

# Professional Master's Degree Nursing in Internal Medicine



## Professional Master's Degree Nursing in Internal Medicine

Course Modality: Online

Duration: 12 months

Certificate: TECH Technological University

Official N° of hours: 1,500 h.

Website: [www.techtute.com/pk/nursing/professional-master-degree/master-nursing-internal-medicine](http://www.techtute.com/pk/nursing/professional-master-degree/master-nursing-internal-medicine)

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01

# Introduction

The evolution of nursing procedures, together with advances in medical technology, make it essential for nursing professionals working in internal medicine services to constantly update their knowledge, in order to provide care based on the latest scientific evidence. This program allows the professional to update their knowledge in a practical way and adapting to their needs.





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*New scenarios in internal medicine units push us to propose new specialization programs that meet the real needs of experienced nurses, so that they can incorporate new advances into their daily practice"*

Within a healthcare context, social evolution requires care centers to be more competitive and oriented to improving the care response given to the patient. The volume of these changes and the speed with which they occur create a need for qualified professionals, trained in the right skills and who are capable of responding to the new changes by providing expert care.

The specialty of Internal Medicine has a very broad and innovative field of action. With the introduction of new technologies in the detection of pathologies, their attention and the necessary care for each process, the nursing professional is a key element in the multidisciplinary approach in each and every one of its aspects.

The Professional Master's Degree in Nursing in Internal Medicine is oriented to updating the nursing professional's knowledge, bringing theoretical knowledge closer to practical work. This is of vital importance the professional qualification in this area for all health professionals working within the Health System.



*With this Professional Master's Degree you can update your knowledge of patient care in internal medicine, improve the prognosis and reduce sequelae and complications"*

This **Professional Master's Degree in Nursing in Internal Medicine** contains the most complete and up-to-date program on the market. The most important features include:

- ◆ Clinical cases presented by nursing professionals who are experts in patient care in internal medicine
- ◆ The graphic, schematic, and eminently practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ◆ Assessing and monitoring the patient, caring for patients with cardiovascular, respiratory, endocrinometabolic pluri-pathology etc.
- ◆ Comprehensive systematized action plans for the main pathologies in the internal medicine unit
- ◆ Presentation of practical workshops on procedures, diagnosis, and treatment techniques in pluri-pathological 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
- ◆ Special emphasis on test-based medicine and research methodologies in internal medicine
- ◆ All of this will be complemented by theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ Availability of content from any fixed or portable device with internet connection

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*This Professional Master's Degree may be the best investment you can make in the selection of an up-to-date program for two reasons: in addition to updating your knowledge in Nursing in Internal Medicine, you will obtain a qualification from TECH Technological University"*

In this Professional Master's Degree the program is aimed at updating the knowledge of nursing professionals who perform their work in internal medicine 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 training program to train in real situations.

The design of this program focuses on problem-based learning means of which the student 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 internal medicine units who also have extensive teaching experience.

*This Professional Master's Degree offers training in simulated environments which provides an immersive learning experience designed to train for real-life situations.*

*It includes clinical cases to bring the program's degree as close as possible to the reality of care in Nursing.*



# 02 Objectives

This program is oriented towards effectively updating the physician's knowledge of Nursing Professionals, in order to provide quality care based on the latest scientific evidence that guarantees patient safety.







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*This refresher program will generate a sense of security when practising nursing, which will help you grow both personally and professionally”*



## General Objective

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- Update the nursing professional's knowledge of procedures and interventions to be able to give appropriate care to patients in an internal medicine hospital unit. The aim of this is to improve prognosis, avoid sequelae and improve the patient's quality of life



*Our goal is to achieve academic excellence and to help you achieve it too"*





## Specific Objectives

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- ◆ Describe the Internal Medicine Service and its organization
- ◆ Gain up-to-date knowledge of the nursing procedures for comprehensive assessment of the patient
- ◆ Explain the most relative illnesses and types of care in Internal Medicine
- ◆ Assess the importance of the proper use of the nursing record in the internal medicine service, and describe the implementation procedures
- ◆ Gain up-to-date knowledge on expert nursing care related to the safety of the patient
- ◆ Identify the clinical changes in different situations
- ◆ Describe nursing care before and after diagnostic procedures and techniques in the internal medicine inpatient unit
- ◆ Recognize the necessary resource material for performing the different
- ◆ diagnostic and therapeutic tests
- ◆ Identify measures that contribute to the prevention of nosocomial infections
- ◆ Identify the most common health problems in chronic illnesses
- ◆ Gain up-to-date knowledge of the complications that can appear in diabetes to be able to anticipate them and avoid their occurrence, or to know how to act if they do occur
- ◆ Explain the lifestyle changes that a person with diabetes should make to gain control of the disease
- ◆ Identify which risk factors we can change and how to change them
- ◆ Incorporate action procedures for dealing with certain illnesses associated with metabolic syndrome into daily practice
- ◆ Describe the technique of arterial blood gas analysis in the bedridden patient
- ◆ Explain the patient use of inhalers and their effectiveness in each case
- ◆ Identify the emergency situations in patients with VTE and gain up-to-date knowledge on the action procedures for dealing with them

# 03 Skills

After passing the evaluations of the Professional Master's Degree in Nursing in Internal Medicine, the nursing professional will have acquired the professional competencies necessary for quality and up-to-date nursing care based on the latest scientific evidence.





