

Postgraduate Diploma

Innovation in the Hospital Hematology
Department for Nursing



Postgraduate Diploma Innovation in the Hospital Hematology Department for Nursing

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Accreditation: 18 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/nursing/postgraduate-diploma/postgraduate-diploma-innovation-hospital-hematology-department-nursing

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01

Introduction to the Program

Innovation in the Hospital Hematology Department is transforming patient care and offering new opportunities for nursing professionals. In fact, one of the most notable advances is the integration of hospital pharmacists into multidisciplinary teams, which has improved patient safety and significantly reduced medication administration errors. This collaboration has also optimized the management of complex treatments such as chemotherapy, ensuring that nurses have the proper support to manage high-risk therapies. Within this framework, TECH has created a comprehensive 100% online program, fully flexible to adjust to the work and personal schedules of graduates, and based on the innovative Relearning methodology, a groundbreaking approach at this institution.





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With this 100% online Postgraduate Diploma, you will gain skills in the use of advanced digital tools, optimizing patient care and follow-up”

Innovation in the Hospital Hematology Department for Nursing has made notable progress, especially in the integration of digital technology and management tools that optimize patient care. For example, platforms such as LIVO, which use Artificial Intelligence, have transformed the way nurses manage their shifts and schedules, improving operational efficiency.

This is how this program came about, which will provide solid training in the use of advanced tools, such as the Electronic Health Record (EHR), Telemedicine and remote monitoring devices, allowing professionals to optimize patient follow-up and offer more personalized care. In addition, it will focus on the incorporation of Artificial Intelligence (AI) and Big Data analysis.

Likewise, skills will be acquired to design, execute and coordinate clinical trials, as well as to learn how to carry out the monitoring and control necessary to guarantee the safety and efficacy of the treatments under investigation. There will also be an in-depth look at the international regulations governing the development and commercialization of new drugs and therapies, which will ensure that nurses are up to date with the latest regulations and can integrate research into their daily practice.

Finally, the development of skills in clinical autonomy and informed decision making in the management of hematology patients will be promoted. Likewise, up-to-date care protocols will be applied, educating patients and their families on best practices for the management of hematologic diseases.

In this way, TECH has designed a completely online syllabus of excellent academic level that only requires an electronic device with an Internet connection to consult all the teaching materials, eliminating inconveniences such as having to travel to a physical center or the need to adhere to a fixed schedule. In turn, it will use the revolutionary Relearning methodology, which is based on the repetition of key concepts to achieve an effective and natural assimilation of the content.

This **Postgraduate Diploma in Innovation in the Hospital Hematology Department for Nursing** contains the most complete and up-to-date scientific program on the market.

The most important features include:

- ◆ The development of case studies presented by experts with a deep knowledge of detection and intervention techniques in Hematology Nursing, which facilitate the work of nurses in clinics, hospitals and other healthcare centers.
- ◆ The graphic, schematic and eminently practical contents with which it is conceived gather scientific and practical information on those disciplines that are indispensable for professional practice
- ◆ Practical exercises where the self-assessment process can be carried out to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ The availability of access to the contents from any fixed or portable device with an Internet connection



You will integrate Artificial Intelligence and Big Data analysis, facilitating more accurate diagnoses and personalized treatments, through the best teaching materials, at the technological and academic forefront”

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You will equip yourself with the skills to design, execute and coordinate clinical trials, fundamental for the validation of new treatments, always hand in hand with the world's best online university, according to Forbes: TECH”

The program's teaching staff includes professionals from the sector who contribute their work experience to this training program, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive training programmed to train in real situations.

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

You will acquire skills in the use of tools such as the Electronic Health Record (EHR), telemedicine and remote monitoring devices, thanks to an extensive library of innovative multimedia resources.

You will emphasize health education for both the patient and their family, providing them with the necessary knowledge to manage the home care of patients with hematologic diseases.



02

Why Study at TECH?

TECH is the world's largest online university. With an impressive catalog of more than 14,000 university programs available in 11 languages, it is positioned as a leader in employability, with a 99% job placement rate. In addition, it relies on an enormous faculty of more than 6,000 professors of the highest international renown.



