

Master's Degree

Digestive System Nursing





Master's Degree

Digestive System Nursing

- » Modality: online
- » Duration: 12 months
- » Certificate: TECH Global University
- » Credits: 60 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitute.com/us/nursing/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 **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"

“

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

- ♦ 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

Module 1. Digestive Nursing Techniques

- ♦ 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 updated patient care in the postoperative period after liver transplantation

Module 2. Inflammatory Bowel Disease

- ♦ Understand the generalities of inflammatory bowel disease (IBD), including its main forms
- ♦ Describe the pathophysiology, symptoms and complications of Crohn's disease, and its impact on the digestive system
- ♦ Examine the clinical features, diagnosis and treatment of ulcerative colitis, differentiating it from other intestinal pathologies
- ♦ Analyze new advances and challenges in the treatment and management of inflammatory bowel disease

Module 3. Pancreatic Pathology

- ♦ Understand the mechanisms and causes of pancreatitis
- ♦ Identify the clinical manifestations and complications of pancreatitis
- ♦ Analyze the risk factors and development of pancreatic cancer
- ♦ Explore current treatments for pancreatitis and pancreatic cancer

Module 4. 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 5. Gastrointestinal Motility

- ♦ Learn the fundamentals of gastrointestinal motility
- ♦ Describe the disorders associated with esophageal motility
- ♦ Analyze the mechanisms that regulate motility in the gastrointestinal tract
- ♦ Identify colo-rectal motility disturbances and their clinical management

Module 6. Gastrointestinal Bleeding

- ♦ Differentiate the causes of upper and lower gastrointestinal bleeding
- ♦ Identify key steps in the assessment of gastrointestinal bleeding
- ♦ Describe the urgent actions in the management of a gastrointestinal bleeding emergency
- ♦ Analyze the necessary post-treatment care for gastrointestinal bleeding

Module 7. Hepatic Pathology

- ♦ Recognize the differences between acute and chronic hepatitis
- ♦ Examine the major complications of chronic hepatitis, including liver cirrhosis
- ♦ Apply appropriate nursing procedures for the management of liver disorders
- ♦ Evaluate the treatment of hepatocarcinoma and criteria for liver transplantation

Module 8. 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

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

- ♦ 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

- ♦ 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"

Module 1. Digestive Nursing Techniques

- 1.1. Correct Identification of Stool Types
- 1.2. Fecaloma Removal
- 1.3. Cleaning Enemas
- 1.4. Insertion of Orogastric, Nasogastric, Nasoduodenal and Nasojejunal Tubes
- 1.5. Gastric Lavage

Module 2. Inflammatory Bowel Disease

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

Module 3. Pancreatic Pathology

- 3.1. Pancreatitis
- 3.2. Pancreatic Neoplasm

Module 4. Ostomies

- 4.1. Introduction, Definition and Indications
- 4.2. Types of Ostomies
- 4.3. Care
- 4.4. Nutritional Needs
- 4.5. Complications
- 4.6. Patient Empowerment

Module 5. Gastrointestinal Motility

- 5.1. Introduction Gastrointestinal Motility
- 5.2. Esophageal Motility
- 5.3. Gastrointestinal Motility
- 5.4. Colo-Rectal Motility

Module 6. Gastrointestinal Bleeding

- 6.1. Upper and Lower Gastrointestinal Bleeding
- 6.2. Gastrointestinal Bleeding, Assessment and Emergency Response.
- 6.3. Gastrointestinal Bleeding: Care

Module 7. Hepatic Pathology

- 7.1. Acute Hepatitis
- 7.2. Chronic Hepatitis
- 7.3. Main Complications in Chronic Hepatitis Hepatic Cirrhosis
- 7.4. Nursing Procedures Related to Liver Disorders
- 7.5. Hepatocellular Carcinoma
- 7.6. Liver Transplant

Module 8. Endoscopy

- 8.1. Gastroscopy
- 8.2. Colonoscopy ERCP Endoscopic Retrograde Cholangiopancreatography
- 8.3. Esophageal Prosthesis Placement
- 8.4. TIPPS (Transjugular Intrahepatic Porto-Systemic Shunt)
- 8.5. Treatment of Pancreatic Necrosis and Pseudocysts by Endoscopy
- 8.6. Endoscopic Treatment of the Cirrhotic Patient
- 8.7. Placement of PEG Probes
- 8.8. Importance of Colorectal Cancer Screening



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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.