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*Through this program you will be able to update your knowledge of nursing care for patients in internal medicine services and you will be able to provide quality care to critical patients, based on the latest scientific evidence”*

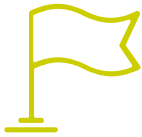


## General Skills

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- ◆ Possess and understand knowledge that provides a basis or opportunity to be original in the development and/or application of ideas, often in a research context
- ◆ Know how to 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
- ◆ Know how to communicate conclusions, knowledge, and supporting arguments to specialized and non-specialized audiences in a clear and unambiguous way
- ◆ 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

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- ♦ Develop the professional nursing functions in the internal medicine services
- ♦ Perform nursing procedures in the comprehensive assessment of the patient based on the latest scientific evidence
- ♦ Explain the most relative illnesses and types of care in Internal Medicine
- ♦ Integrate the nursing record into daily practice in an internal medicine unit
- ♦ Integrate nursing care which guarantees patient safety into daily practice
- ♦ Recognise the signs and symptoms of the common pathologies in internal medicine services
- ♦ Relate nursing care to each one of the diagnostic and therapeutic actions which are performed in internal medicine
- ♦ Identify which resources and material equipment are necessary for performing the different diagnostic and therapeutic tests
- ♦ Plan the measures that contribute to the prevention of nosocomial infections
- ♦ Describe the complications of diabetes mellitus and design actions for their prevention
- ♦ Explain the lifestyle changes that a person with diabetes should make to gain control of the disease
- ♦ Identify the risk factors of the most common pathologies in internal medicine
- ♦ Explain the main signs and symptoms of metabolic syndromes
- ♦ Integrate the technique of arterial blood gas analysis in a hospitalized patient
- ♦ Explain to the patient how inhalation treatments work so that they can administer them independently
- ♦ Recognise the signs and symptoms of emergency situations of VTE and determine the actions to take in dealing with these situations



*Make the most of the opportunity and take the step to get up to date with the latest developments in Nursing in Internal Medicine"*

# 04

# Course Management

These materials have been created by a team of professionals who are experts in nursing patient care, working in the main hospital centers and in most important internal medicine services in the country, bringing to the program the experience they have gained throughout their careers.







“

*Learn about the latest advances in nursing care in internal medicine from leading professionals”*

## Management



### Dr. Ródenas Giménez, María Asunción

- ♦ Diploma in Nursing
- ♦ Master's Degree in Nursing Sciences, University of Alicante, Spain
- ♦ Head of Department in Internal Medicine Services at Elche University General Hospital, Alicante, Spain
- ♦ Member of the Thrombosis and Hemostasis Commission and of the clinical research team in the Internal Medicine Service of the Elche General University Hospital, Alicante, Spain

## Professors

### Ms. Cantó Pastor, María Teresa

- ♦ Diploma in Nursing
- ♦ Master's Degree in Nursing Sciences, University of Alicante, Spain
- ♦ Course of Pedagogical Adaptation in the Faculty of Health Sciences at the University of Alicante
- ♦ Internal Medicine Nurse in Elche University General Hospital, Alicante, Spain
- ♦ University Tutor in Hospital Practice at Elche University General Hospital, Alicante, Spain

### Dr. López García, Francisco

- ♦ Degree in Medicine and Surgery
- ♦ Specialist in Internal Medicine Services at Elche University General Hospital, Alicante, Spain
- ♦ Internal Medicine Resident Tutor at Orihuela Hospital, Alicante, Spain
- ♦ Vocal Member of Valencian Community Society of Internal Medicine
- ♦ Secretary of the COPD Working Group of the Spanish Society of Internal Medicine, coordinator and principal investigator of the ECCO Study: "Study of Comorbidity in COPD patients hospitalized in Internal Medicine Services (ECCO Study)"
- ♦ Author of 89 indexed scientific publications and 32 chapters in books or monographs. Author and editor of 5 books published on COPD



