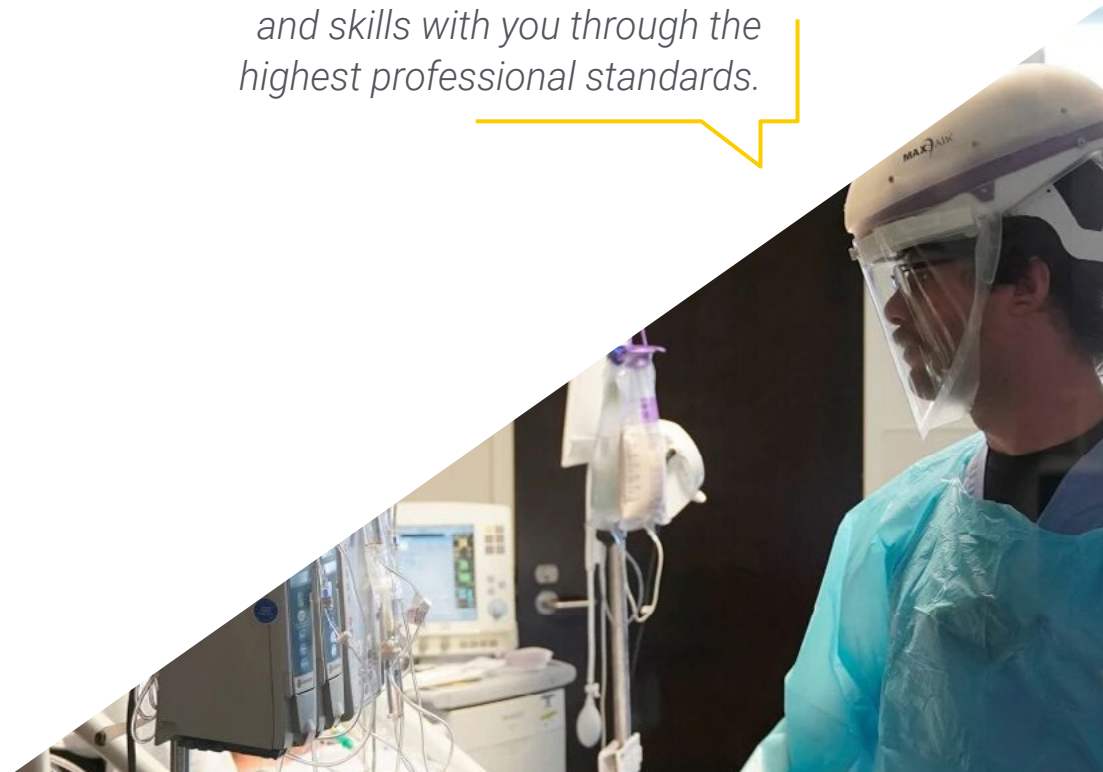
During 3 weeks of clinical practice, you will master the monitoring of cardiac patients according to the most up-to-date propaedeutic manuals”

In this Hybrid Professional Master's Degree proposal, of a professionalizing nature and blended learning modality, the program is aimed at updating the nursing professionals. 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.

Thanks to the multimedia content, developed with the latest educational technology, nursing professionals will benefit from situated and contextual learning, i.e., a simulated environment that will provide immersive learning programmed to specialize 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, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.

This Hybrid Professional Master's Degree is all you need to be up to date on how to evaluate burns from a nursing point of view and proceed with specific cures.

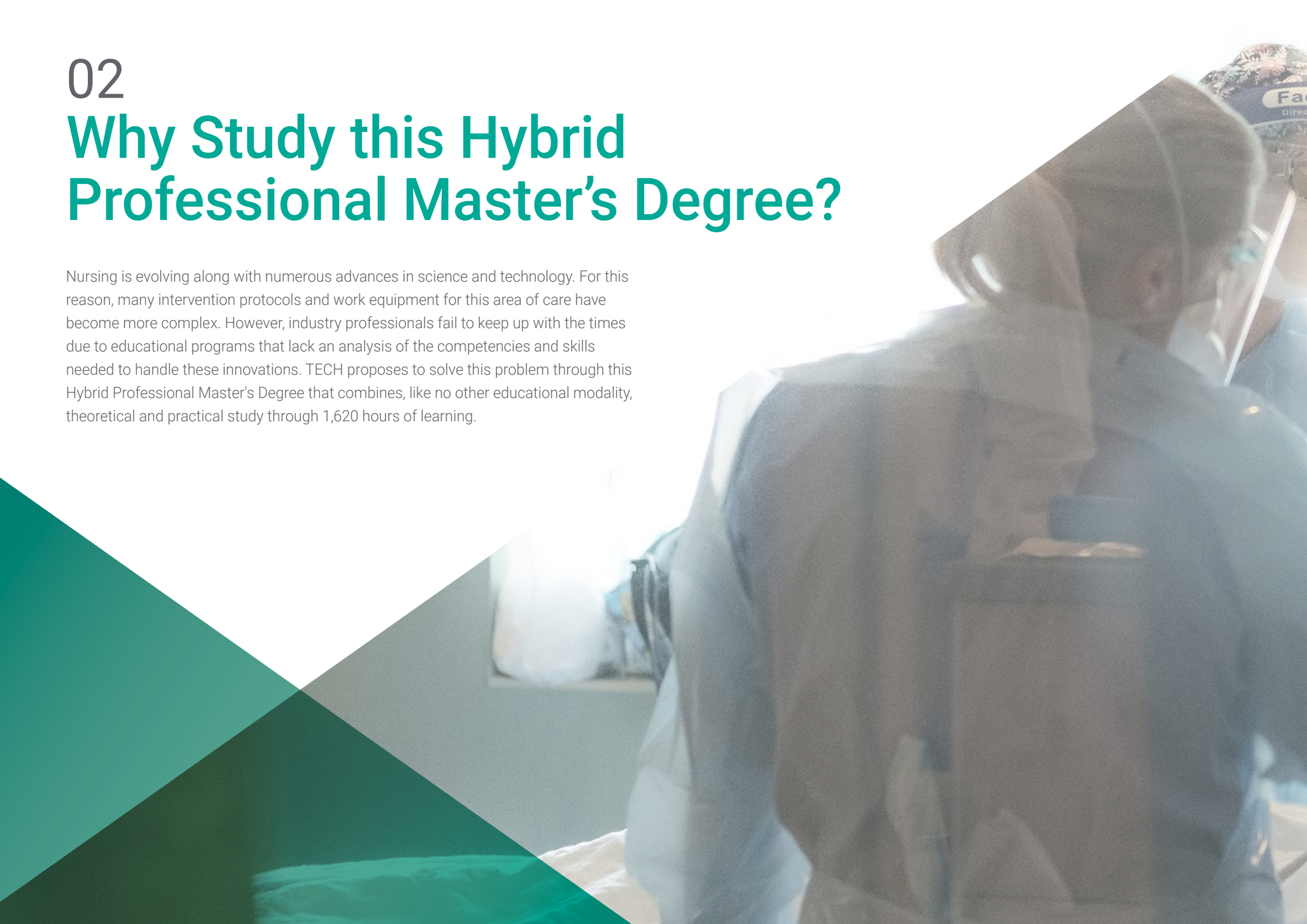
With this program you will have at your fingertips the best experts who will share their experiences and skills with you through the highest professional standards.