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*Study at the world's largest online university
and guarantee your professional success.
The future starts 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".

Forbes

The best online university in the world

The most complete syllabus

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.

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.

TOP
international faculty



The most effective methodology

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 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.

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

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.



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.



03 Syllabus

Through a comprehensive approach, the program will cover key areas such as the use of advanced digital technologies, including the Digital Health Record, Telemedicine and remote monitoring devices, to optimize patient follow-up. In addition, research and clinical trials in hematology will be addressed, enabling nurses to participate in the design and execution of clinical studies. Emphasis will also be placed on autonomy in clinical decision making and the up-to-date management of care protocols, enabling professionals to improve their ability to offer personalized, quality care.





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The syllabus has been designed to provide nursing professionals with the tools and knowledge necessary to be at the forefront of hematological care”

Module 1. Digital Transformation in the Hematology Department in Nursing

- 1.1. Electronic Health Records (EHR) for Hematology Patients
 - 1.1.1. Implementation and Management of Electronic Health Records (EHR)
 - 1.1.2. Benefits and Challenges of Electronic Health Records (EHR) in Hematology
 - 1.1.3. Data Security and Privacy in Electronic Health Records (EHR)
- 1.2. Telemedicine and Teleconsultation in the Hematology Department
 - 1.2.1. Use of Telemedicine in the Follow-up of Hematology Patients
 - 1.2.2. Tools and Platforms for Teleconsultations
 - 1.2.3. Success Stories and Best Practices
- 1.3. Artificial Intelligence and Big Data in the Nursing Department
 - 1.3.1. Applications of AI in the Diagnosis and Treatment of Hematologic Diseases
 - 1.3.2. Analysis of Large Volumes of Data for Research and Improvement of Treatments
 - 1.3.3. Ethics and Use of AI and Big Data in Healthcare
- 1.4. Remote Monitoring of Hematology Patients by Nurses
 - 1.4.1. Devices and Technologies for Remote Monitoring
 - 1.4.2. Integration of Monitoring Data in Clinical Practice
 - 1.4.3. Impact on the Quality of Life of Hematology Patients
- 1.5. 3D Printing and Simulation Models for Nursing Service Training
 - 1.5.1. Bioprinting: Current and Future Applications in Hematology
 - 1.5.2. Use of 3D printing in the Creation of Anatomical Models for Treatment Planning
 - 1.5.3. Virtual Simulations for the Education and Training of Nursing Staff
- 1.6. Mobile Apps and mHealth for Monitoring Hematology Patients
 - 1.6.1. Development and Use of Mobile Applications for the Monitoring of Hematology Patients
 - 1.6.2. Evaluation of the Effectiveness of Health Apps in Hematology
 - 1.6.3. Health Promotion and Patient Education through mHealth
- 1.7. Gamification in Education and Treatment Adherence in the Hematology Department
 - 1.7.1. Use of Gamification Techniques to Improve Adherence to Treatment
 - 1.7.2. Educational Games and Applications for Patients and Healthcare Professionals
 - 1.7.3. Future Trends in Gamification