**Ms. Miguel Manzanera, Matilde**

- ◆ Diploma in Nursing
- ◆ Work experience in hospitalization units: Cardiology, Pneumology, Infectious Diseases and Internal Medicine of the Elche General University Hospital, Alicante, Spain
- ◆ Lecturer in the Respiratory Knowledge Update (EVES), Mechanical Ventilation (EVES) and NIV Management Workshop courses
- ◆ University Tutor in Hospital Practice at Elche University General Hospital, Alicante, Spain

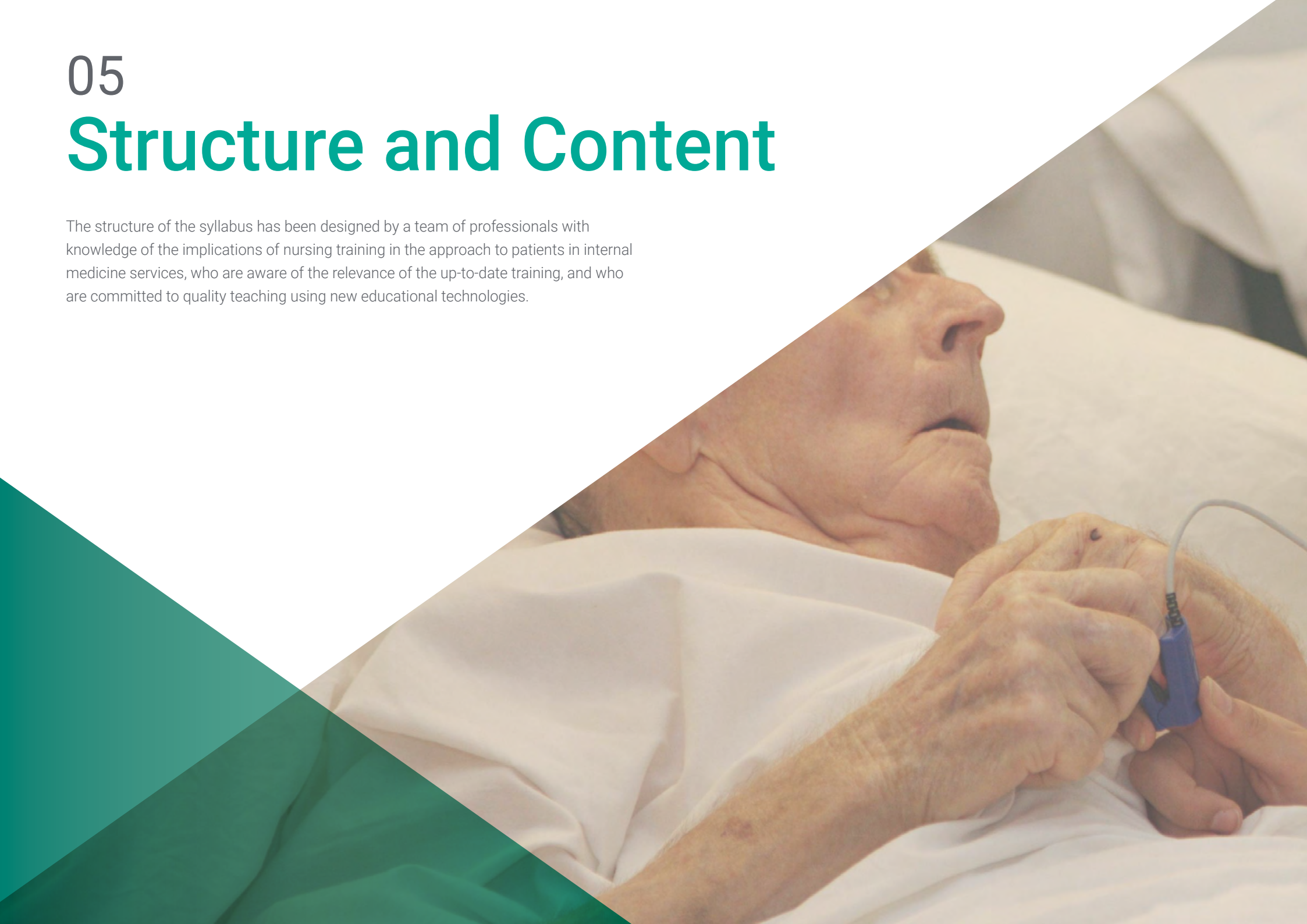
**Dr. Mora Rufete, Antonia**

- ◆ Degree in Medicine and Surgery
- ◆ PhD in Medicine from the Faculty of Medicine from the University of Alicante
- ◆ Specialist in Internal Medicine
- ◆ Head of Department in Internal Medicine Services at Elche University General Hospital, Alicante, Spain
- ◆ Postgraduate in Specialist Care of Advanced Aged Patients and Pluripathology from the Autonomous University of Barcelona
- ◆ 120 publications in spanish, european and american journals (articles published in JCR indexed journals with impact factor)
- ◆ Member of FOS (Fabry Outcome Survey) group and Pluripathological and Advanced Age Patient group of the Spanish Society for Internal Medicine (SEMI)

05

# Structure and Content

The structure of the syllabus has been designed by a team of professionals with knowledge of the implications of nursing training in the approach to patients in internal medicine services, who are aware of the relevance of the up-to-date training, and who are committed to quality teaching using new educational technologies.