02

Why Study this Hybrid Professional Master's Degree?

Nursing is evolving along with numerous advances in science and technology. For this reason, many intervention protocols and work equipment for this area of care have become more complex. However, industry professionals fail to keep up with the times due to educational programs that lack an analysis of the competencies and skills needed to handle these innovations. TECH proposes to solve this problem through this Hybrid Professional Master's Degree that combines, like no other educational modality, theoretical and practical study through 1,620 hours of learning.



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TECH, the world's largest online university provides you with an educational modality that integrates theoretical study from its interactive platform with a first class practical and face-to-face stay"

1. Updating from the Latest Technology Available

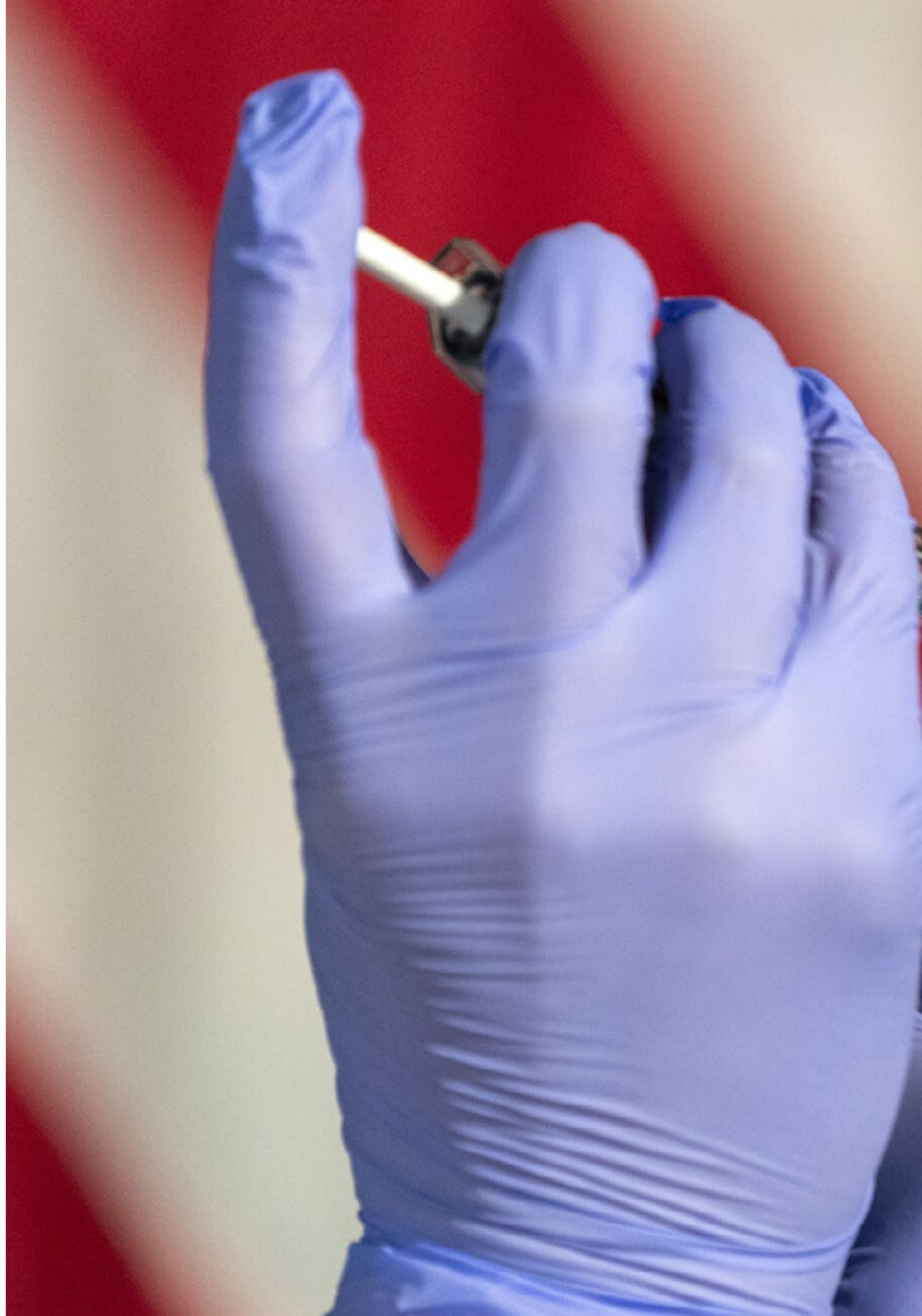
The nursing staff is essential when monitoring cardiac activity in patients with Holter and diagnostic pacemakers. Therefore, it is imperative that they have a thorough understanding of how these devices work. Through this program, TECH graduates will master their most up-to-date functions and will be able to expand their practice according to the most prestigious international standards.

2. Gaining In-depth Knowledge from the Experience of Top Specialists

Nurses who opt for this Hybrid Professional Master's Degree will have the best team of experts at their disposal at all times. First, during the theoretical phase, an internationally renowned faculty will be in charge of driving your learning. Then, in the second half, they will receive direct, face-to-face advice from professionals with extensive experience.

3. Entering First-Class Clinical Environments

The facilities chosen by TECH stand out in the clinical landscape for their state-of-the-art technologies and a team of nurses specialized according to the latest scientific evidence. Through these advantages, the graduate will achieve a comprehensive update that will allow them to stand out in their profession immediately.





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

TECH offers its students a unique academic modality. After completing 1,500 hours of theoretical study, the nurse will have the opportunity to apply this knowledge in real clinical scenarios and with patients who really require the most rigorous healthcare.

5. Expanding the Boundaries of Knowledge

With the premise of broadening the academic horizons of its graduates, TECH has chosen for this Hybrid Professional Master's Degree, hospital internship centers located in different cities. Therefore, professionals will have the opportunity to master different trends according to international standards. This is an option only available to the world's largest digital university.

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

03 Objectives

The itinerary of this Hybrid Professional Master's Degree is an unparalleled academic modality in the educational market. With a total duration of 1,620 hours, most of them are devoted to theoretical learning of the latest advances in Advanced Practice Nursing. In turn, after completing this phase, 3 weeks are dedicated to the intensive classroom application of all the skills covered by means of a rigorous practical stay in a hospital center with optimal conditions for professional practice.





