



Master's Degree

Gastroenterology Nursing

» Modality: online

» Duration: 12 months

» Certificate: TECH Global University

» Accreditation: 60 ECTS

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/nursing/master-degree/master-gastroenterology-nursing

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tech 06 | Introduction to the Program

The approach to digestive diseases has evolved significantly in recent years, driven by advances in diagnostic techniques, minimally invasive treatments, and a focus on patient care. Nursing plays a key role in this process, being fundamental in monitoring, health education, and the application of advanced procedures. According to the American Gastroenterological Association, digestive pathologies are one of the leading causes of hospitalization worldwide, directly impacting patients' quality of life and healthcare systems.

In this context, TECH presents a high-level Master's Degree in Gastroenterology Nursing, offering healthcare professionals the opportunity to specialize in this growing field. This university program provides a comprehensive update on the latest intervention strategies, from preoperative care to the management of complications and post-surgical care. Additionally, it covers the use of innovative technologies applied to diagnosis and treatment, enhancing the ability to respond effectively in clinical environments.

All of this is delivered through a 100% online methodology, carefully designed to fit the professional life of graduates. With no set schedule and access to cutting-edge multimedia content, this learning model guarantees a flexible and effective experience. Moreover, it includes TECH's pioneering learning method, Relearning, which allows students to update their knowledge at their own pace. With the support of recognized experts in the field, graduates will acquire key skills to operate confidently and competently in high-level gastroenterology units.

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

- The development of practical cases presented by experts in Gastroenterology Nursing
- 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
- Practical exercises where the self-assessment process can be carried out to improve learning
- A special emphasis on innovative methodologies in Gastroenterology Nursing
- 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



You will be able to identify digestive complications early, allowing you to act efficiently in emergency situations"

Introduction to the Program | 07 tech



You will access a progressive learning system that enables you to effectively integrate each module and advance in the management of digestive diseases"

The teaching team includes professionals from the field of Gastroenterology Nursing, who bring their practical experience to this program, alongside recognized specialists from prestigious societies and universities.

Its multimedia content, created with the latest educational technology, will provide professionals with situated and contextualized learning—i.e., a simulated environment that offers an immersive study experience designed to prepare for real-life situations.

This program is designed around Problem-Based Learning, whereby the student must try to solve the different professional practice situations that arise throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and experienced experts.

You will master advanced intervention techniques in digestive pathologies, enhancing your ability to make evidence-based clinical decisions and optimize patient care.

You will implement strategies for prevention and health education in digestive health, promoting the adoption of healthy habits.







tech 10 | Why Study at TECH?

The world's best online university, according to FORBES

The prestigious Forbes magazine, specialized in business and finance, has highlighted TECH as "the best online university in the world" This is what they have recently stated in an article in their digital edition in which they echo the success story of this institution, "thanks to the academic offer it provides, the selection of its teaching staff, and an innovative learning method oriented to form the professionals of the future".

The best top international faculty

TECH's faculty is made up of more than 6,000 professors of the highest international prestige. Professors, researchers and top executives of multinational companies, including Isaiah Covington, performance coach of the Boston Celtics; Magda Romanska, principal investigator at Harvard MetaLAB; Ignacio Wistumba, chairman of the department of translational molecular pathology at MD Anderson Cancer Center; and D.W. Pine, creative director of TIME magazine, among others.

The world's largest online university

TECH is the world's largest online university. We are the largest educational institution, with the best and widest digital educational catalog, one hundred percent online and covering most areas of knowledge. We offer the largest selection of our own degrees and accredited online undergraduate and postgraduate degrees. In total, more than 14,000 university programs, in ten different languages, making us the largest educational institution in the world.



The most complete syllabus





World's
No.1
The World's largest
online university

The most complete syllabuses on the university scene

TECH offers the most complete syllabuses on the university scene, with programs that cover fundamental concepts and, at the same time, the main scientific advances in their specific scientific areas. In addition, these programs are continuously updated to guarantee students the academic vanguard and the most demanded professional skills. and the most in-demand professional competencies. In this way, the university's qualifications provide its graduates with a significant advantage to propel their careers to success.