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*This Professional Master's Degree in Nursing in Internal Medicine contains the most complete and up-to-date program on the market”*

## Module 1. General Information on the Organization of Internal Medicine Services

- 1.1. Introduction
- 1.2. Care Models and Portfolio of Services
  - 1.2.1. Conventional Hospitalization
  - 1.2.2. Day Hospital
  - 1.2.3. External Consultation
  - 1.2.4. Home Hospitalization
  - 1.2.5. Portfolio of services
- 1.3. Location and Resources of Internal Medicine Services
  - 1.3.1. Location of Internal Medicine Services and Relationship with Other Services
  - 1.3.2. Structural Resources
  - 1.3.3. Human Resources

## Module 2. Treatment of Patient with Prolonged Fever of Unknown Origin

- 2.1. Introduction to Fever of Unknown Origin
- 2.2. Definitions
  - 2.2.1. Fever of Unknown Origin
  - 2.2.2. Hyperthermia
- 2.3. FOD Classification
  - 2.3.1. Classic FUO
  - 2.3.2. Nosocomial FUO
  - 2.3.3. Neutropenia FUO
  - 2.3.4. FUO associated with HIV
- 2.4. Etiology of FUO
  - 2.4.1. Pathology
  - 2.4.2. Neoplasms
  - 2.4.3. Non-infectious Inflammatory Diseases
  - 2.4.4. Miscellaneous



- 2.5. DJD Diagnosis
  - 2.5.1. Medical History. Anamnesis and Thorough Physical Examination
  - 2.5.2. Complementary Tests: Laboratory, Radiological Tests and Others
- 2.6. FOD Treatment
  - 2.6.1. Antipyretics
  - 2.6.2. Specific Treatment
- 2.7. Evolution and Prognosis

### Module 3. Monitoring of a Nosocomial Infection

- 3.1. Concepts
  - 3.1.1. Asepsis Antisepsis Sterile Technique
- 3.2. General Isolation Measures
  - 3.2.1. General Isolation Techniques
  - 3.2.2. Clothing
  - 3.2.3. Disinfection
- 3.3. Infection Control Precautions
  - 3.3.1. Standard Precautions
  - 3.3.2. Precautions Based on Transmission
- 3.4. Nosocomial Infections
  - 3.4.1. Localizations
  - 3.4.2. Risk Factors
  - 3.4.3. Types of Isolation
  - 3.4.4. Prevention of Nosocomial Infections
- 3.5. Preventions of Infections Associated with Various Hospital Procedures
  - 3.5.1. Prevention of Nosocomial Infections Associated with Vesical Probing
  - 3.5.2. Recommendations for Preventing Infections Associated with the Insertion of Intravenous Catheters
- 3.6. Prevention of Infections of the Professional
  - 3.6.1. Rules Vaccines Recommendations

### Module 4. Caring for Patients with Sepsis and Septic Shock

- 4.1. Basic Aspects
  - 4.1.1. Concept. Epidemiology. Definitions
- 4.2. Pathogenesis. Clinical Manifestations
  - 4.2.1. Pathophysiology and Pathogenesis
  - 4.2.2. Clinical Picture. Symptoms and Signs
- 4.3. Complementary Evaluations. Diagnosis
  - 4.3.1. Complementary Evaluations
  - 4.3.2. Diagnostic Etiological Syndrome
  - 4.3.3. Differential Diagnosis
- 4.4. Treatment. Prognosis
  - 4.4.1. Support and Pathophysiological Treatment
  - 4.4.2. Etiological Treatment Antibiotics
  - 4.4.3. Prognosis
- 4.5. Nurse Methodology in Situations of Sepsis and Septic Shock
  - 4.5.1. Prevention. Control. Treatment

### Module 5. Care of Dependent Pluripathological Patient

- 5.1. Historical Introduction and Definitions
  - 5.1.1. Comorbidity
  - 5.1.2. Fragility
  - 5.1.3. Disability
  - 5.1.4. Dependency
- 5.2. Comprehensive Assessment
  - 5.2.1. Physical or Clinical Assessment
  - 5.2.2. Functional Assessment
  - 5.2.3. Cognitive-Affective Assessment
  - 5.2.4. Social Assessment
- 5.3. Nursing Care Plans
  - 5.3.1. General Aspects
  - 5.3.2. Techniques
- 5.4. Social - Health Resources
  - 5.4.1. Legal Framework
  - 5.4.2. Care Programs