- 1.8. Augmented Reality (AR) and Virtual Reality (VR) for the Treatment of Hematologic Diseases from the Nursing Department
 - 1.8.1. AR Applications in Nursing Training
 - 1.8.2. VR Applications in Nursing Training
 - 1.8.3. Use of AR and VR for the Visualization of Complex Procedures
- 1.9. Cybersecurity in Healthcare
 - 1.9.1. Principle of Cybersecurity in the Healthcare Environment
 - 1.9.2. Cybersecurity Practices in the Healthcare Environment
 - 1.9.3. Protection of Patient Information and Regulatory Compliance
- 1.10. Future Trends in Digital Transformation in the Hematology Department
 - 1.10.1. Emerging Innovations and their Potential Impact
 - 1.10.2. Preparing Nursing Staff to Adapt to New Technologies
 - 1.10.3. Automation of Clinical Processes in Hematology
- 2.4. International Regulation of Clinical Trials
 - 2.4.1. Specific and Current International Legislation
 - 2.4.2. The Declaration of Helsinki and Standardized Procedures for Good Clinical Practice
 - 2.4.3. International Regulatory Framework
- 2.5. Clinical Trials Management in the Hematology Department
 - 2.5.1. Origin of a Clinical Trial
 - 2.5.2. Screening, Recruitment and Inclusion of Patients
 - 2.5.3. Contractual Relationship between the Subjects of the Trial
 - 2.5.4. Early Termination or Suspension of the Clinical Trial
- 2.6. Monitoring of Clinical Trials (CT) in Hematology
 - 2.6.1. Monitoring Objectives
 - 2.6.2. Deviations
 - 2.6.3. Pharmacovigilance in Clinical Trials
- 2.7. Follow-up of Patients in Clinical Trials in Hematology
 - 2.7.1. Data Collection and Management
 - 2.7.2. Data Protection and Confidentiality
 - 2.7.3. Strategies for Keeping Patients in Clinical Trials
- 2.8. Observational Studies in Hematology
 - 2.8.1. Observational Studies in Hematology
 - 2.8.2. Current Status of Clinical Trials
 - 2.8.3. Clinical Trials vs. Observational Studies
- 2.9. Financial Implications of Clinical Research
 - 2.9.1. Economic Impact of Clinical Trials (CT) on the Health System
 - 2.9.2. Economic Analysis of Clinical Trials: Costs and Benefits
 - 2.9.3. Funding of Clinical Trials
- 2.10. Audits and Inspections: Pillars of Clinical Trial Integrity
 - 2.10.1. Clinical Research Ethics Committee
 - 2.10.2. Difference between Audit and Inspection
 - 2.10.3. Objectives of Inspections and Audits

Module 2. Research and Clinical Trials in Hematology Nursing

- 2.1. Phases in the Development of a Drug
 - 2.1.1. Discovery and Development
 - 2.1.2. Preclinical and Clinical Phase
 - 2.1.3. Registration, Launch and Monitoring
 - 2.1.4. Post-Launch Actions
- 2.2. Clinical Trials in Hematology
 - 2.2.1. Clinical Trials
 - 2.2.2. Multidisciplinary Team
 - 2.2.3. Responsibilities of the Research Team
- 2.3. Classification of Clinical Trials in Hematology
 - 2.3.1. Types of Clinical Trials in Hematology
 - 2.3.2. Phases of Clinical Trial (CT)
 - 2.3.3. Representation of the Current Situation

Module 3. Update on the Hematology Nursing Department

- 3.1. Update on the Hematology and Hemotherapy Department
 - 3.1.1. Structure of a Hematology and Hemotherapy Unit
 - 3.1.1.1. Cytostatic Preparation Cabinet
 - 3.1.1.2. Transplant Unit
 - 3.1.1.3. Blood Bank
 - 3.1.1.4. Negative Pressure Rooms
 - 3.1.1.5. Medication Preparation Area
 - 3.1.1.6. Laboratory
 - 3.1.2. Roles and Responsibilities in the Multidisciplinary Team in a Hematology Unit
 - 3.1.3. Innovative Teaching and Learning Strategies in Hematology
- 3.2. Update on the Role of the Nursing Unit in the Hematology Department
 - 3.2.1. Update on the Role of the Nursing Unit in the Hematology and Hemotherapy Department
 - 3.2.2. Common Nursing Techniques in the Hematology Department
 - 3.2.3. Responsibilities of Nursing Professionals in the Hematology and Hemotherapy Department
- 3.3. Standardized Protocols for Procedures to Improve Efficiency and Quality in the Hematology Department
 - 3.3.1. Protocols for Administration of Chemotherapy
 - 3.3.2. Protocols for Central and Peripheral Catheter Care
 - 3.3.3. Protocols for Blood Sample Collection
 - 3.3.4. Protocols for Post-Bone Marrow Transplant Care
- 3.4. Importance of the Nursing Approach to the Efficiency and Quality of the Hematology Department and Opportunities for Improvement
 - 3.4.1. Critical Points and Margins for Improvement in Efficiency and Quality in the Hematology Department
 - 3.4.2. Professional Development and Empowerment of a Hematology Nurse
 - 3.4.3. Key Strategies for the Prevention of Complications in the Hematology and Hemotherapy Department