A unique learning method

TECH is the first university to use Relearning in all its programs. This is the best online learning methodology, accredited with international teaching quality certifications, provided by prestigious educational agencies. In addition, this innovative academic model is complemented by the "Case Method", thereby configuring a unique online teaching strategy. Innovative teaching resources are also implemented, including detailed videos, infographics and interactive summaries.

The official online university of the NBA

TECH is the official online university of the NBA. Thanks to our agreement with the biggest league in basketball, we offer our students exclusive university programs, as well as a wide variety of educational resources focused on the business of the league and other areas of the sports industry. Each program is made up of a uniquely designed syllabus and features exceptional guest hosts: professionals with a distinguished sports background who will offer their expertise on the most relevant topics.

Leaders in employability

TECH has become the leading university in employability. Ninety-nine percent of its students obtain jobs in the academic field they have studied within one year of completing any of the university's programs. A similar number achieve immediate career enhancement. All this thanks to a study methodology that bases its effectiveness on the acquisition of practical skills, which are absolutely necessary for professional development.









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Google Premier Partner

The American technology giant has awarded TECH the Google Premier Partner badge. This award, which is only available to 3% of the world's companies, highlights the efficient, flexible and tailored experience that this university provides to students. The recognition not only accredits the maximum rigor, performance and investment in TECH's digital infrastructures, but also places this university as one of the world's leading technology companies.

The top-rated university by its students

Students have positioned TECH as the world's top-rated university on the main review websites, with a highest rating of 4.9 out of 5, obtained from more than 1,000 reviews. These results consolidate TECH as the benchmark university institution at an international level, reflecting the excellence and positive impact of its educational model.





tech 14 | Syllabus

Module 1. Techniques in Gastroenterology Nursing

- 1.1. Correct Identification of Stool Types
- 1.2. Fecal Impaction Extraction
- 1.3. Cleansing Enemas
- 1.4. Insertion of Orogastric, Nasogastric, Nasoduodenal, and Nasojununal Tubes
- 1.5. Gastric Lavage

Module 2. Inflammatory Bowel Disease

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

Module 3. Pancreatic Pathology

- 3.1. Pancreatitis
- 3.2. Pancreatic Neoplasms

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. Colorectal Motility





Module 6. Digestive Hemorrhage

- 6.1. Upper and Lower Digestive Hemorrhage
- 6.2. Digestive Hemorrhage: Assessment and Emergency Management
- 6.3. Digestive Hemorrhage: Care

Module 7. Hepatic Pathology

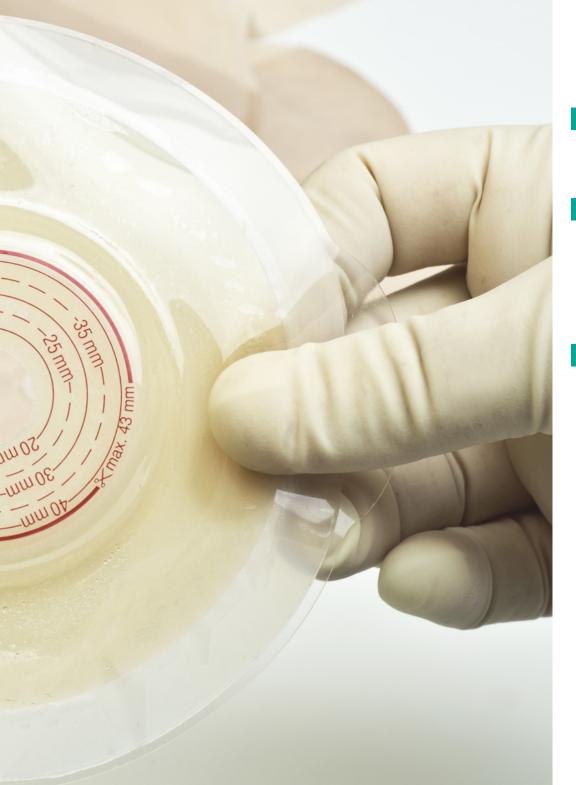
- 7.1. Acute Hepatitis
- 7.2. Chronic Hepatitis
- 7.3. Main Complications of Chronic Hepatitis: Cirrhosis
- 7.4. Nursing Procedures Related to Hepatic Alterations
- 7.5. Hepatocellular Carcinoma
- 7.6. Liver Transplantation