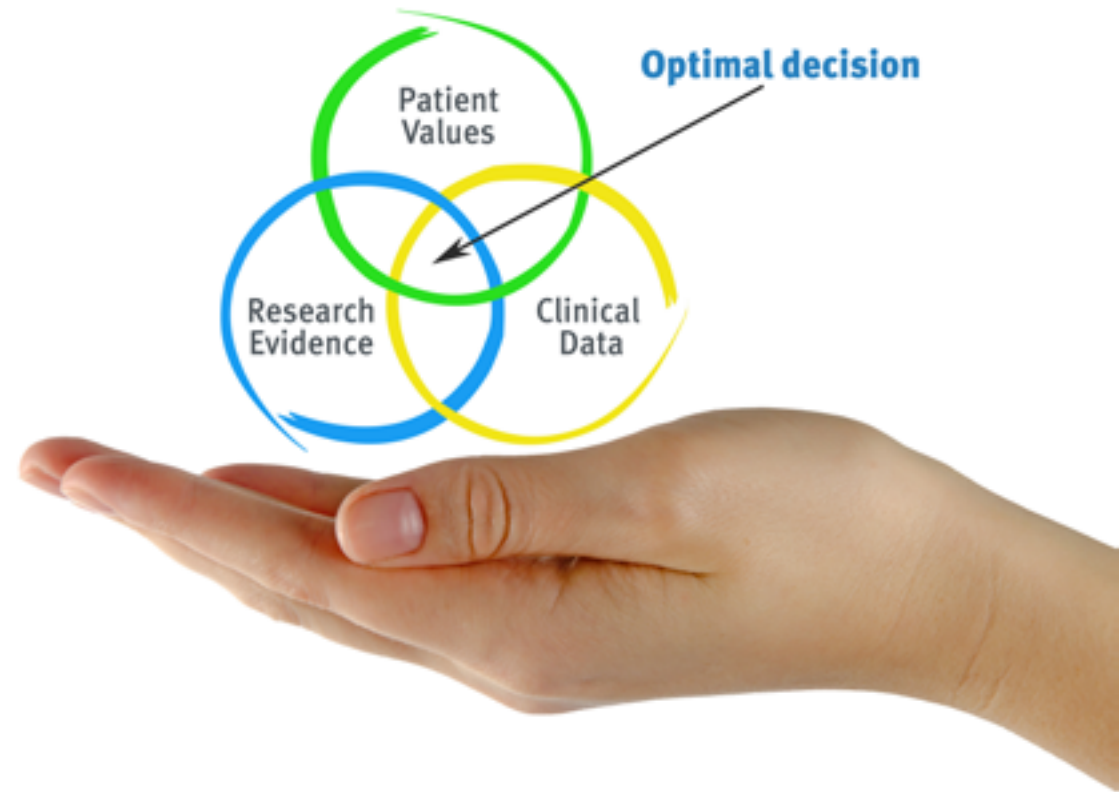
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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