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Improve your skills in vein cannulation and the handling of high-flow hemodialysis equipment through this complete Hybrid Professional Master's Degree"



General Objective

- The general objective of this Hybrid Professional Master's Degree in Advanced Practice Nursing is to specialize professionals on the latest trends in this area. The degree examines more complex specific procedures, which require an updated command of Anatomy, Physiology, Pathology and Pharmacology. In this way, graduates will be able to adapt their profiles and assume higher level care positions, all of them related to innovative topics and supported by the latest scientific evidence



Update your skills Implement nursing procedures for monitoring the patient's cardiac and respiratory activity. throughout the course of this program, students"





Specific Objectives

Module 1. Advanced Practice Nursing

- ◆ Study advanced nursing research in depth
- ◆ Study advanced nursing management
- ◆ Delve into the human aspect of patient care
- ◆ Know the history of advanced nursing practice
- ◆ Analyze clinical administration and accounting

Module 2. Fundamentals of Nursing and Advanced Practice

- ◆ Delve into the fundamentals of the nursing profession
- ◆ Understand nursing processes from an expert perspective
- ◆ Learn how to correctly perform nursing care processes in advanced practice
- ◆ Achieve the necessary knowledge to correctly prescribe medication

Module 3. Advanced Practice in Special Services

- ◆ Employ expert skills in hospital emergency services
- ◆ Know the main action protocols in out-of-hospital emergencies
- ◆ Expertly manage and assist nursing practices in critical care units
- ◆ Manage invasive and non-invasive ventilators at an advanced level
- ◆ Master the materials and drugs necessary to perform anesthetic methods
- ◆ Internalize the main basic and advanced life support guidelines

Module 4. Advanced Practice in Cardiology

- ♦ Delve into the analysis and understanding of ECGs
- ♦ Gain in-depth knowledge of the main diagnostic tests in cardiology
- ♦ Learn the anatomy and physiology of the cardiovascular system at an expert level
- ♦ Learn all invasive techniques in hemodynamics
- ♦ Master cardiac rehabilitation guidelines and exercises

Module 5. Advanced Digestive, Endocrinology and Nutrition Practice

- ♦ Gain advanced knowledge of digestive anatomy and physiology
- ♦ Gain advanced knowledge of hormones and metabolism
- ♦ Skilfully manage enteral and parenteral nutrition
- ♦ Conduct diabetology education consultations

Module 6. Minor Surgery and Dressings

- ♦ Learn advanced techniques in chronic wound care Delve into dressings and vacuum cures
- ♦ Learn procedures in minor dermatological surgery, such as excision of small tumors such as warts and condylomas
- ♦ Master different suture techniques
- ♦ Professionalize the performance of biopsy sample collection

Module 7. Maternal and Child Health

- ♦ Follow up a normal pregnancy
- ♦ Learn how to interpret cardiotocographic records
- ♦ Know the procedures and protocols in cervical cancer prevention Take smear cytology and liquid cytology
- ♦ Delve into obstetric ultrasound
- ♦ Comprehensively manage children in pediatric intensive care
- ♦ Learn neonatal CPR in the delivery room





Module 8. Oncohematology and Palliative Care

- ◆ Know the main drugs used in chemotherapy
- ◆ Internalize the processes of carcinogenesis
- ◆ Gain in-depth knowledge of radiotherapy and its subtypes
- ◆ Learn to master the handling of central catheters. Learn how to place a PICC line
- ◆ Learn how to manage patient and family at the end of life
- ◆ Know how to use and administer hematopoietic progenitor transplants

Module 9. Nephrourology

- ◆ Master advanced nephrourological anatomic-physiology
- ◆ Manage the different types of dialysis
- ◆ Learn how to cannulate dialysis accesses
- ◆ Know the main techniques used in incontinence rehabilitation
- ◆ Gain in-depth knowledge of bladder re-education
- ◆ Know how to interpret urinalysis, which ones should be requested and when

Module 10. Approach to Mental Health Problems in Primary Care

- ◆ Evaluate the main mental health diagnoses based on the DSM-5 manual
- ◆ Learn how to analyze the needs of patients with mental health problems from a primary care perspective
- ◆ Use the main techniques of mental health therapies
- ◆ Carry out follow-up and rehabilitation strategies in psychiatric patients
- ◆ Demystify the taboos and social stigmatization suffered by people with psychiatric pathologies
- ◆ Acquire the necessary skills to manage a day center for people with mental illnesses

04 Skills

All phases of this program will lead the nurse to the highest professional excellence. After the theoretical and practical study of all the advances in Nursing, you will be ready to undertake more complex tasks and implement the most complex procedures and technologies in your daily work environment.



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Finish this Hybrid Professional Master's Degree with a sharp mastery of all the skills necessary to perform an in-depth clinical assessment of the pediatric patient and its corresponding communication to the medical staff"



General Skills

- ♦ Establish the difference between specialist nurses and advanced practice nurses and understand the relevance and the need for such professionals in a constantly changing society, while considering the changes in what the current population demands in terms of health care
- ♦ Know the professional opportunities of this "super specialization" and its scope of application
- ♦ Delve into specialized areas where advanced practice nursing is greatly relevant, such as teaching, research and high-level practices in all health branches
- ♦ Supervise and coordinate nursing teams by establishing recommendations that prove beneficial to the health care practice these professionals provide





Specific Skills

- ♦ Provide advanced management to patients with chronic pathologies
- ♦ Possess advanced knowledge in the management of complex clinical cases
- ♦ Carry out an advanced management of nursing assessment, developing a clinical nursing judgment to optimize care
- ♦ Approach nursing care in patients with chronic pathology, knowing the most current recommendations and precautions to be taken in these cases
- ♦ Identify triage systems both at an outpatient and inpatient levels to guarantee rapid, efficient and adequate care in each case
- ♦ Develop an adequate nursing practice in situations declared catastrophic, as well as in any other type of scenario in which basic knowledge of situation management and specific nursing techniques are required
- ♦ Manage various techniques, procedures and diagnostic tests for patients with cardiac and hemodynamic nursing
- ♦ Develop the best treatment for wound healing, based on available scientific evidence
- ♦ Apply the most current neonatal resuscitation maneuvers and techniques, such as the use of ventilation systems in the delivery room
- ♦ Gain advanced management skills for the main opioid drugs and their different administration routes, as well as the main adverse effects
- ♦ Delve into the interpretation of urinary analysis through the study of the sediment under the microscope and its relation the patient's clinical situation
- ♦ Conduct optimal interviews to establish the diagnosis and individualized treatment for each patient in the area of mental disorders



The skills you acquire during this program will make you a prestigious nurse, recognized for your mastery of the most modern care resources"

05 Course Management

TECH has convened a faculty of excellence for this degree. All of the chosen experts have a broad mastery of the latest trends in Advanced Practice Nursing. Their professional career is supported by research, publications and scientific communications. Throughout the theoretical stage of this Hybrid Professional Master's program, the graduate will be offered a personalized learning guide, aimed at clarifying doubts and concepts of interest. With the guidance of these teachers, the student will burn through stages and achieve academic goals more quickly and flexibly.



