

Internship Program Human Microbiota for Nursing

A composite image showing various microscopic views of human skin microbiota. The top right shows purple, textured, rounded structures. The bottom left shows green, fibrous structures. The bottom center shows brown, porous structures. The bottom right shows white, textured structures. The word 'tech' is overlaid in the bottom right corner.

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Internship Program
Human Microbiota
for Nursing

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01 Introduction

Nowadays, science and technology have brought many advances in the management of pathologies caused by the bacterial flora of the human body. In order to be able to control or influence the therapeutic care of these conditions, the nursing staff must be continuously up-to-date. Paradoxically, these professionals do not have sufficient qualifications to keep them up-to-date in the pedagogical market. For this reason, TECH launches this intensive and immersive on-site program. During the internship, the student will spend 3 weeks in a renowned hospital center. At this institution, the student will implement cutting-edge procedures under the supervision of leading experts and the personalized advice of an assistant tutor.



Don't wait any longer and sign up with TECH so you can expand your Nursing competences and apply the most exhaustive therapeutic techniques for the intervention of bacterial infections in the genitourinary tract"





Medical sciences are continuously moving forward in the search for better treatments against pathologies caused by bacteria. Irritable Bowel Syndrome, Crohn's disease, or intestinal Dysbiosis are some of the most complex and which currently have more extensive procedures and protocols for intervention. In the implementation of such care, the Nursing professional is indispensable. However, not all professionals in the sector manage to keep up. This is because most of the programs in the educational market do not delve into the most recent applications and techniques for this area of health care.

In this context, TECH has developed a pioneering program of its typology. This Internship Program in Human Microbiota for Nurses is integrated with a face-to-face and intensive internship in a hospital center of the highest prestige. The educational process will last 3 weeks, organized in 8-hour consecutive days, from Monday to Friday. During this time, each student will handle new generation therapeutic protocols and equipment. In this way, they will be able to apply them directly and on real patients according to international standards.

The program will also allow the graduate to discuss cutting-edge procedures with leading experts. In this way, they will be able to expand their competencies based on the experiences of the best professionals. At the same time, an assistant tutor will be in charge of monitoring all progress and inserting dynamic assignments throughout the educational modality. At the end of this immersive didactic moment, the nurse will be ready to take on highly rigorous professional challenges and implement the most modern healthcare resources with excellence.

02

Why Study an Internship Program?

The need for nursing professionals to be up-to-date on therapeutic advances for the Human Microbiota is imperative. This is due to the fact that this area is growing by leaps and bounds and continuously improving its procedures and work tools. For this reason, TECH has designed a rigorous academic product that guarantees the updating of these professionals. In a face-to-face, intensive, and immersive manner, the student will analyze on-site intervention protocols, adjusted to the latest scientific evidence. All this in a state-of-the-art hospital environment, equipped with the best therapeutic tools and a team of experts of the highest prestige.



TECH, the largest digital university in the world, will open the doors of hospital institutions where you will get the most up-to-date nursing skills for the control of viral and bacterial skin pathologies"

1. Updating from the Latest Technology Available

The working tools for the control and intervention of bacterial pathologies have been improved in recent times, requiring from the nursing professionals a better qualification for their management. For this reason, TECH offers the most up-to-date procedures and uses for their correct application through the direct handling of real patients in a clinical environment of the highest quality.

2. Gaining In-depth Knowledge from the Experience of Top Specialists

The students of this Internship Program will be accompanied at all times by experts of international prestige. These professionals will make direct recommendations on their procedures and discuss specific interventions with the graduate. In addition, an assistant tutor will offer you a personalized guide, with which you will clarify doubts and concepts of interest throughout the on-site updating process.

3. Entering First-Class Clinical Environments

TECH carefully selects all available centers for Internship Programs. As a result, the nurse will have guaranteed access to a prestigious clinical environment. In other words, you will have the opportunity to implement exhaustive and rigorous work methodologies in an intensive and immersive 3-week internship.