## Module 6. Caring for a Patient with Acute and Chronic Liver Alterations


- 6.1. Acute Hepatitis
  - 6.1.1. Toxic Hepatitis
  - 6.1.2. Viral Hepatitis
  - 6.1.3. Characteristics and Treatment
- 6.2. Chronic Hepatitis
  - 6.2.1. Hepatic Cirrhosis
  - 6.2.2. Viral Hepatitis (Hepatitis B and C)
  - 6.2.3. Toxic Hepatitis: Alcohol and Drugs
- 6.3. Main Complications in Chronic Hepatitis
- 6.4. Nursing Procedures
  - 6.4.1. Prevention of Hepatitis Infection
  - 6.4.2. Nursing Care in Patients with Hepatitis

## Module 7. Nursing Care in Diabetes Mellitus Type 1 and 2

- 7.1. Introduction
  - 7.1.1. Definition
  - 7.1.2. Classification
  - 7.1.3. Diagnosis
- 7.2. Treatment Objectives
  - 7.2.1. General Objectives
  - 7.2.2. Self Control
- 7.3. Acute Problems
  - 7.3.1. Diabetic ketoacidosis
  - 7.3.2. Non-Ketoacidosis Hyperglycemic Hyperosmolar Syndrome
  - 7.3.3. Hypoglycemic Coma
  - 7.3.4. Nursing Care in the Case of Complications





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- 7.4. Chronic Complications
    - 7.4.1. Microvascular
    - 7.4.2. Macrovascular
    - 7.4.3. Diabetic Foot
    - 7.4.4. Nursing Care
  - 7.5. Diabetic Education
    - 7.5.1. Feeding
    - 7.5.2. Physical exercise
    - 7.5.3. Pharmacological Treatment: Oral Antidiabetic Drugs and Different Types of Insulin

## Module 8. Nursing Care in Patients with Metabolic Syndrome

- 8.1. Introduction
  - 8.1.1. Concept
  - 8.1.2. Epidemiology
  - 8.1.3. Diagnosis
- 8.2. Factors Which Make Up Metabolic Syndrome
- 8.3. Therapeutic Regime
  - 8.3.1. Pharmacology
  - 8.3.2. Nursing Care
  - 8.3.3. Health education

## Module 9. Caring for a Patient With Heart Failure

- 9.1. Introduction
  - 9.1.1. Concept and Definitions
  - 9.1.2. Pathophysiology. Triggering Factors and Forms of Presentation
  - 9.1.3. Etiopathogenesis. Types of Heart Failure
- 9.2. Clinical Manifestations
  - 9.2.1. Clinical Picture. Symptoms
  - 9.2.2. Functional Classification
  - 9.2.3. Physical Examination. Signs

- 9.3. Complementary Examinations and Diagnosis
  - 9.3.1. Basic Complementary Tests
  - 9.3.2. Diagnostic Criteria. Diagnostic Algorithm
- 9.4. Treatment of Heart Failure
  - 9.4.1. General Measures
  - 9.4.2. Treatment of Acute Heart Failure
  - 9.4.3. Treatment of Chronic Heart Failure
- 9.5. Nurse's Action in Acute Heart Failure
  - 9.5.1. Assessment and Patient Care
  - 9.5.2. Procedures and Usual Techniques
- 9.6. Nurse's Action in Chronic Heart Failure
  - 9.6.1. Assessment and Patient Care
  - 9.6.2. Procedures and Usual Techniques

### **Module 10. Caring for a Patient with HIV**

- 10.1. Basic Aspects and Diagnosis of HIV
  - 10.1.1. Concept
  - 10.1.2. Epidemiology
  - 10.1.3. Pathophysiology
- 10.2. Therapeutic Regime
  - 10.2.1. Pharmacology
  - 10.2.2. Nursing Care
  - 10.2.3. Health education
- 10.3. AIDS
  - 10.3.1. Prevention
  - 10.3.2. Current Situation
  - 10.3.3. Advances

### **Module 11. Caring for a Patient with Chronic Intestinal Alterations**

- 11.1. Diarrhea
- 11.2. Crohn's Disease
- 11.3. Ulcerative Colitis
- 11.4. Care and Treatment of Inflammatory Bowel Disease

