

# Professional Master's Degree Digestive System Nursing





## Professional Master's Degree

### Digestive System Nursing

- » Modality: online
- » Duration: 12 months
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/us/nursing/professional-master-degree/master-digestive-system-nursing](http://www.techtitute.com/us/nursing/professional-master-degree/master-digestive-system-nursing)

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# 01

# Introduction

Diseases of the digestive system have become, in recent decades, some of the most frequent among the general population. This growing demand means that Digestive Services require more and more trained and qualified professionals. In this scenario, the work of nursing professionals requires high-level education that allows them to intervene with the back-up of fully up-to-date specialization.

This complete program will allow you to acquire the necessary knowledge for this field of work, incorporating to your skills the most innovative and effective protocols and techniques from the international arena.



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*Become one of the most in-demand professionals of today with this comprehensive program. A high-level educational tour of the latest advances and techniques in this area of international science"*

Digestive system diseases are one of the main causes of hospital stays, preceded by cardiovascular diseases and tumors. Colon cancer has been observed as one of the most predominant causes of "malignant neoplasms" followed by tracheal, bronchial and lung tumors. Pancreatic diseases, cholelithiasis or cirrhosis of the liver are some of the diseases that cause the most hospital stays.

For this reason, a large number of hospitals and primary care services now have Digestive System Assistance Units (UAAD), with consultations and specialists dedicated exclusively to patients with digestive diseases.

"Specialist" nursing staff play an important role in the current process management system, encompassing all areas, from the hospital to primary care, as well as the different levels of promotion, prevention, treatment and rehabilitation.

In addition, health education for patients with digestive diseases is of vital importance, especially in programs for the prevention of viral hepatitis, early detection of cancer, alcoholism, prevention and treatment of eating disorders and self-care programs for chronic diseases. This education and promotion should be carried out by qualified nursing professionals who are experts in the field.

Day by day, the professionals who work in this specialism are required to have more training and preparation, as well as a higher level of competence. This calls for specialization focused on the digestive field, helping the nurse with expertise in digestive disease to achieve excellence in care.

This program is aimed at helping the nursing professional to identify the real needs of these patients, in order to be able to apply quality care based on the latest scientific evidence.

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

- ◆ Clinical cases presented by experts
- ◆ Its graphic, schematic and eminently practical contents, are designed to provide in-person scientific information on those medical disciplines that are essential for professional practice
- ◆ Diagnostic and therapeutic innovations in treating patients with digestive diseases
- ◆ Presentation of practical workshops on procedures diagnosis, and treatment techniques
- ◆ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ◆ Includes theoretical lectures, questions to the expert, discussion forums on controversial issues and tasks for individual reflection
- ◆ Content that is accessible from any fixed or portable device with an internet connection



*Update your knowledge in patient care in the digestive pathology service, improve the prognosis and reduce the recovery time and complications of patients"*

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*An exceptional opportunity to give your resume a boost with intensive and efficient training, while being fully compatible with your professional and personal life"*

Its teaching staff includes nursing professionals of note, who contribute their work experience to this up-to-date program, in addition to other professionals specializing in the digestive system area.

Its multimedia content, developed with the latest educational technology, will allow the professional a contextual and relevant learning experience, i.e., a simulated environment that will provide immersive learning programmed to train for real situations.

This program is designed around Problem-Based Learning, whereby the nursing professional must try to solve the different professional practice situations that arise throughout the program. This will be done with the help of an innovative interactive video system developed by recognized experts in internal digestive pathology nursing care and with extensive teaching experience.

*During the program, you will acquire practical experience, through simulated learning environments based on real situations and cases.*

*With the study of numerous clinical cases that will bring you as close as possible to the reality of Digestive System Nursing.*



# 02 Objectives

The objective of this program is to offer you the most complete educational journey through all aspects of nursing intervention in the Digestive System Service. A comprehensive course that will allow you to expand your knowledge and give you the confidence and expertise of top-level professionals.





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*Our goal is very clear: to give you the boost you need to become a top nursing professional"*



## General Objective

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- ♦ To update the professional in nursing procedures and interventions for the correct care of patients with digestive pathology



*This program is the best way to get you up to speed in Digestive System Nursing"*



## Specific Objectives

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### Module 1. Liver Disease

- ♦ Determine the causes, effects, treatments, psychosocial factors and nutritional needs of the different hepatic pathologies and establish the most appropriate care plan for each of them
- ♦ Describe the procedure for preparing a patient for liver transplantation
- ♦ Explain up-to-date patient care in the postoperative period after liver transplantation