4. Putting the acquired knowledge into daily practice from the very first moment

The educational market is plagued by educational programs that are poorly adapted to the daily work of the nurse and require long teaching hours. In this scenario, TECH offers a new learning model, 100% practical, which allows you to be in charge of the latest generation procedures for the control of the Human Microbiota from an internationally prestigious hospital center, with the best experts and healthcare resources.

5. Expanding the Boundaries of Knowledge

TECH offers the possibility of carrying out this Internship Program in centers of international importance. In this way, the nurse will be able to expand their frontiers and catch up with the best professionals, who practice in first class hospitals. A unique opportunity that only TECH, the largest online university in the world, could offer.



You will have full practical immersion at the center of your choice"

03 Objectives

The objective of this Internship Program is to update nurses on the most advanced therapeutic techniques for the management of the Human Microbiota. For this purpose, you will have at your disposal an innovative, 100% practical, and face-to-face modality of study. This internship will take place in a renowned hospital center, under the supervision of leading experts.



General Objectives

- ♦ Update knowledge about the Human Microbiota, methods to ensure its balance, and valuing the multiple factors that influence it positively and negatively
- ♦ Back up with scientific evidence how nowadays a privileged position is being given to the Microbiota and its interaction with many non-digestive pathologies, of autoimmune nature or its relationship with the deregulation of the immune system, the prevention of diseases, and as support to other treatments in the daily practice of Nurses
- ♦ Promote work strategies based on the integral approach of the patient as a reference model, not only focusing on the symptomatology of the specific pathology, but also looking at its interaction with the Microbiota and how it may be influencing it
- ♦ Encourage professional stimulation through continuous education and research





Specific Objectives

- ◆ Update and clarify general and key terms for a full understanding of the subject such as Microbiome, Metagenomics, Microbiota, Symbiosis, Dysbiosis
- ◆ Enhance knowledge of how drugs designed for humans can have a negative impact on the gut Microbiota, in addition to the known impact of antibiotics
- ◆ Study the microbial communities that coexist in symbiosis with humans, learning more about their structure and functions and how these communities can be altered due to factors such as diet, lifestyle, etc
- ◆ Understand the relationship between intestinal pathologies: SIBO, Irritable Bowel Syndrome (IBS), Crohn's disease, and intestinal dysbiosis
- ◆ Delve in the clinical applications of probiotics and prebiotics in the pediatric patient
- ◆ Acquire an in-depth knowledge of all the oral and respiratory structure and the ecosystems that live in them, seeing how an alteration of these ecosystems has a direct relationship with many associated pathologies
- ◆ Analyze the role of nutrition and lifestyle and their interaction with the immune system and Microbiota
- ◆ Have thorough examine of the safety profile of probiotics, since, although their use has become more widespread in recent years thanks to their proven efficacy, both for the treatment and prevention of certain diseases, this does not exempt them from generating adverse effects and potential risks
- ◆ Research the various clinical applications of probiotics and prebiotics in areas such as urology, gynecology, gastroenterology and immunology

04 Educational Plan

This Internship Program make of an internship at a prestigious center for 3 weeks, from Monday to Friday, with 8 consecutive hours of practical training with an attending specialist. This internship will facilitate access to real patients, applying innovative therapeutic procedures focused on the intervention of pathologies related to the Human Microbiota.

In this completely practical Internship Program, the activities are aimed at developing and perfecting the skills necessary to provide healthcare in areas and conditions that require highly qualified professionals, and are oriented towards specific expertise for practicing the activity, in a safe environment for the patient and with highly professional performance.

In addition, you will be advised by leading experts with extensive experience in the management of these strategies. Also, you will be supervised by an assistant tutor. The personalized guidance of this pedagogical figure will allow you to acquire a first-class professional practice and to apply the latest protocols in your daily diagnostic and therapeutic practice.

The practical education will be carried out with the active participation of the student performing the activities and procedures of each area of competence (learning to learn and learning to do), with the accompaniment and guidance of teachers and other fellow trainees who facilitate teamwork and multidisciplinary integration as transversal competencies for the practice of nursing (learning to be and learning to relate).