### **Module 12. Caring for a Patient With Kidney Failure**

- 12.1. Introduction and Definitions
  - 12.1.1. Nephrological Syndromes
  - 12.1.2. Acute and Chronic Kidney Failure
- 12.2. Acute Kidney Failure
  - 12.2.1. Concept. Etiopathogenesis. Clinical Forms
  - 12.2.2. Clinical Manifestations Diagnosis. Complications
  - 12.2.3. Treatment. Prognosis. Prevention
- 12.3. Chronic Kidney Disease
  - 12.3.1. Concept. Etiopathogenesis. Pathophysiology
  - 12.3.2. Clinical Manifestations. Diagnosis
  - 12.3.3. Treatment. Prognosis. Prevention
- 12.4. Renal Function Replacement Therapy
  - 12.4.1. Hemodialysis Peritoneal Dialysis
  - 12.4.2. Renal Transplant
- 12.5. Nurse's Action in Acute and Chronic Kidney Failure
  - 12.5.1. Assessment and Patient Care
  - 12.5.2. Procedures and Usual Techniques

### **Module 13. Caring for a Patient with COPD**

- 13.1. Introduction. General Aspects
  - 13.1.1. Concept. Epidemiology. Risk Factors
  - 13.1.2. Etiopathogenesis. Pathophysiology. Pathologic Anatomy/Pathogenesis
- 13.2. Treatment of Stable COPD
  - 13.2.1. General and Preventative Measures
  - 13.2.2. Medical Treatment
  - 13.2.3. Non-Pharmacological Treatment
- 13.3. COPD Exacerbation
  - 13.3.1. Concept and Importance
  - 13.3.2. Diagnosis and Treatment
- 13.4. Arterial Blood Gases
- 13.5. Inhalation Therapy
- 13.6. Nursing Care in Primary Care
- 13.7. Nursing Care in the Hospital

**Module 14. Caring for a Patient with Hematologic Alterations**

- 14.1. Definition and Classification of Hematologic Alterations
  - 14.1.1. From Excess: Polyglobulia Leukocytosis (Lymphocytosis and neutrophilia) Thrombocytosis
  - 14.1.2. From Deficiency: Anemia Leukopenia (Lymphopenia and Neutropenia). Thrombopenia
- 14.2. Anaemia
  - 14.2.1. Classification
  - 14.2.2. Pathophysiology
  - 14.2.3. Etiology
  - 14.2.4. Clinical Evaluation
  - 14.2.5. Diagnosis
  - 14.2.6. Treatment
- 14.3. Assessment and Nursing Care in Patients with Hematologic Alterations
  - 14.3.1. General Aspects
  - 14.3.2. Techniques
  - 14.3.3. Health education

**Module 15. Caring for a Patient with Venous Thromboembolism Disease**

- 15.1. Basic Aspects of VTE
  - 15.1.1. Concept
  - 15.1.2. Epidemiology
- 15.2. Pathophysiology of AHT
  - 15.2.1. Risk Factors
- 15.3. Diagnosis
  - 15.3.1. Signs and Symptoms
  - 15.3.2. Complementary Evaluations
  - 15.3.3. Rehabilitation of Stroke Patients
- 15.4. Therapeutic Regime
  - 15.4.1. Pharmacology
  - 15.4.2. Nursing Care
  - 15.4.3. Health education

**Module 16. Nursing Care of a Stroke Patient in the Acute and Chronic Phases**

- 16.1. Cerebrovascular Accident (CVA) or Stroke
  - 16.1.1. Pathophysiology
  - 16.1.2. Causes
  - 16.1.3. Diagnostic Tests
- 16.2. Code Stroke
  - 16.2.1. Organization of Health Care
  - 16.2.2. Thrombolysis
  - 16.2.3. Assessment Scales: Neurological and Functional



*A unique, key, and decisive training experience to boost your professional development and make the definitive leap”*