### Module 2. Inflammatory Bowel Disease

- ♦ Develop appropriate diets for patients with special needs such as Crohn's disease and ulcerative colitis
- ♦ Explain the follow-up and care required for patients with autoimmune digestive pathology such as Crohn's disease or ulcerative colitis
- ♦ Describe new advances and challenges in the diagnosis and treatment of inflammatory bowel diseases

### Module 3. Pancreatic Disease

- ♦ Identify the possible causes of the origin of pancreatitis and ways to prevent it
- ♦ Develop a care plan tailored to the patient with pancreatitis or pancreatic neoplasia
- ♦ Identify the emotional and psychological alterations in a patient with pancreatic neoplasia

**Module 4. Gastrointestinal Motility Disturbances**

- ♦ Update the procedures for approaching patients with gastrointestinal motility disorders

**Module 5. Digestive Hemorrhage**

- ♦ Identify signs and symptoms to detect gastrointestinal bleeding, as well as its location
- ♦ Outline the care of the patient with gastrointestinal bleeding

**Module 6. Digestive Endoscopy**

- ♦ Describe the preparation prior to exploratory and endoscopic tests for diagnostic purposes in digestive pathology
- ♦ Explain the different endoscopic techniques and placement of PEG probes, as well as pre- and post-procedure care
- ♦ Describe the procedure for probe insertion, gastric lavage, cleansing enemas and fecaloma removal
- ♦ List the equipment necessary for performing endoscopic tests and describe its maintenance and care

**Module 7. Ostomies**

- ♦ Classify the types of ostomies and describe the different types of care they require
- ♦ Define a multidisciplinary education plan for ostomized patients in order to allow their autonomy and increase their quality of life
- ♦ Identify possible warning signs in relation to the ostomy and its functioning
- ♦ Identify emotional and psychological alterations in the ostomized patient

**Module 8. Other Digestive Nursing Techniques**

- ♦ Describe colorectal cancer screening protocols and programs and strategies to prevent colorectal cancer
- ♦ Define the role of nursing in interventional radiology tests such as ERCP

**Module 9. Digestive Feeding Ostomies**

- ♦ Manage theoretical knowledge and skills that support nursing work in the care of patients with digestive feeding ostomies
- ♦ Identify the main care after ostomy surgery and constantly check the catheter
- ♦ Analyze the types of food that pass through the probe

**Module 10. Advanced Digestive, Endocrinology and Nutrition Practice**

- ♦ Identify the possible food that pass through the probe
- ♦ Develop an action plan that allows for patient comfort during recovery without removal of the catheter

# 03 Skills

After passing the assessments of the program, the professional will have acquired the professional skills required for quality, up-to-date practice based on the most recent scientific evidence.





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*With this program you will be able to master the new therapeutic procedures and apply the best nursing care in Digestive System Nursing”*



## General Skills

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- ♦ Provide quality care in any of the areas of Digestive System Nursing
- ♦ Apply new techniques and intervention protocols derived from the latest advances in this area of work
- ♦ Recognize the basic and particular features of the different therapeutic situations in which nursing staff work in Digestive System Nursing

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*Take advantage of this opportunity and take the next step to get up to date on the latest developments in Digestive System Nursing”*





## Specific Skills

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- ♦ Establish an appropriate care plan for liver pathologies
- ♦ Prepare the patient for liver transplantation
- ♦ Create personalized diets for patients with Crohn's disease and ulcerative colitis
- ♦ To carry out a prevention plan against pancreatitis
- ♦ Create a specific care plan for patients with pancreatitis or neoplasia of the pancreas
- ♦ Intervene in the case of patients with emotional disturbances due to severe digestive disease
- ♦ Recognize the symptoms of gastrointestinal bleeding
- ♦ Locate the source of gastrointestinal bleeding
- ♦ Preparing the patient for endoscopic exploratory tests
- ♦ Explain the complete endoscopic process
- ♦ Care and maintenance of test material of the Digestive System Service
- ♦ Follow nursing intervention protocols for ERCPs
- ♦ Indicate the care required for a colostomy
- ♦ Educate the colostomized patient
- ♦ Recognize the warning signs in ostomies
- ♦ Help the ostomized patient with their emotional state

04

# Course Management

A teaching staff made up of nursing professionals of note in the field of digestive pathology, who pour their work experience into this course. Additionally other specialists of recognized prestige have participated in creating the contents, complementing the program in an interdisciplinary manner.