The procedures described below will form the basis of the practical part of the internship, and their implementation is subject to both the suitability of the patients and the availability of the center and its workload, with the proposed activities being as follows:

Module	Practical Activity
Gut microbiota from the field of Nursing	Detect and notify the doctor about problems in a patient's intestinal microbiota after studying his diet and lifestyle
	Apply therapeutic interventions, according to medical recommendations, for different intestinal infections caused by viruses, bacteria or parasites, using medical strategies based on the latest scientific evidence
	Understand the interactions of some pharmaceutical drugs against intestinal bacterial pathologies in order to prevent adverse reactions
Microbiota of the skin from the field of Nursing	Support the specialist in the identification of cutaneous diseases that has occurred as a result of an imbalance in the bacterial flora of the patient
	Manage laser therapeutic technologies against cutaneous pathologies triggered by the most modern methods, according to specialized medical criteria
	Collect biopsy samples and other skin analyses to contribute to the diagnosis of viral or bacterial pathologies
Nursing procedures for intolerances and allergies linked to alterations of the Microbiota	Monitor and control the diet of patients with intolerance to dairy products
	Administer and monitor the consumption of probiotics and prebiotics to promote microbiota recovery in patients with gluten intolerance
Latest trends in probiotics and prebiotics for Nursing	Monitor probiotic treatments for patients presenting with various urological or gynecological problems
	Care for the elderly, using probiotics and prebiotics as a method of preventing various diseases
	Recognize the symptoms resulting from autoimmune diseases and notify the doctor in case of those discomforts.

05

Where Can I Do the Internship Program?

This rigorous clinical practice will be carried out in a prestigious hospital. For this purpose, TECH has selected facilities equipped with the latest technology and a distinguished team of experts. In addition, the nurses will have the opportunity to choose the center that best suits their geographical location, since institutions located in different latitudes have been taken into account for the internship, providing an academic update of international character.

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Enroll now in this program that will give you access to internationally renowned hospitals where you will elevate your nursing career to excellence”





The student will be able to do this program at the following centers:



Nursing

Hospital HM Modelo

Country: Spain City: La Coruña

Address: Rúa Virrey Osorio, 30, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Nursing

Hospital HM Rosaleda

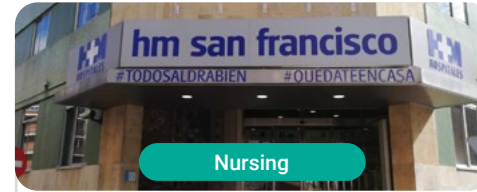
Country: Spain City: La Coruña

Address: Rúa de Santiago León de Caracas, 1, 15701, Santiago de Compostela, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Hair Transplantation
- Orthodontics and Dentofacial Orthopedics



Nursing

Hospital HM San Francisco

Country: Spain City: León

Address: C. Marqueses de San Isidro, 11, 24004, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Nursing in the Traumatology Department



Nursing

Hospital HM Regla

Country: Spain City: León

Address: Calle Cardenal Landázuri, 2, 24003, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Update on Psychiatric Treatment in Minor Patients



Nursing

Hospital HM Nou Delfos

Country: Spain City: Barcelona

Address: Avinguda de Vallcarca, 151, 08023 Barcelona

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Aesthetic Medicine
- Clinical Nutrition in Medicine



Nursing

Hospital HM Madrid

Country: Spain City: Madrid

Address: Pl. del Conde del Valle de Súchil, 16, 28015, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Palliative Care
- Anaesthesiology and Resuscitation



Nursing

Hospital HM Montepíncipe

Country: Spain City: Madrid

Address: Av. de Montepíncipe, 25, 28660, Boadilla del Monte, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Palliative Care
- Aesthetic Medicine



Nursing

Hospital HM Torrelodones

Country: Spain City: Madrid

Address: Av. Castillo Olivares, s/n, 28250, Torrelodones, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Nursing