- 3.5. Intra-Hospital Support Services Referrals from the Nursing Department to Other Services and Specialties
 - 3.5.1. Resolution of Referrals
 - 3.5.2. Supervision of the Treatment and Transfusion of Blood Products
 - 3.5.3. Resolution and Education in the Management of Hematologic Complications
- 3.6. Teamwork in the Hematology Nursing Department to Improve Efficiency and Quality in Patient Care
 - 3.6.1. Nursing Teamwork in the Hematology Department to Improve Efficiency and Quality of Performance
 - 3.6.2. Nursing Teamwork Strategies in the Hematology Department
 - 3.6.3. Interdisciplinary Communication as a Key Element for Teamwork Among Nursing Professionals
- 3.7. Update on the Hematology Day Hospital
 - 3.7.1. Structure of the Hematology Day Hospital
 - 3.7.2. Functioning of the Hematology Day Hospital
 - 3.7.3. Benefits of the Hematology Day Hospital
- 3.8. Clinical Sessions in Hematology. Methodology
 - 3.8.1. Clinical Sessions in Hematology
 - 3.8.2. Purpose of Clinical Sessions in Hematology
 - 3.8.2.1. Case Analysis to Optimize Therapeutic Decisions
 - 3.8.3. Methodology for Building an Effective Clinical Session
- 3.9. Support Associations for Patients with Hematological Cancer
 - 3.9.1. Association Types
 - 3.9.2. Functions of Support Associations for Patients with Hematological Cancer
 - 3.9.3. Impact of Associations on Patients and their Families
- 3.10. Update on Oncohematological Nursing Consultations
 - 3.10.1. Update on Oncohematological Nursing Consultations
 - 3.10.2. Common Procedures in Oncohematological Nursing Consultations
 - 3.10.3. Health Education in the Hematology Department

04

Teaching Objectives

The qualification will seek to provide graduates with advanced skills in the use of digital technologies, such as the Digital Health Record, Telemedicine and remote monitoring devices, to optimize the management and care of patients. Participation in research and clinical trials will also be encouraged, developing skills for the design, execution and monitoring of studies that promote innovation in hematological treatments. In addition, the clinical autonomy of nurses will be strengthened, promoting the implementation of up-to-date protocols and health education for patients and families, thereby guaranteeing comprehensive, personalized and evidence-based care.



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The main objective of the study will be to prepare highly qualified professionals to face the current challenges in hematological care”



General Objectives

- ◆ Identify key technologies and their application in the Hematology Department
- ◆ Train professionals to perform the role of nursing in clinical trials, both at the research and care level
- ◆ Establish the basis for good clinical practice in the field of hematology clinical trials (CT)
- ◆ Examine the structure, functioning and role of nursing staff in hematology units
- ◆ Develop skills for the comprehensive care of hematology patients both in outpatient and inpatient settings



You will delve into the international regulations that govern clinical trial procedures, allowing you to understand how regulations affect the development and approval of innovative therapies”





Specific Objectives

Module 1. Digital Transformation in the Hematology Department in Nursing

- ♦ Educate students in the use and management of advanced digital technologies, such as the Digital Health Record (DHR), telemedicine and remote monitoring devices
- ♦ Promote the integration of Artificial Intelligence (AI) tools and Big Data analysis in clinical practice, facilitating more accurate diagnoses and personalized treatments
- ♦ Use 3D printing models and virtual simulations for treatment planning and continuing education
- ♦ Provide guidance on best practices in cybersecurity, ensuring the protection of patient data and compliance with current regulations

Module 2. Research and Clinical Trials in Hematology Nursing

- ♦ Enable students to design, execute and coordinate clinical trials in Hematology
- ♦ Develop the skills necessary to monitor and control a clinical trial in Hematology
- ♦ Evaluate how international regulations affect the process, development, approval and commercialization of new treatments and therapies
- ♦ Promote the integration of research into healthcare practice

Module 3. Update on the Hematology Nursing Department

- ♦ Acquire autonomy in the management of hematology patients and in clinical decision making
- ♦ Promote health education in the patient and family on the care necessary for the care of the hematology patient
- ♦ Implement and maintain up-to-date care protocols based on the most common techniques of a Hematology Unit

05

Career Opportunities

Graduates will be prepared to work in hospital hematology units, leading the implementation of advanced technologies and innovative protocols in patient care. They will also be able to participate in multidisciplinary research teams, contributing to the development and execution of clinical trials that promote new treatments and therapies. In addition, they will be qualified to take on consultancy and training roles in educational and healthcare centers, sharing their knowledge of advanced practices and digital management. Finally, they will be able to work in home care and telemedicine programs, offering effective and personalized solutions for patients.