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TECH faculty members have the most up-to-date knowledge regarding nursing staff competencies in oncopathology and palliative care"

Management



Ms. Alonso Díaz, Verónica

- ♦ Nurse Practitioner in Primary Care
- ♦ Advanced Practice Nurse in the Community of Madrid
- ♦ Head of Nursing CAP Santa Isabel
- ♦ Head of Nurse at CAP Cuzco
- ♦ University Diploma in Nursing., Escuela Universitaria Cruz Roja, associated to UAM



Mr. Jiménez Vales, Luis

- ♦ Nurse specialized in Obstetrics and Gynecology
- ♦ Nurse in the area of Donors and Blood Bank, Fundación Jiménez Díaz, Madrid
- ♦ Pediatrics EIR Teaching Coordinator, CTO Nursing Group
- ♦ Teaching coordinator of Oncohematology and Pain EIR, CTO Nursing Group
- ♦ Diploma in Nursing from the Autonomous University of Madrid.
- ♦ Specialist in Gynecology and Obstetrics, Gregorio Marañón General University Hospital, Madrid
- ♦ Higher Technician Specialist in Clinical Diagnostic Laboratory, IES SIGLO XXI

Professors

Ms. Fernández Rivas, Irene

- ◆ Nurse specialist in Family and Community Nursing, Severo Ochoa Hospital, Leganés
- ◆ Nurse in adult consultation, Peña Prieta Health Center
- ◆ Nurse on the COVID floor and in internal medicine, Rey Juan Carlos Hospital, Móstoles
- ◆ Degree in Nursing from the Complutense University of Madrid
- ◆ Master's Degree in Nursing Care, Procedures and Clinical Applications, San Antonio Catholic University

Ms. Casas Reche, Almudena

- ◆ Geriatric Nurse Practitioner and Sports Injury Expert
- ◆ Nurse at Forus
- ◆ Nurse at the Nuestra Señora de Montserrat Nursing Home
- ◆ Nurse at Santa Isabel Health Center
- ◆ Graduate in Nursing from Rey Juan Carlos University
- ◆ University Specialist Out-Patient Emergency Nursing, University Rey Juan Carlos, Alcorcón
- ◆ Postgraduate Diploma in Physical Activity and Sport Nurses from the Complutense University of Madrid

Ms. Amores Ordóñez, Cristina

- ◆ Primary Care Nurse at the Santa Isabel Health Center
- ◆ Nurse in the Traumatology and Geriatrics Unit, Severo Ochoa University Hospital
- ◆ Nurse in the Psychiatry and Eating Disorders Unit, Quirón Madrid Hospital
- ◆ Diploma in Nursing, Francisco de Vitoria University
- ◆ Expert in International Cooperation and Health Promotion, Francisco de Vitoria University
- ◆ Expert in Family and Community Nursing Updates at the Universidad Autónoma de Madrid

Ms. Somoza Jiménez, Isabel

- ◆ Primary Care Nurse
- ◆ Degree in Nursing, CEU San Pablo University
- ◆ Expert in Emotional Development and Parenting by La Catholic University of Avila
- ◆ University Expert in Nursing Processes and Interventions for Pediatric Patients in Common Hospitalization Situations, Catholic University of Avila
- ◆ Course in Leadership of the future: Advanced Practice Nursing
- ◆ Certification for indication, use and authorization of dispensing of drugs and medical devices for nursing professionals
- ◆ Course in Nursing Clinical Electrocardiography

06

Educational Plan

This TECH syllabus brings together all the advances related to Advanced Practice Nursing. In its academic modules, a thorough review is made of all the techniques and equipment that are now available to these professionals. Its applications in areas such as Cardiology, Nephrology, Oncology and Endocrinology are also examined. At the same time, it delves into the protocols that the nurse must know to provide first-level maternal and infant care. All the topics of this program are covered in the best learning platform, 100% online and interactive, accompanied by multimedia resources such as videos and infographics.





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Relearning will allow you to consolidate the knowledge of this Hybrid Professional Master's Degree with greater speed and rigor than any other teaching methodology in the educational panorama"

Module 1. Advanced Practice Nursing

- 1.1. Advanced Practice Nursing
- 1.2. Development of Advanced Practice Nursing
- 1.3. Present and Future
- 1.4. Scope of Application
- 1.5. Career Opportunities
- 1.6. APN in Research
- 1.7. APN in Teaching: PhD
- 1.8. APN in Management
 - 1.8.1. Clinical Financial Management
 - 1.8.2. Primary Care Center (PCC) Management
 - 1.8.3. Hospital Management
- 1.9. APN in Spanish-Speaking Countries
- 1.10. APN Clinical Practice Application

Module 2. Fundamentals of Nursing and Advanced Practice

- 2.1. Theories and Models in EPA
 - 2.1.1. Conceptual Modeling
 - 2.1.2. Theories
- 2.2. Evidence-Based Nursing (EBN)
 - 2.2.1. Origin and Evolution
 - 2.2.2. Theoretical Framework
 - 2.2.3. EBN Today: Clinical Implications
 - 2.2.4. Main Factors Favoring the Application of EBN
 - 2.2.5. Barriers to the Application of EBN
- 2.3. Developing Advance Care Plans
 - 2.3.1. Nursing Care Processes (NCP)
 - 2.3.2. Classification and Elaboration of Advanced Nursing Care Plans





- 2.4. Advanced Practice in Patient Assessment
 - 2.4.1. Assessment Process
 - 2.4.1.1. Obtaining Results
 - 2.4.1.2. Data Organization: Functional Health Patterns
 - 2.4.1.3. Data Validation
- 2.5. Nursing Diagnoses
 - 2.5.1. Concept and Evolution of Nursing Diagnoses
 - 2.5.2. Differences between Nursing and Medical Diagnoses
 - 2.5.3. Nursing Diagnoses
 - 2.5.4. Classification of NANDA Diagnoses
 - 2.5.5. Components of a Nursing Diagnosis
 - 2.5.6. Types of Nursing Diagnoses
 - 2.5.7. Nursing Diagnosis Statement
 - 2.5.8. Nursing Diagnosis Management
 - 2.5.9. Diagnostic Accuracy
 - 2.5.10. Most Frequent Errors in Diagnostic Judgment
 - 2.5.11. Recommendations to Correctly Establish Nursing Diagnoses
- 2.6. Therapeutic Judgment in Nursing
 - 2.6.1. Education
 - 2.6.2. Implementation
 - 2.6.3. Assessment
- 2.7. Advanced Practice in Patients with Chronic Pathology
- 2.8. Nursing in Case Management
 - 2.8.1. Competencies of Nursing Case Managers
- 2.9. Nurse Prescriptions
- 2.10. Supervising and Coordinating Nursing Teams
 - 2.10.1. Leadership Styles
 - 2.10.2. Recommendations for Supervising and Coordinating Nursing Teams

Module 3. Advanced Practice in Special Services

- 3.1. Advanced Hospital Triage Systems
- 3.2. Advanced Procedures and Techniques in Hospital Emergency Departments
- 3.3. Advanced Out-of-Hospital Triage Systems
- 3.4. Advanced Medical Transportation
- 3.5. Nursing Techniques and Procedures in Out-of-Hospital Emergencies
- 3.6. Advanced Management of Polytraumatized Patients
- 3.7. Advanced Management of Patients in Major Disasters
- 3.8. Advanced Practice in Critically Ill Patients
- 3.9. Mechanical Ventilation
- 3.10. Advanced Practice Nursing in Anesthesia and Resuscitation