Module 8. Endoscopy

- 8.1. Gastroscopy
- 3.2. Colonoscopy
- 8.3. ERCP (Endoscopic Retrograde Cholangiopancreatography)
- 8.4. Placement of Esophageal Stents
- 8.5. TIPS (Transjugular Intrahepatic Porto-Systemic Shunt)
- 8.6. Endoscopic Treatment of Pancreatic Necrosis and Pseudocysts
- 8.7. Endoscopic Treatment of Cirrhotic Patients
- 8.8. Placement of PEG (Percutaneous Endoscopic Gastrostomy) Tubes
- 8.9. Importance of Colorectal Cancer Screening



Apply biosecurity measures and infection control in the Gastroenterology Service, ensuring patient protection at all times"







tech 18 | Teaching Objectives



General Objectives

- Acquire advanced competencies in the care of patients with digestive diseases, from prevention to treatment and follow-up
- Develop specialized skills in key areas such as ostomies, gastrointestinal motility, digestive hemorrhage, and hepatic pathologies
- Train professionals in the application of advanced techniques in endoscopy and other diagnostic and therapeutic procedures of the digestive system
- Form experts in the management of complex digestive diseases, improving care efficiency and quality in clinical environments
- Foster the ability to lead multidisciplinary teams and optimize intervention protocols in the field of digestive nursing
- Promote the acquisition of up-to-date knowledge on the latest trends and advancements in gastroenterology nursing specialization



Become an expert in advanced endoscopy techniques and other diagnostic procedures, applying them in the care of the digestive system"





Module 1. Techniques in Gastroenterology Nursing

- Determine the causes, effects, treatments, psychosocial aspects, and nutritional needs
 of different hepatic pathologies, and establish the most appropriate care plan for each
- Describe the procedure for preparing a patient for a liver transplant

Module 2. Inflammatory Bowel Disease

- Describe the pathophysiology, symptoms, and complications of Crohn's Disease and its impact on the digestive system
- Examine the clinical characteristics, 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

Module 4. Ostomies

- Classify the types of Ostomies and describe the different types of care they require
- Identify potential warning signs related to Ostomies and their functionality

Module 5. Gastrointestinal Motility

- Understand the fundamentals of gastrointestinal motility
- Describe the disorders associated with esophageal motility
- Analyze the mechanisms that regulate motility in the gastrointestinal tract
- Identify alterations in colorectal motility and their clinical management

Module 6. Digestive Hemorrhage

- Differentiate the causes of upper and lower digestive hemorrhage
- Identify the key steps in assessing a digestive hemorrhage