# 06

# 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.



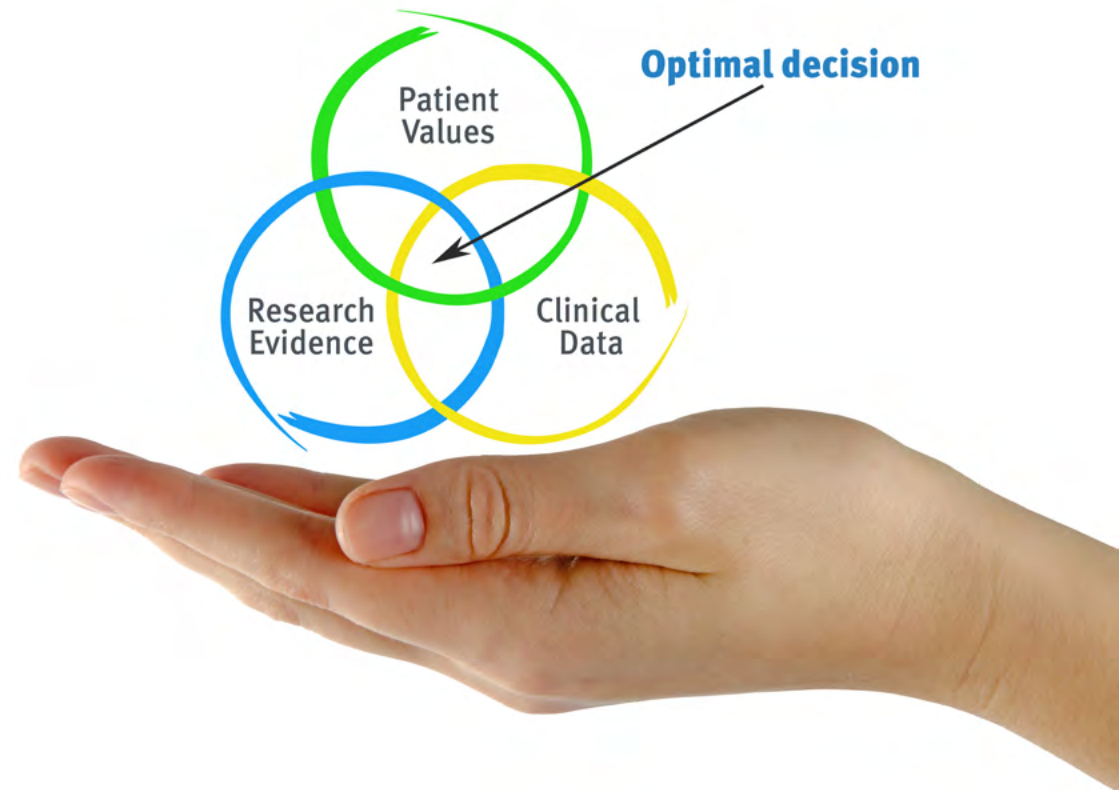
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## 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.

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*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

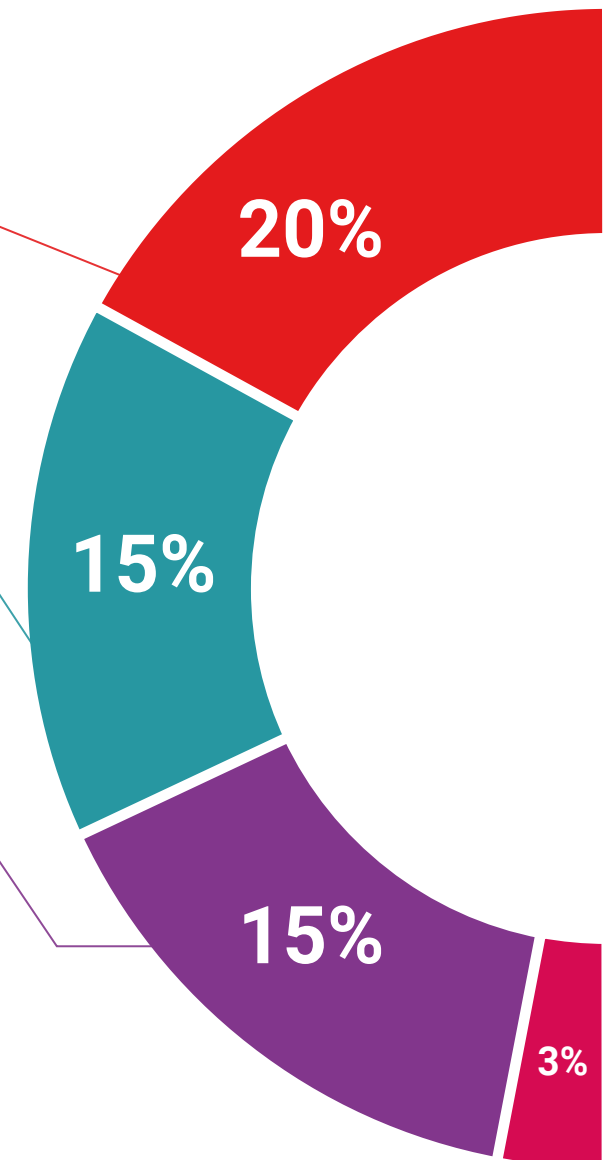
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