Module 4. Advanced Practice in Cardiology

- 4.1. Advanced ECG for Nursing
- 4.2. Pacemaker and Holter
- 4.3. Patient Management in the Coronary Care Unit
- 4.4. Role of Nursing Professionals in Hemodynamics
- 4.5. Cardiac Surgery
- 4.6. Nursing Interventions in Cardiological Diagnostic Tests
 - 4.6.1. Echocardiogram
 - 4.6.2. Ergometry
 - 4.6.3. Tilting Bed
 - 4.6.4. Ankle-Brachial Index (ABI) Doppler
- 4.7. Advanced Drug Management in Cardiology
- 4.8. Cardiology Nursing Techniques and Procedures
- 4.9. Nursing in Cardiopathy Patient Rehabilitation
- 4.10. Continuity of Care in Patients with Cardiopathies

Module 5. Advanced Digestive, Endocrinology and Nutrition Practice

- 5.1. Semiology and Examination of the Digestive Tract
- 5.2. Special Nasogastric Probes
- 5.3. Advanced Management of Enteral Nutrition
- 5.4. Advanced Management of Parenteral Nutrition
- 5.5. Advanced Diet Therapy
 - 5.5.1. Advanced Nutritional Assessment
- 5.6. Diabetic Education
 - 5.6.1. Injection Techniques and Common Errors
 - 5.6.2. Continuous Glucose Monitoring Systems
- 5.7. Ostomies
- 5.8. Advanced Practice Nursing in Digestive Surgery
- 5.9. Nursing Competencies in Digestive System Diagnostic Tests
- 5.10. Advanced Practice in Oral Health

Module 6. Minor Surgery and Dressings

- 6.1. Types of Wounds
- 6.2. Complex Chronic Wounds
- 6.3. Advanced Practice Nursing in Chronic Complex Wound Care
- 6.4. Debridement Techniques
- 6.5. Advanced Burn Management
- 6.6. Negative Pressure Therapy
- 6.7. Incision with Drainage, Skin and Subcutaneous Tissue Biopsy
- 6.8. Treating Warts, Molluscum Contagiosum and Papillomas
- 6.9. Extraction of Foreign Bodies
- 6.10. Sutures

Module 7. Maternal and Child Health

- 7.1. Obstetric Ultrasound
- 7.2. Cardiotocographic Recording
- 7.3. Out-of-Hospital Birth
- 7.4. Diagnostic Techniques in Gynecologic Cancers
- 7.5. Application of Contraceptive Treatments
- 7.6. Neonatal Assessment and Resuscitation Maneuvers in the Delivery Room
- 7.7. Neonatal Extracorporeal Membrane Oxygenation (ECMO)
- 7.8. Neonatal Mechanical Ventilation
- 7.9. Pediatric Intensive Care
- 7.10. Catheter Insertion in Pediatrics

Module 8. Oncohematology and Palliative Care

- 8.1. Chemotherapy
- 8.2. Radiotherapy
 - 8.2.1. External
 - 8.2.2. Brachytherapy and Intracavitary
 - 8.2.3. Systemic Coaching
- 8.3. Central Catheter with Subcutaneous Reservoir: Hickman Catheter
- 8.4. Peripherally Inserted Central Catheter (PICC): Midline Catheter
- 8.5. Oncologic Emergencies
- 8.6. Special Care for Patients Undergoing Oncologic Treatment
 - 8.6.1. General Adverse Effects
 - 8.6.2. Mucositis
 - 8.6.3. Nausea and Vomiting
 - 8.6.4. Skin and Appendages Alterations
- 8.7. Advanced Management of Analgesic Pharmacotherapy in Oncologic Pain
- 8.8. Hematopoietic Progenitor Transplantation
- 8.9. Hemoderivatives
- 8.10. Advanced Palliative Care
 - 8.10.1. End-of-Life Care: Grief Management
 - 8.10.2. Family Care

Module 9. Nephrourology

- 9.1. Urinary and Renal System Exploration
- 9.2. Advanced Diagnostic Techniques in Nephrourology
- 9.3. Urinalysis and Urinary Sediment Interpretation
- 9.4. Bladder Catheterization
- 9.5. Using Drugs and Invasive Treatments in the Urinary System
- 9.6. Urinary Incontinence
 - 9.6.1. Effort
 - 9.6.2. Urgent Urination
 - 9.6.3. Overflow
- 9.7. Bladder Re-education Techniques
- 9.8. Hemodialysis
- 9.9. Vascular Accesses for Dialysis
- 9.10. Peritoneal Dialysis

Module 10. Approach to Mental Health Problems in Primary Care

- 10.1. Prevalence of Mental Disorders
- 10.2. Normal Anxiety vs. Pathology
- 10.3. Classifications, Diagnostic Criteria and Differential Diagnostics
- 10.4. Pharmacological Treatment
- 10.5. Emergency Management
- 10.6. Non-Pharmacological Treatment: Psychotherapy and Medicinal Herbs
- 10.7. ADHD
- 10.8. Semi-Structured Interview and Scales
- 10.9. Other Disorders that Can Be Approached from Primary Care: Autism Spectrum Disorder (ASD) and Acceptance Commitment Therapy (ACT)
- 10.10. Advice for Patients and Care Plans

07

Clinical Internship

Upon completion of the online stage, this Hybrid Professional Master's Degree gives way to an intensive face-to-face clinical practice. From this academic framework, the nurse will be able to apply in a real and direct way all the knowledge approached in a theoretical way in the previous didactic moment. In this way, you are guaranteed to update your skills in a more rigorous and demanding manner.





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This academic proposal from TECH will open the doors of a hospital center of international prestige, where you will expand your skills as a nurse"

The Internship of this Hybrid Professional Master's Degree will have a duration of 3 weeks. These learning days will be distributed from Monday to Friday, over 8 consecutive hours. From that moment on, the nurse will have the opportunity to apply in real patients all the procedures analyzed theoretically. You will acquire more advanced notions about the scope of the most modern equipment and the latest protocols.

You will also have the opportunity to discuss directly with leading experts on the implementation of the latest strategies. In turn, an assistant tutor will supervise their progress and integrate more complex tasks into the educational dynamic. Thanks to this personalized and direct advice, the graduate will achieve the learning objectives with full guarantees.