Hospital HM Sanchinarro

Country	City
Spain	Madrid

Address: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Nursing

Hospital HM Puerta del Sur

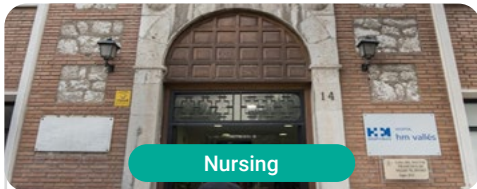
Country	City
Spain	Madrid

Address: Av. Carlos V, 70, 28938, Móstoles, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Palliative Care
- Clinical Ophthalmology



Nursing

Hospital HM Vallés

Country	City
Spain	Madrid

Address: Calle Santiago, 14, 28801, Alcalá de Henares, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Gynecologic Oncology
- Clinical Ophthalmology



Nursing

Policlínico HM Cruz Verde

Country	City
Spain	Madrid

Address: Plaza de la Cruz Verde, 1-3, 28807, Alcalá de Henares, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Advanced Clinical Podiatry
- Optical Technologies and Clinical Optometry





Nursing

Policlínico HM Distrito Telefónica

Country	City
Spain	Madrid

Address: Ronda de la Comunicación, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Optical Technologies and Clinical Optometry
- General and Digestive System Surgery



Nursing

Policlínico HM Gabinete Velázquez

Country	City
Spain	Madrid

Address: C. de Jorge Juan, 19, 1º 28001, 28001, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Clinical Nutrition in Medicine
- Aesthetic Plastic Surgery



Nursing

Policlínico HM Sanchinarro

Country	City
Spain	Madrid

Address: Av. de Manoteras, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Human Microbiota for Nursing



Nursing

Policlínico HM Imi Toledo

Country	City
Spain	Toledo

Address: Av. de Irlanda, 21, 45005, Toledo

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Electrotherapy in Rehabilitation Medicine
- Hair Transplantation

06

General Conditions

Civil Liability Insurance

This institution's main concern is to guarantee the safety of the trainees and other collaborating agents involved in the internship process at the company. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

To this end, this entity commits to purchasing a civil liability insurance policy to cover any eventuality that may arise during the course of the internship at the center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. That way professionals will not have to worry in case of having to face an unexpected situation and will be covered until the end of the internship program at the center.



General Conditions of the Internship Program

The general terms and conditions of the internship agreement for the program are as follows:

1. TUTOR: During the Internship Program, students will be assigned with two tutors who will accompany them throughout the process, answering any doubts and questions that may arise. On the one hand, there will be a professional tutor belonging to the internship center who will have the purpose of guiding and supporting the student at all times. On the other hand, they will also be assigned with an academic tutor, whose mission will be to coordinate and help the students during the whole process, solving doubts and facilitating everything they may need. In this way, the student will be accompanied and will be able to discuss any doubts that may arise, both clinical and academic.

2. DURATION: The internship program will have a duration of three continuous weeks, in 8-hour days, 5 days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements.

3. ABSENCE: If the students does not show up on the start date of the Internship Program, they will lose the right to it, without the possibility of reimbursement or change of dates. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship, therefore, automatic termination of the internship. Any problems that may arise during the course of the internship must be urgently reported to the academic tutor.

4. CERTIFICATION: Professionals who pass the Internship Program will receive a certificate accrediting their stay at the center.

5. EMPLOYMENT RELATIONSHIP: The Internship Program shall not constitute an employment relationship of any kind.

6. PRIOR EDUCATION: Some centers may require a certificate of prior education for the Internship Program. In these cases, it will be necessary to submit it to the TECH internship department so that the assignment of the chosen center can be confirmed.

7. DOES NOT INCLUDE: The Internship Program will not include any element not described in the present conditions. Therefore, it does not include accommodation, transportation to the city where the internship takes place, visas or any other items not listed

However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case.

07 Certificate

This **Internship Program in Human Microbiota for Nursing** contains the most complete and up-to-date program in the professional and academic landscape.

After the student has passed the assessments, they will receive their corresponding Internship Program diploma issued by TECH Technological University via tracked delivery*.

The diploma issued by TECH will reflect the grade obtained in the test.

Title: **Internship Program in Human Microbiota for Nursing**

Duration: **3 weeks**

Attendance: **Monday to Friday, 8-hour consecutive shifts**

Total Hours: **120 h. of professional practice**



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