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This program in Innovation in the Hospital Hematology Department for Nursing will open up a wide range of career opportunities in a constantly evolving sector”

Graduate Profile

The nurse will have a deep knowledge of the use of advanced digital tools, such as the Electronic Health Record, remote monitoring devices and Telemedicine, optimizing patient care and follow-up. They will also have the skills to participate in clinical research, from the design to the execution of trials, guaranteeing compliance with international regulations and contributing to the advancement of new treatments. In addition, they will combine clinical autonomy in decision making with the ability to implement up-to-date protocols, promoting personalized, efficient and evidence-based care.

Graduates of this university program are highly qualified professionals, capable of leading and applying technological and clinical innovations in hematological care in hospitals and clinics.

- ♦ **Ability to Work in an Interdisciplinary Team:** Collaborate effectively with professionals from different disciplines (hematologists, oncologists, nutritionists, psychologists, among others) to offer comprehensive and coordinated care to the hematological patient, improving clinical outcomes and quality of care
- ♦ **Effective Communication Management:** Develop skills to establish clear, empathetic and effective communication with patients and their families, facilitating understanding of treatments and management of the disease, as well as to work fluidly with other members of the healthcare team
- ♦ **Evidence-Based Decision Making:** Acquire the ability to apply critical thinking and scientific research in clinical decision making, using best practices and the latest advances in hematology to personalize care and improve patient health outcomes
- ♦ **Adaptation to New Health Technologies:** Integrate advanced technological tools, such as Digital Medical Records, Telemedicine and Big Data analysis, optimizing the diagnosis, treatment and monitoring of hematology patients





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

- 1. Specialist in Hospital Hematology Nurse:** Professional responsible for providing specialized care to patients with hematological diseases, working in specific hospital units.
- 2. Coordinator of Clinical Trials in Hematology:** Responsible for supervising and managing clinical trials in the area of Hematology, working with multidisciplinary teams.
- 3. Consultant in Technological Innovation for Hematology Nursing:** Specialist who advises healthcare institutions on the implementation of advanced technologies and digital solutions in hematological practice.
- 4. Health Educator in Hematology:** Professional dedicated to training patients, families and healthcare personnel on the care necessary for the management of hematologic diseases.
- 5. Home Care and Telemedicine Programs Manager in Hematology:** Manager of remote and home care services, adapted to the needs of hematology patients.
- 6. Quality Supervisor in Hematological Nursing Protocols:** Professional who ensures compliance with quality standards in the care and procedures of Hematology Units.

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You will implement and maintain up-to-date care protocols, based on the most advanced techniques used in hematology units, thanks to the support of the revolutionary Relearning methodology”

06

Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



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TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

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.

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*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

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*”

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 university methodology top-rated by its students

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.



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.
Learning from an expert strengthens knowledge and memory, and generates confidence for 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

Teaching Staff

The lecturers are highly qualified professionals with extensive experience in the clinical, academic and research fields. In fact, this team is made up of specialists in hematology, advanced nursing, health technology and clinical research, who will provide a comprehensive and up-to-date view of the discipline. As such, their pedagogical approach will combine academic rigor with a practical perspective, allowing graduates to acquire skills that are directly applicable in their work environment. In addition, they stand out for their participation in innovation projects and clinical trials.