The practical part 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 learners 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 form the basis of the practical part of the internship, and their implementation is subject to both the suitability of the patients and the availability of the center and its workload, with the proposed activities being as follows:





| Module | Practical Activity |
|--|--|
| New Management of Advanced Practice Nurses in Nephrology | Operate high-flow hemodialysis equipment and connective techniques |
| | Apply the principles of organization of a dialysis room |
| | Use the Latest Protocols Needed During the Hemodialysis Session |
| | Manage nursing care to improve the development and survival of native and prosthetic arterio-venous fistulae |
| | Deploy hygienic and medication management, as well as the promotion of self-care in the hypertensive patient and the management of comorbidities |
| | Implement the Records and Clinimetrics in the Care Model |
| Current Maternal and Child Health Protocols in Advanced Practice Nursing | Define, classify, evaluate clinical manifestations and report them to the medical staff |
| | Provide advice to family members for early stimulation of their children's development. development of their children |
| | Perform nursing procedures such as bladder catheterization, lumbar puncture and others |
| | Collection of urine specimen for collection and performance of urine tests |
| | Participate in the performance of radiological examinations, such as CT scans, ultrasound scans, among others, taking into account the physical and psychological characteristics of the pediatric age |
| | Identify feeding and nutrition problems in neonates |
| Advanced Practice Nursing in Digestive Tract, Endocrinology and Nutrition | Identify nutritional behavior in dyslipidemia and arteriosclerosis |
| | Discuss with physicians about nutritional treatment in Diabetes Mellitus |
| | Discern the DASH diet and prescribe it as a treatment for patients with cardiovascular disease |
| | Observe and identify obesity and determine its dietary or surgical treatment |
| | Analyze nutritional behavior in glomerular disorders and tubulopathies at different ages |
| | Apply dietary guidelines for adults with chronic kidney failure and on dialysis |
| | Managing nutritional trends in gout and hyperuricemia |
| Nursing of Advanced Practice in Cardiology | Implement nursing procedures for monitoring the patient's cardiac and respiratory activity |
| | Handle invasive (pacemaker and Holter) and non-invasive (Echocardiogram, Ergometry, among others) monitoring equipment |
| | Participate in cardioversion and defibrillation procedures |
| | Perform the necessary nursing care in percutaneous coronary intervention, placement of aortic counterpulsation balloon and application of temporary pacemaker |

Civil Liability Insurance

This institution's main concern is to guarantee the safety of the learners 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. TUTORIAL: 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?

This Hybrid Professional Master's Degree is designed for 120 hours of intensive and immersive face-to-face learning of the most up-to-date competencies in the field of Advanced Practice Nursing. Through this educational period, the professional will have access to a state-of-the-art hospital facility, equipped with the best care devices and a staff of highly experienced experts. Therefore, the graduate will have the opportunity to expand their skills, according to the latest scientific evidence, in a direct and immersive way, caring for real patients from day one.





“

Acquire a rigorous and exhaustive update of your competencies through this Hybrid Professional Master's Degree in Advanced Practice Nursing”



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



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
- Spine Surgery



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
- MBA in Hospital and Health Services Management



Nursing

Hospital HM Rosaleda

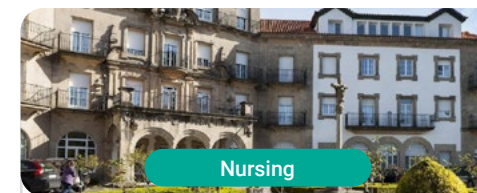
| | |
|---------|-----------|
| Country | City |
| Spain | La Coruña |

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 La Esperanza

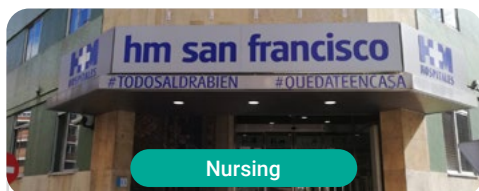
| | |
|---------|-----------|
| Country | City |
| Spain | La Coruña |

Address: Av. das Burgas, 2, 15705, Santiago de Compostela, A Coruña

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

Related internship programs:

- Oncology Nursing
- Clinical Ophthalmology



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

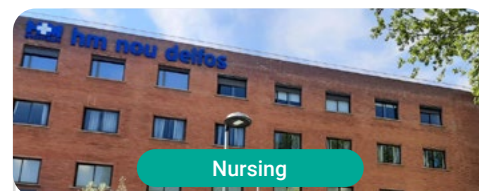
| | |
|---------|------|
| Country | City |
| Spain | León |

Address: Calle Cardenal Landázuri, 2, 24003, León

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

Related internship programs:

- Psychiatric Treatments Update in Minor Patients



Nursing

Hospital HM Nou Delfos

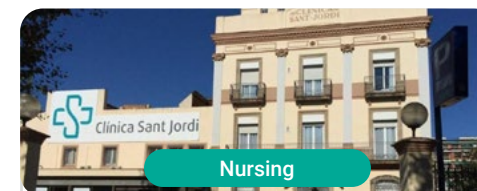
| | |
|---------|-----------|
| Country | City |
| Spain | Barcelona |

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



Nursing

Hospital HM Sant Jordi

| | |
|---------|-----------|
| Country | City |
| Spain | Barcelona |

Address: Plaza de la estación, 12, 08030, Barcelona

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

Related internship programs:

- MBA in Hospital and Health Services Management
- Hospital Nursing



Nursing

Hospital HM Nens

Country: Spain City: Barcelona

Address: C. del Consell de Cent, 437, 08009, Barcelona

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

Related internship programs:

- Hospital Nursing
- MBA in Hospital and Health Services Management



Nursing

Hospital HM Madrid

Country: Spain City: 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



Nursing

Hospital HM Montepíncipe

Country: Spain City: 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



Nursing

Hospital HM Torrelodones

Country: Spain City: 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



Nursing

Hospital HM Sanchinarro

Country: Spain City: 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



Nursing

Hospital HM Nuevo Belén

Country: Spain City: 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

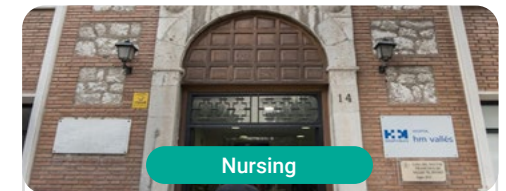
Country: Spain City: Madrid

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



Nursing

Hospital HM Vallés

Country: Spain City: 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



Hospital HM Málaga

Country: Spain
City: Malaga

Address: Av. de Carlos Haya, 121,
29010, Málaga

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

- Related internship programs:**
- Hospital Nursing
 - MBA in Hospital and Health Services Management