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

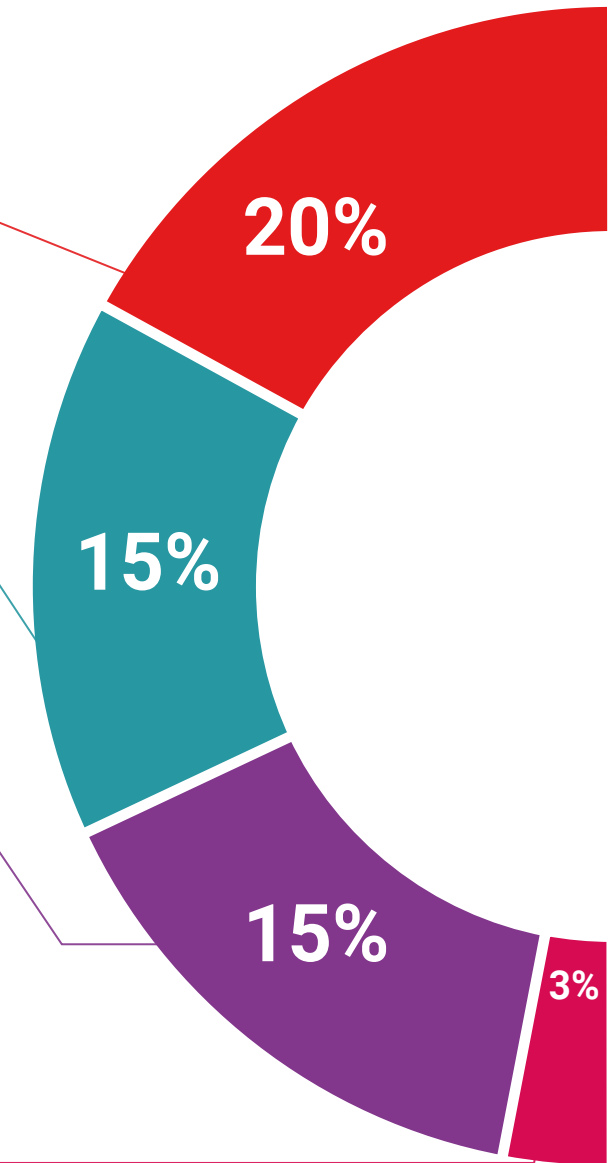
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

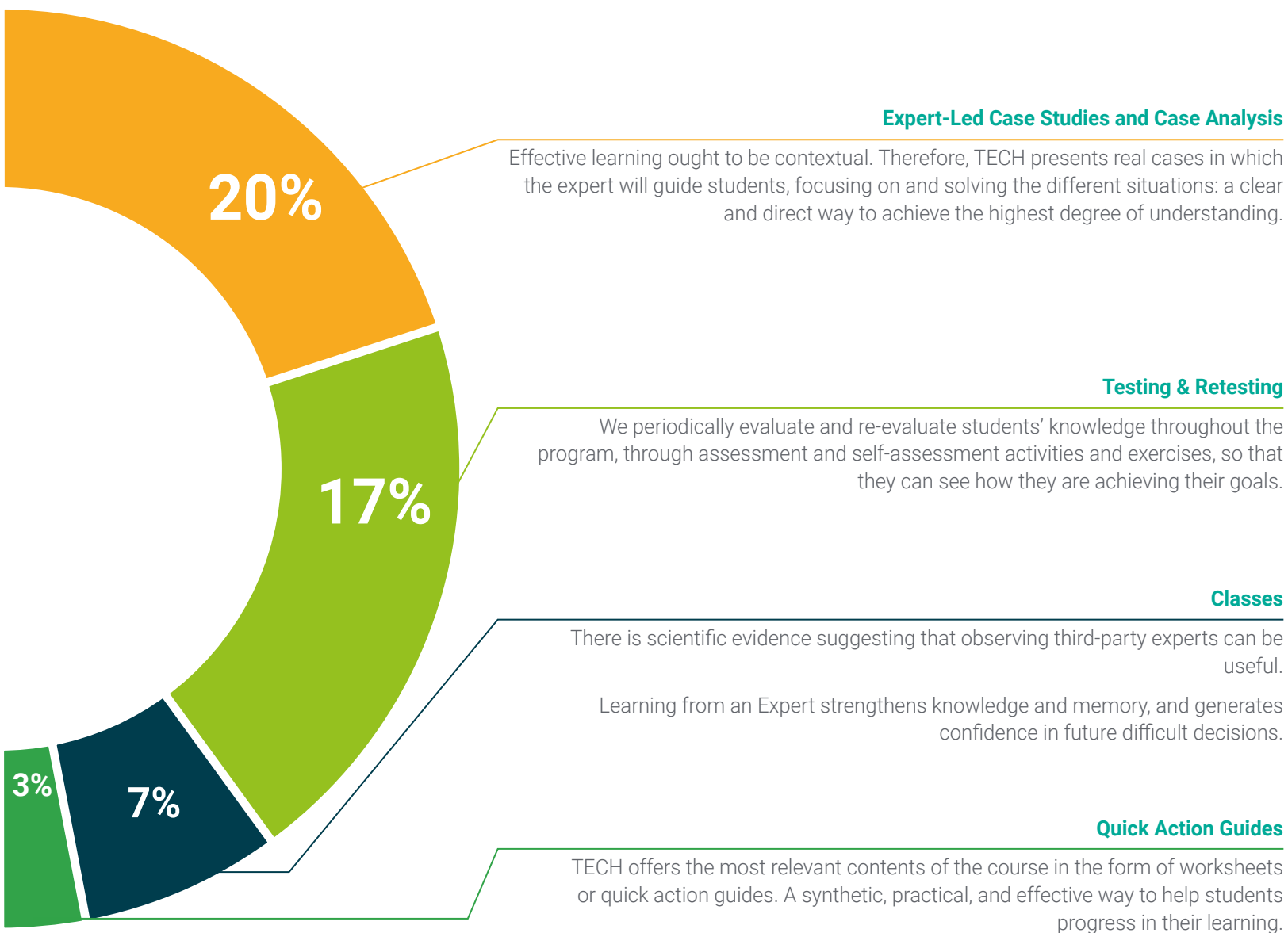
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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.