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*Learning from the best is the best way to move toward excellence. That is why our teachers have been chosen among the best nursing professionals in digestive system and other medical and scientific disciplines”*

## Management



### Mr. García Sola, Guillermo

- ◆ Degree in Nursing from the University of Alicante
- ◆ President of the Spanish Association of Digestive Pathology Nurses
- ◆ Master's Degree in Nursing Sciences
- ◆ University Expert in Nursing Services Management for UNED
- ◆ Master's Degree in School Nursing from the University of Barcelona (IL3)
- ◆ Specialist Certificate in Nursing Services Management EVES
- ◆ Member of the Board of Directors of the Spanish Association of Digestive Pathology Nursing (AEEPD)
- ◆ Member of the Board of Directors of the Spanish Society of School Nursing (SCE3)

## Professors

### Ms. Ibáñez Zafon, Inés Ana

- ◆ Diploma in Nursing
- ◆ Del Mar Hospital, Barcelona

### Mr. Molina Ribera, Juan

- ◆ Diploma in Nursing
- ◆ Ostomy Specialist
- ◆ San Juan Health District Alicante



05

# Structure and Content

The contents of this program have been created to achieve the most efficient route through the essential knowledge of this area of work. A comprehensive, clear and useful syllabus that will allow you to use your newly acquired skills and knowledge almost immediately.





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*A complete program created by experts in the field that will take you through the most comprehensive and effective compendium of knowledge in the online teaching market"*

## 22 | Structure and Content

### Module 1. Liver disease

- 1.1. Cirrhotic Patient
- 1.2. Viral Hepatitis
- 1.3. Hepatocellular Carcinoma
- 1.4. Liver Transplant

### Module 2. Inflammatory Bowel Disease

- 2.1. Crohn's Disease
- 2.2. Ulcerative Colitis
- 2.3. New Developments and Challenges

### Module 3. Pancreatic Disease

- 3.1. Pancreatitis
- 3.2. Pancreatic Neo

### Module 4. Gastrointestinal Motility Disturbances

- 4.1. Gastric Motility
- 4.2. Small Intestine Motility
- 4.3. Large Intestine Motility and Defecation Reflex
- 4.4. Diagnostic Tests
- 4.5. Care of the Patient with Gastrointestinal Motility Disturbance
- 4.6. Care Plan

### Module 5. Digestive Hemorrhage

- 5.1. Upper Gastrointestinal Bleeding
- 5.2. Lower Gastrointestinal Bleeding
- 5.3. Causes, Effects
- 5.4. Emergency Response
- 5.5. Pharmacological and Endoscopic Treatments
- 5.6. Psychosocial Aspects
- 5.7. Nutritional Needs
- 5.8. Nursing Care Plan

### Module 6. Digestive Endoscopy

- 6.1. Gastroscopy
- 6.2. Colonoscopy
- 6.3. ERCP
- 6.4. Esophageal Prosthesis Placement
- 6.5. TIPS
- 6.6. Treatment of Pancreatic Necrosis and Pseudocysts by Endoscopy
- 6.7. Endoscopic Treatment of the Cirrhotic Patient
- 6.8. Placement of PEG Probes
- 6.9. Importance of Colorectal Cancer Screening

### Module 7. Ostomies

- 7.1. Causes
- 7.2. Digestive Surgery
- 7.3. Types of Ostomies
- 7.4. Psychosocial Aspects
- 7.5. Nutritional Needs
- 7.6. Care Patient Empowerment
- 7.7. Care plan

### Module 8. Other Digestive Nursing Techniques

- 8.1. Correct Identification of Stool Types
- 8.2. Insertion of Orogastric, Nasogastric, Nasoduodenal and Nasojejun tubes
- 8.3. Gastric Lavage
- 8.4. Cleaning Enemas
- 8.5. Fecaloma Removal



### Module 9. Digestive Feeding Ostomies

- 9.1. Anatomical and Physiological Aspects of the Digestive Tract
- 9.2. Diseases and Pathologies of the Digestive System
- 9.3. Other Pathologies Related to Digestive Feeding Ostomies
- 9.4. Types of Digestive Feeding Ostomies
- 9.5. Unique Characteristics
- 9.6. Early Complications
- 9.7. Late Complications
- 9.8. Nursing Care
- 9.9. Feeding Techniques
- 9.10. Types of Devices and Their Characteristics

### Module 10. Advanced Digestive, Endocrinology and Nutrition Practice

- 10.1. Semiology and Examination of the Digestive Tract
- 10.2. Special Nasogastric Probes
- 10.3. Advanced Management of Enteral Nutrition
- 10.4. Advanced Management of Parenteral Nutrition
- 10.5. Advanced Diet Therapy
- 10.6. Diabetic Education
- 10.7. Ostomies
- 10.8. Advanced Practice Nursing in Digestive Surgery
- 10.9. Nursing Competencies in Digestive System Diagnostic Tests
- 10.10. Advanced Practice in Oral Health



*An incomparable professional and personal growth experience that will put you at the forefront of your profession"*

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.