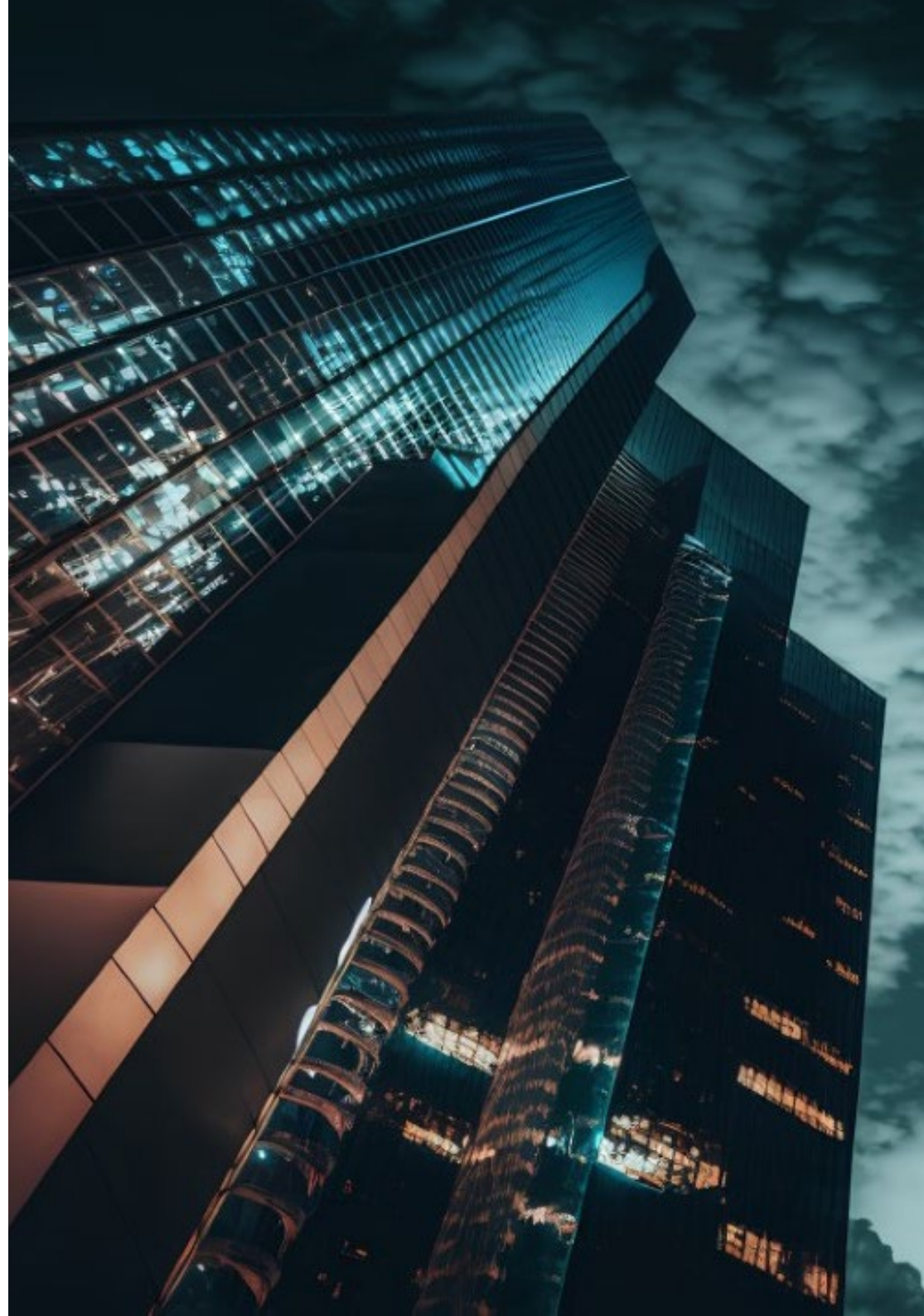
Hospital HM El Pilar

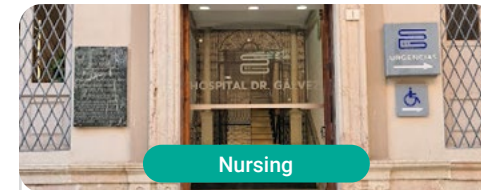
Country: Spain
City: Malaga

Address: Paseo de Sancha, 15,
29016, Málaga

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

- Related internship programs:**
- Clinical, Medical and Welfare Management
 - MBA in Hospital and Health Services Management





Hospital HM Gálvez

| | |
|---------|--------|
| Country | City |
| Spain | Malaga |

Address: Calle San Agustín, 1,
29015, Málaga

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

Related internship programs:

- MBA in Hospital and Health Services Management
- Hospital Nursing



Hospital HM Santa Elena

| | |
|---------|--------|
| Country | City |
| Spain | Malaga |

Address: Urbanización Los Alamos, C.
Sardinero, s/n, 29620, Torremolinos, Málaga

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

Related internship programs:

- Clinical, Medical and Welfare Management
- MBA in Hospital and Health Services Management

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.



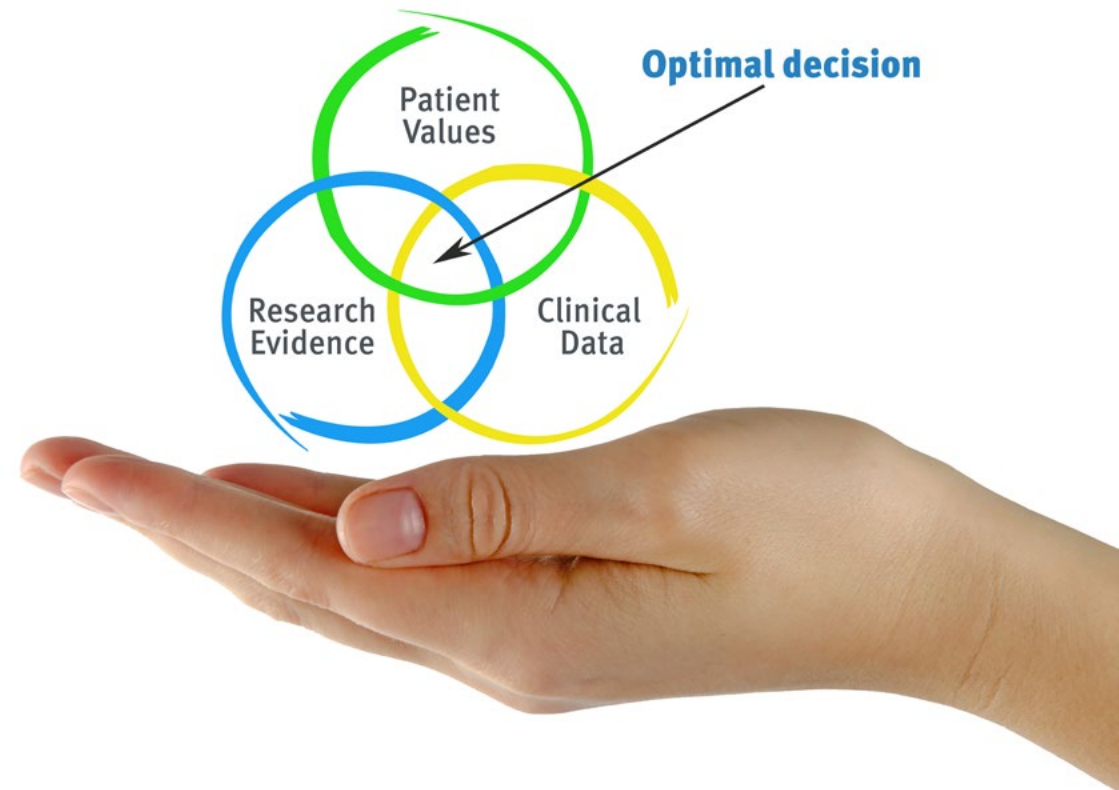
“

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.