07 Certificate

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



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*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 **Master's Degree diploma in Digestive System Nursing** endorsed by **TECH Global University**, the world's largest online university.

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

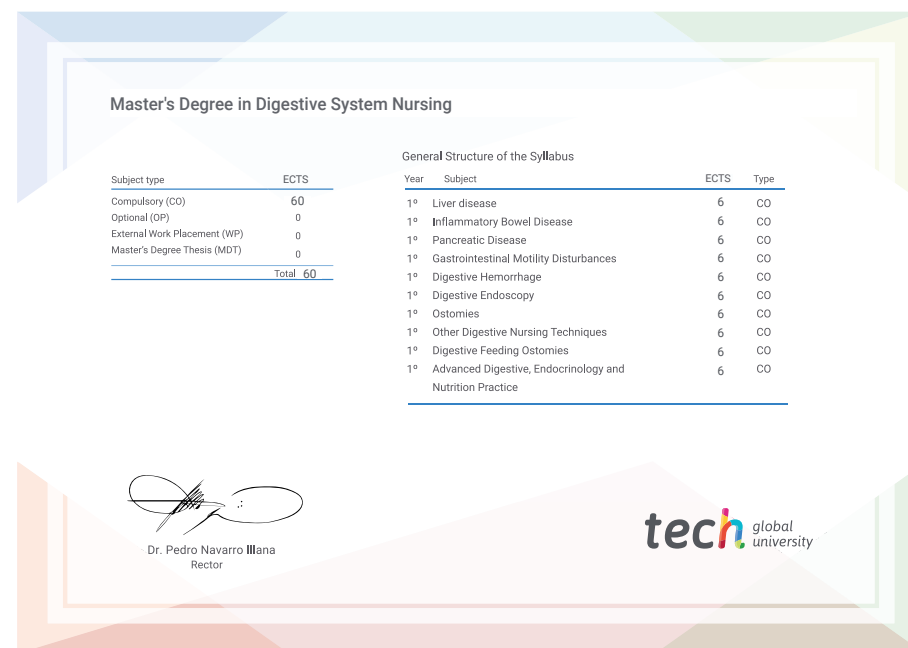
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

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Modality: **online**

Duration: **12 months**

Accreditation: **60 ECTS**





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