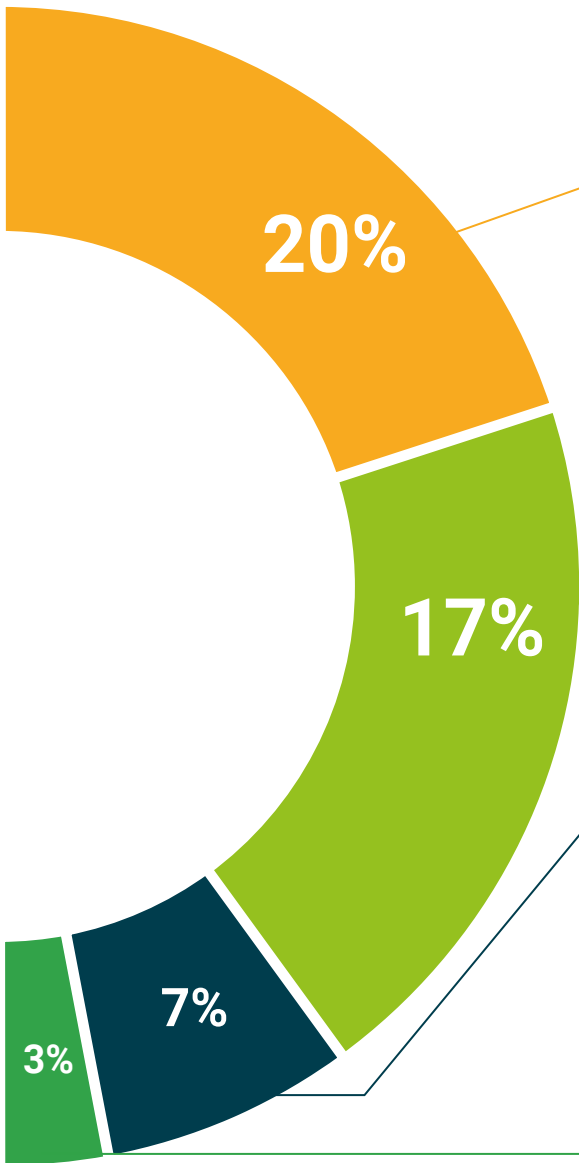
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



### 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.



# 07 Certificate

The Professional Master's Degree in Nursing in Internal Medicine guarantees, in addition to the most rigorous and up-to-dated training, access to a Professional Master's Degree issued by TECH Technological University.





“

*Successfully complete this program  
and receive your university degree  
without travel or laborious paperwork”*

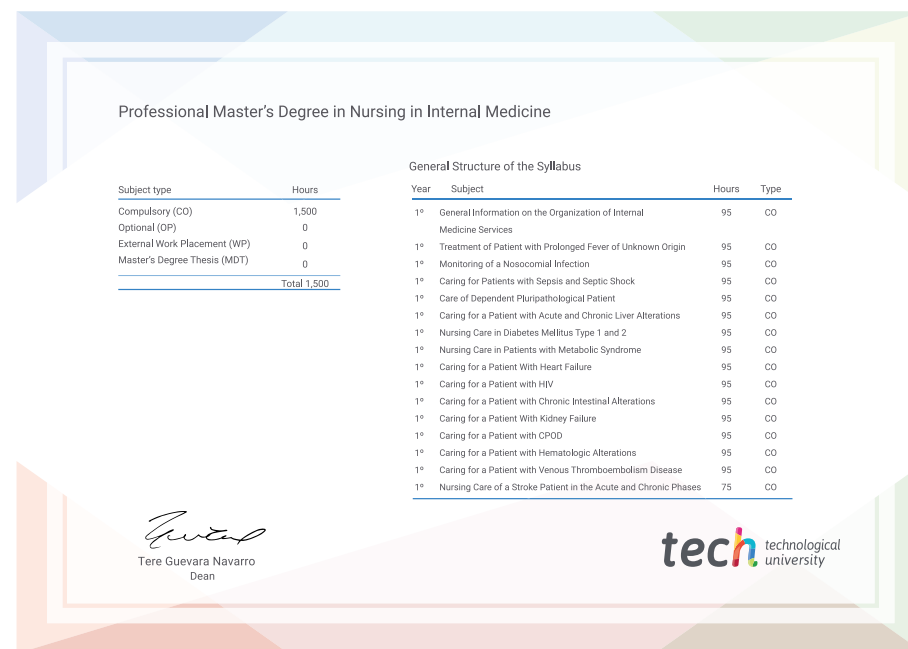
This **Professional Master's Degree in Nursing in Internal Medicine** contains the most complete and up-to-date scientific program on the market"

After the student has passed the assessments, they will receive their corresponding **Professional Master's Degree** issued by **TECH Technological University** via tracked delivery\*.

The certificate issued by **TECH Technological University** will reflect the qualification obtained in the Professional Master's Degree, and will meet the requirements commonly demanded by job exchanges, competitive examinations and professional career evaluation committees.

Title: **Professional Master's Degree in Nursing in Internal Medicine**

Official N° of hours: **1,500 h.**



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

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



## Professional Master's Degree

Nursing in Internal  
Medicine

Course Modality: Online

Duration: 12 months

Certificate: TECH Technological University

Official N° of hours: 1,500 h.

# Professional Master's Degree Nursing in Internal Medicine