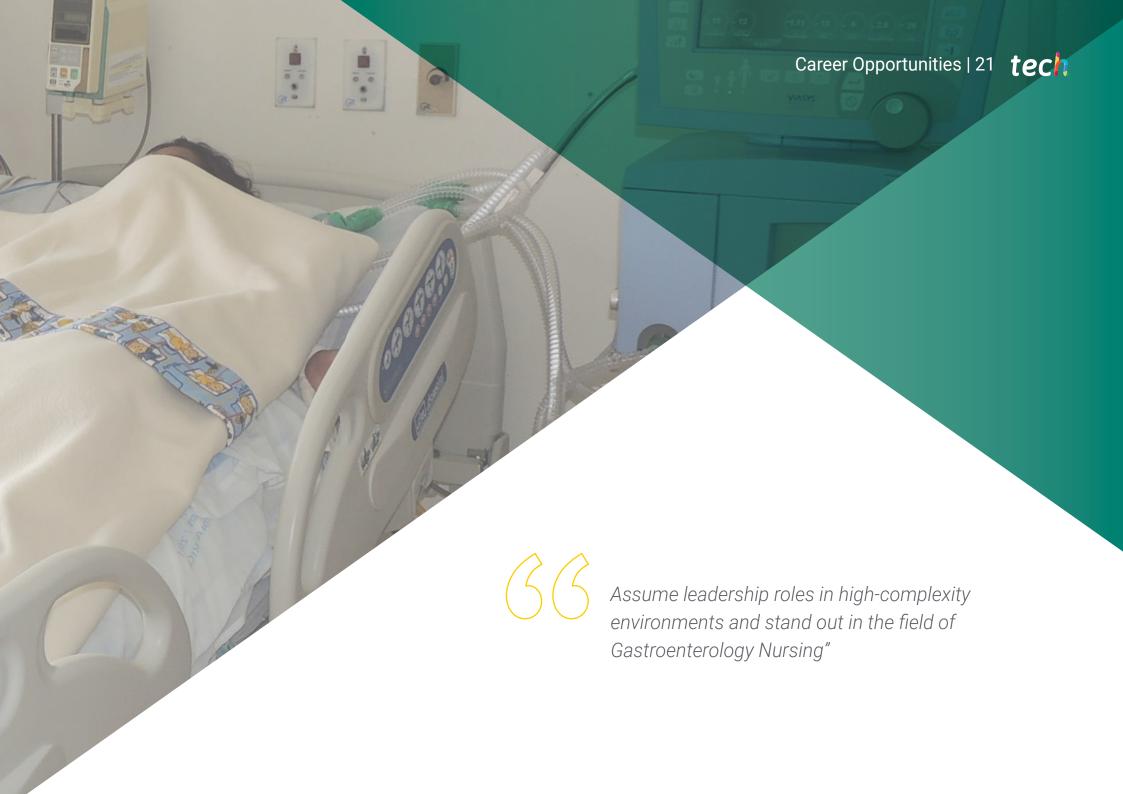
Module 7. Hepatic Pathology

- · Recognize the differences between acute and chronic hepatitis
- Examine the main complications of chronic hepatitis
- Apply appropriate nursing procedures for managing hepatic alterations
- Evaluate the treatment of hepatocellular carcinoma and the criteria for liver transplantation

Module 8. Endoscopy

- Describe the preparation before diagnostic exploratory and endoscopic tests in digestive pathology
- Explain the different endoscopic techniques and the placement of PEG tubes, as well as the pre- and post-procedural care
- Describe the procedure for inserting tubes, gastric lavage, cleansing enemas, and fecal impaction removal
- List the materials needed for performing endoscopic tests and describe their maintenance and care