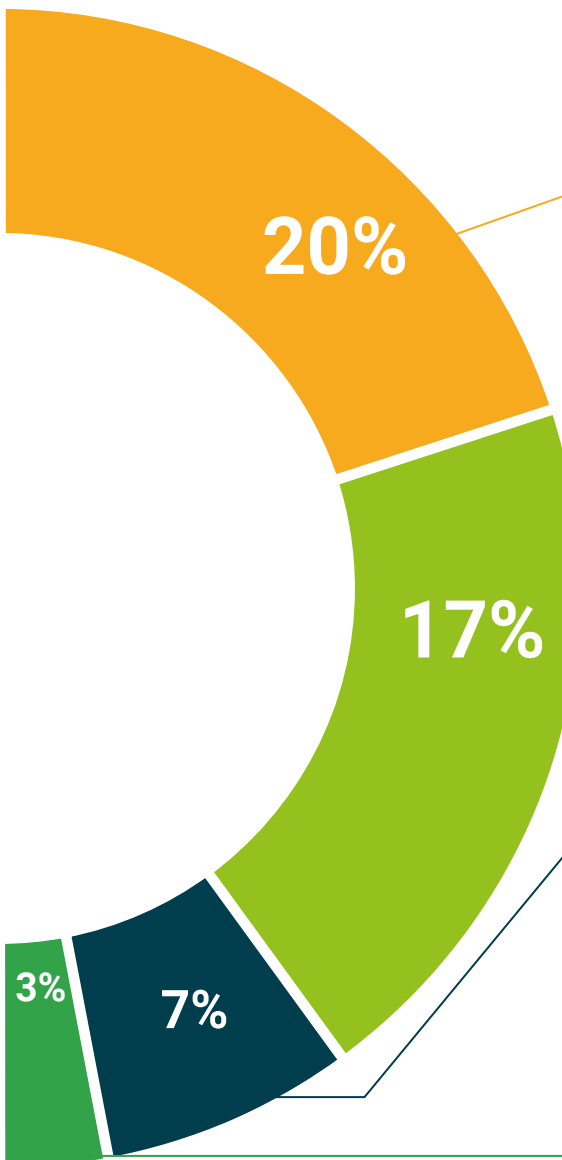
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



### 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 Digestive System Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a Professional Master's Degree issued by TECH Technological University.





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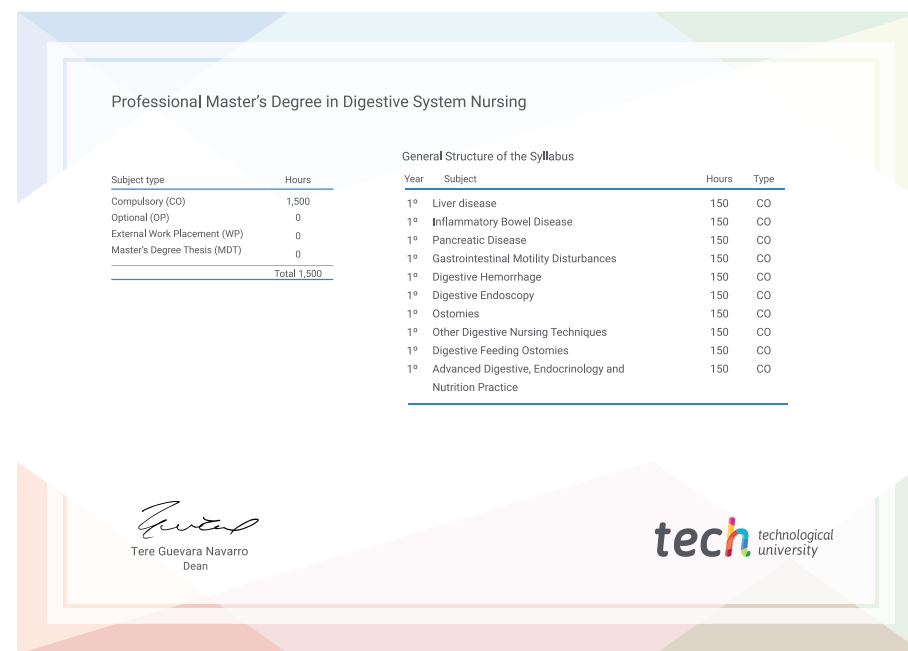
*Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork”*

This **Professional Master's Degree in Digestive System Nursing** 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** diploma issued by **TECH Technological University** via tracked delivery\*.

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

Title: **Professional Master's Degree in Digestive System Nursing**  
 N°. Official Hours: **1,500 h.**



\*Apostille Convention. In the event that the student wishes to have their paper diploma 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  
development language  
virtual classroom



## Professional Master's Degree

Digestive System  
Nursing

- » Modality: online
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- » Dedication: 16h/week
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