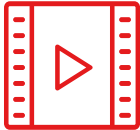
Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

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

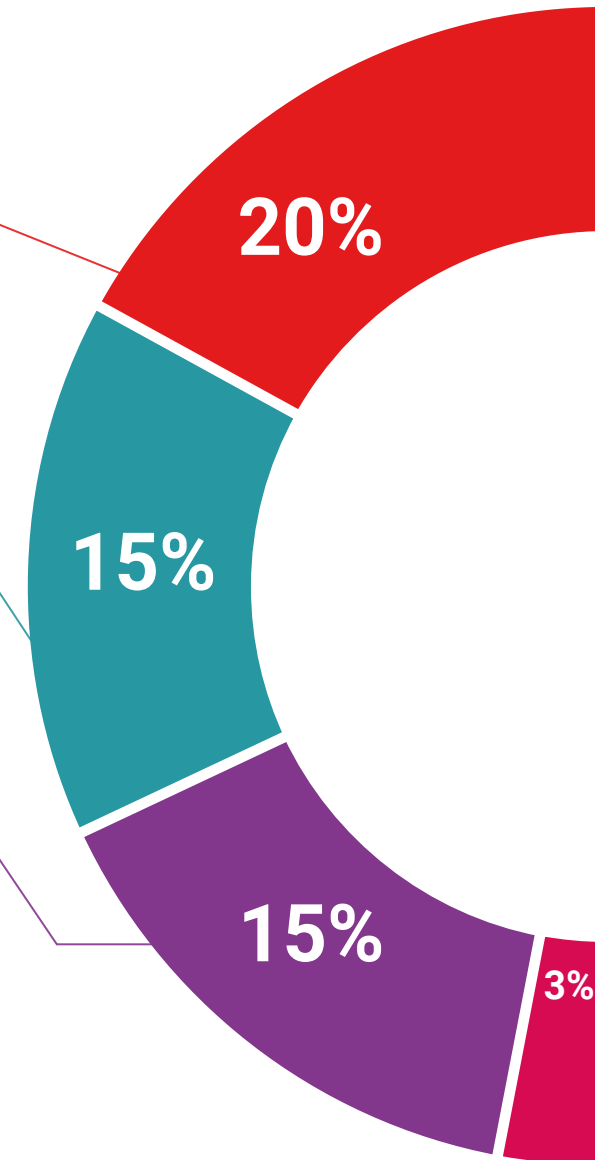
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

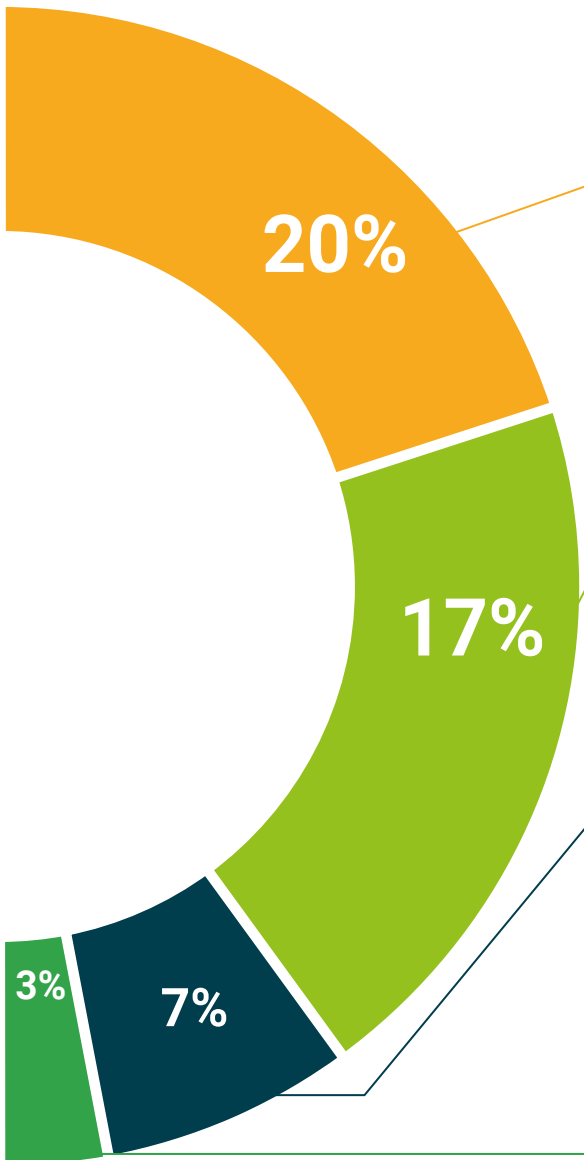
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 Advanced Practice 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 private qualification will allow you to obtain a **Hybrid Professional Master's Degree in Postpartum for Midwives** 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.



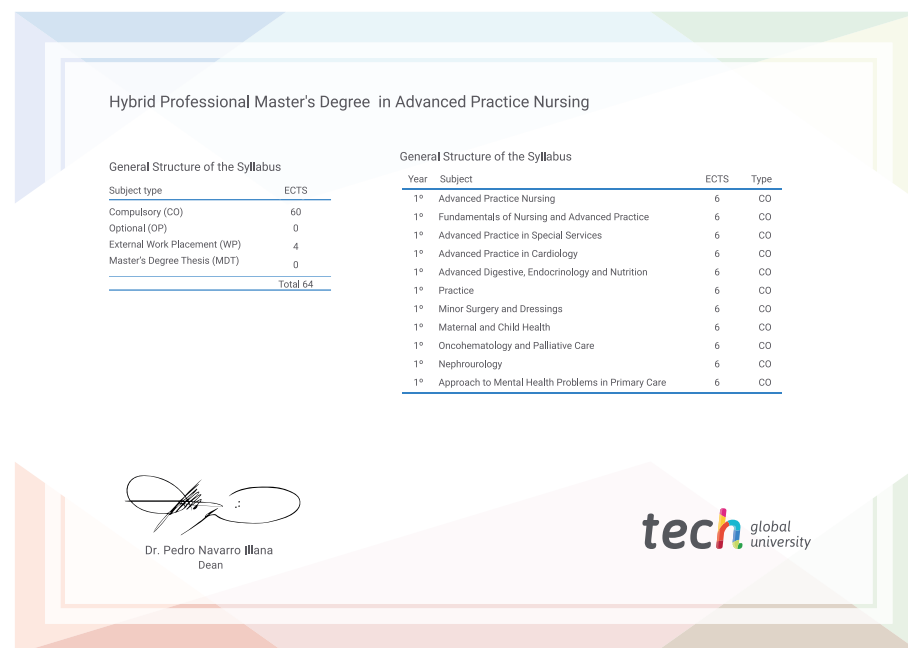
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Hybrid Professional Master's Degree in Advanced Practice Nursing**

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

Duration: **12 months**

Accreditation: **64 ECTS**



*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 language
virtual classroom



Hybrid Professional Master's Degree

Advanced Practice Nursing

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

Credits: 60 + 4 ECTS

Hybrid Professional Master's Degree

Advanced Practice Nursing