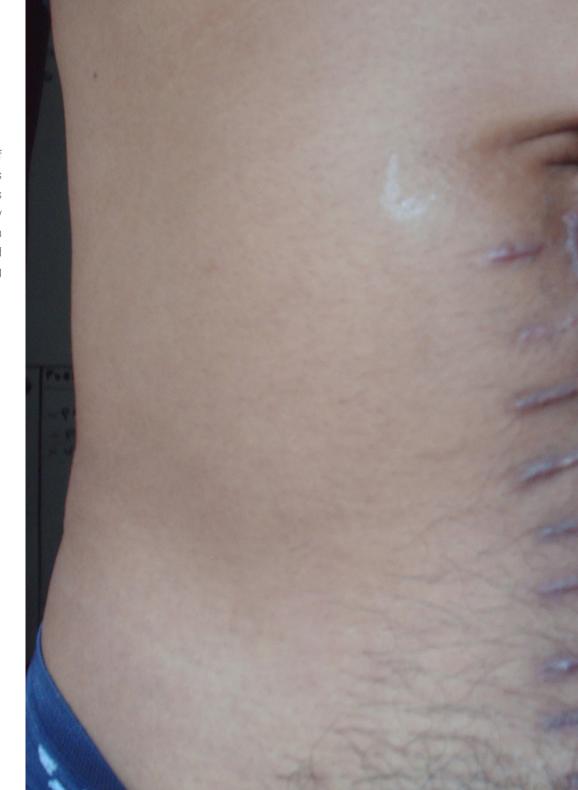
tech 22 | Career Opportunities

Graduate Profile

Graduates of this university program will be highly trained professionals capable of intervening in the management of complex digestive diseases, utilizing the latest techniques and cutting-edge protocols. They will also have advanced skills in procedures such as endoscopy, ostomies, and managing digestive complications, ensuring high-quality comprehensive care. Furthermore, they will be able to lead teams and optimize care in complex clinical environments. Their focus will always be on continuous improvement and the implementation of innovative strategies that enhance patient care efficiency, contributing to the advancement of the field of Gastroenterology Nursing.

With this professional profile, you will contribute to the implementation of innovative strategies in the care and management of complex digestive diseases.

- Management of Digestive Complications: Ability to identify, intervene, and manage severe complications in patients with digestive conditions, ensuring safe and effective care
- **Development of Intervention Protocols:** Competence to design, implement, and evaluate care protocols in Gastroenterology Nursing, improving the efficiency and quality of care
- Advanced Post-Surgical Care: Ability to provide specialized care and follow-up to patients after digestive surgical procedures, optimizing their recovery and quality of life
- Evaluation and Continuous Improvement in Digestive Care: Capacity to assess the quality of care provided and apply continuous improvement strategies in the care of patients with digestive diseases





Career Opportunities | 23 tech

After completing the university program, you will be able to apply your knowledge and skills in the following positions:

- 1. Specialized Gastroenterology Nurse: Responsible for managing the comprehensive care of patients with digestive diseases, leading the treatment and follow-up of complex conditions in specialized hospital or clinical settings.
- **2. Coordinator of Gastroenterology Units:** In charge of coordinating multidisciplinary teams in hospitalization units, optimizing intervention protocols, and ensuring the quality of care in the digestive area.
- **3. Gastroenterology Nursing Consultant:** Specialist in designing and optimizing care plans for patients with digestive pathologies, collaborating with medical teams and providing customized solutions for the continuous improvement of care processes.
- **4. Lead Nurse in Gastrointestinal Endoscopy:** In charge of supervising and performing endoscopic procedures, ensuring specialized care during the diagnosis and treatment of digestive diseases.
- **5. Project Manager in Gastroenterology Nursing:** Responsible for developing and implementing innovative projects to improve care for patients with digestive disorders in hospitals and healthcare centers.
- **6. Specialist in Post-Surgical Digestive Care:** Professional responsible for managing care and follow-up for patients after digestive surgeries, ensuring optimal recovery and the prevention of complications.
- 7. Specialized Nurse in Hepatic and Pancreatic Pathologies: Responsible for providing specialized care to patients with hepatic and pancreatic conditions, applying advanced protocols for treatment and follow-up.
- **8. Quality Supervisor in Digestive Care:** In charge of supervising and ensuring that the quality standards in the care of patients with digestive diseases are met, implementing continuous improvements in care processes.
- **9. Nurse in Digestive Rehabilitation Centers:** Specialist in the rehabilitation of patients with digestive issues, whether post-surgical or due to chronic diseases, providing care that promotes their recovery and quality of life.



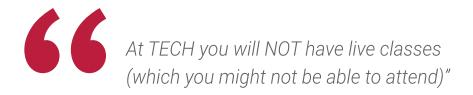


The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.









TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.



TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want"



tech 28 | Study Methodology

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.