“

The lecturers' commitment to academic excellence will ensure you an enriching and professionally oriented experience, with content aligned with the latest trends”

Management



Ms. Moreno Rivera, Nerea

- Director of Nursing at the Ruber Juan Bravo University Hospital
- Director of Nursing at the HLA Inmaculada University Hospital
- Head of Quality and Environment at the HLA Inmaculada University Hospital
- Head of Environment at the HLA Moncloa University Hospital
- Pharmacy Supervisor at the HLA Moncloa University Hospital
- ICU Supervisor at the HLA Moncloa University Hospital
- QX Supervisor at the HLA Moncloa University Hospital
- Master's Degree in Digital Management and Innovation Nursing Care from the European University of Madrid
- Master's Degree in Out-of-Hospital Emergencies from FUDEN
- University Expert in Human Resources Management Nursing from the UNED
- University Expert in Forensic and Legal Nursing from the UNED
- Diploma in Nursing from the Pontifical University of Salamanca

Professors

Ms. Castillo Gallardo, Vanessa

- ◆ Inpatient Supervisor at the Ruber Juan Bravo Hospital
- ◆ Nurse at the Quirónsalud Madrid University Hospital
- ◆ Nurse at the Nuestra Señora de América Hospital
- ◆ Nurse at the Gregorio Marañón General University Hospital
- ◆ Senior Technician in the Clinical Diagnostic Laboratory
- ◆ University Expert in Nursing Processes and Interventions for Adult Patients in Life-Threatening Situations from the Catholic University of Ávila
- ◆ Degree in Nursing from the “Salus Infirmorum” Faculty of Nursing and Physiotherapy

Ms. Bouza Nebrera, Irene

- ◆ Inpatient Supervisor at the Ruber Juan Bravo Hospital
- ◆ Inpatient Care Nurse at the Hospital del Sureste
- ◆ Care Nurse at the Hospital Moncloa (ASISA)
- ◆ University Expert in Health Services Management from the CEU
- ◆ University Expert in Nursing Management from the CEU
- ◆ Diploma in Nursing from the Autonomous University of Madrid

Ms. Gimeno Esteban, Amparo

- ◆ Director of Quality, Safety and Patient Experience at Ruber Juan Bravo Hospital
- ◆ Patient Safety Nurse at Ruber Juan Bravo Hospital
- ◆ Operating Room, ICU and Resuscitation Nurse at Ruber Juan Bravo Hospital
- ◆ Inpatient Nurse in Oncology, Hematology and Pediatrics at Juan Ramón Jiménez Hospital
- ◆ Master's Degree in Patient Safety from the University of La Rioja
- ◆ Master's Degree in Nursing Management from the Camilo José Cela University
- ◆ Master's Degree in Human Resources Management from the EFEM Gates Group
- ◆ University Diploma in Nursing from the University of Huelva

Ms. González Reyes, Saray

- ◆ Patient Safety Representative and Manager
- ◆ Inpatient Nurse at Ruber Juan Bravo Hospital
- ◆ Nurse in the Surgery and Hematology Units at the Cemtro Clinic
- ◆ Nurse in the Neurosurgery, Neurology and Stroke Code Unit at La Princesa Hospital
- ◆ Nurse in the Intensive Care Unit at the Gregorio Marañón General University Hospital
- ◆ Emergency Room and Intensive Care Unit Nurse at Nuestra Señora de América Hospital
- ◆ Nurse in the General Surgery, Traumatology, Cardiology, Maternity and Internal Medicine Units at the 9 de Octubre Hospital
- ◆ Nurse in the Extractions and Surgery Unit at the Virgen de la Peña General Hospital of Fuerteventura
- ◆ University Course in Operating Theatre by CEU
- ◆ Degree in Nursing from the European University of Valencia



All the lecturers on this program have extensive experience, offering you an innovative perspective on the main advances in this field of study”

08

Certificate

The Postgraduate Diploma in Innovation in the Hospital Hematology Department for Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate 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 **Postgraduate Diploma in Innovation in the Hospital Hematology Department for 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.

Title: **Innovation in the Hospital Hematology Department for Nursing**

Modality: **online**

Duration: **6 months**

Accreditation: **18 ECTS**



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

future
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education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present
online training
development languages
virtual classroom



Postgraduate Diploma
Innovation in the Hospital
Hematology Department
for Nursing

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Accreditation: 18 ECTS
- » Schedule: at your own pace
- » Exams: online

Postgraduate Diploma

Innovation in the Hospital Hematology
Department for Nursing