A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule"

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

- 1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
- **2.** Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
- 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.

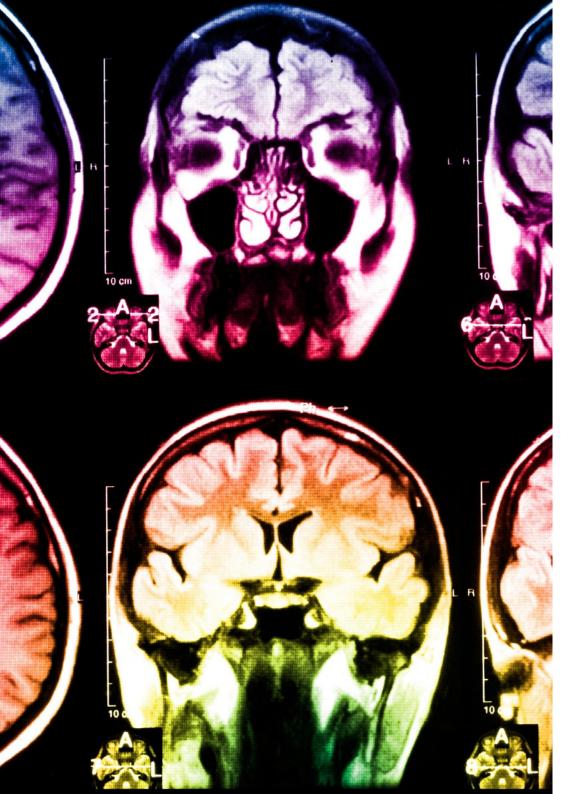


The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



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As such, the best educational materials, thoroughly prepared, will be available in this program:



Study Material

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

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

We present 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, international guides... In our virtual library you will have access to everything you need to complete your education.

Case Studies

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.



Testing & Retesting

We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.





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.



7%

17%





Management



Mr. García Sola, Guillermo

- President of the Spanish Association of Nursing in Digestive Pathology
- Specialist Nurse in Gastroenterology
- Degree in Nursing from the University of Alicante
- Master's Degree in Nursing Sciences
- Master's Degree in School Nursing from the University of Barcelona
- University Expert in Nursing Services Management for UNED
- Member of: Spanish Association of Digestive Pathology Nurses (AEEPD) and Spanish Society of School Nurses (SCE3)

Teachers

Mr. Molina Ribera, Juan

- Coordinator of Nursing for the Health Department
- Specialist in Ostomies
- Diploma in Nursing
- Master's Degree in Health Sciences Research from the University of Alicante (UA)
- Postgraduate in Emergency Nursing in Extrahospital Settings from the University of Alicante (UA)
- Expert in Stoma Therapy from the University of Alcalá

Ms. Ibáñez Zafón, Inés Ana

- Head of the EECC Unit at Hospital del Mar
- Secretary of the Scientific Committee of the Digestive Endoscopy Nursing Congress
- Member of the Spanish Association of Digestive Endoscopy Nursing
- Diploma in Nursing







tech 40 | Certificate

This private qualification will allow you to obtain a diploma for the **Master's Degree** in **Gastroenterology 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.

Mr./Ms. ______ with identification document ______ has successfully passed and obtained the title of:

Master's Degree in Gastroenterology Nursing

This is a private qualification of 1,800 hours of duration equivalent to 60 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

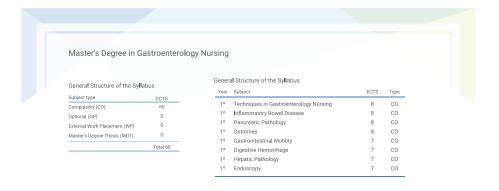
This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: Master's Degree in Gastroenterology Nursing

Modality: online

Duration: 12 months

Accreditation: 60 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.

health confidence people
leducation information tutors
guarantee accreditation teaching
institutions technology learning
community commitment



Master's Degree Gastroenterology Nursing

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

