

Internship Program

Advances in Tropical Diseases





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university

Internship Program
Advances in Tropical Diseases

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01 Introduction

Tropical diseases are becoming more and more frequent in doctor's offices due to the popularization of international travel. As a result, new medicines and treatments have been developed in recent years to overcome these pathologies in order to ensure the patients' health. Due to this circumstance and the need for updating, TECH has created this 100% practical program, which will allow the professional to handle the updated diagnostic and therapeutic methods for parasitic or bacterial tropical diseases. Through a 3-week internship in a prestigious hospital and accompanied by the best experts, the student will acquire cutting-edge skills that will enhance their daily practice.



You will learn, through this program, the latest procedures to detect and treat diseases such as Yellow Fever or Malaria"





In developing countries, the transmission of tropical diseases is very common due to the scarce economic and health resources available to prevent their spread. Thousands of travelers come to doctors' offices or hospitals with different pathologies of this type.

As a result, new mechanisms for the prevention, detection and treatment of these diseases have recently emerged, focused on preventing their spread and, in the case of infection, to guarantee an optimal recovery. For this reason, professionals specializing in this branch of medicine are required to apply all of these advances in order to offer a quality healthcare service and preserve the patient's health intact. Due to this situation and with the objective of providing the doctor with these new skills, TECH has created this exclusively practical program.

During 3 intensive weeks, the doctor will enjoy an internship in a high prestige hospital center, having the latest technology and tools at their disposal. As part of a multidisciplinary team made up of the best medical professionals, you will observe and perform the latest procedures in the field of tropical diseases. In this way, you will manage the most efficient treatments to treat bacterial and fungal pathologies or update your skills in their prevention and detection methods.

In order to guarantee the excellence of this academic period, the student will be supervised throughout their internship by a specially assigned tutor, who will be responsible for solving all their concerns and preserving an adequate learning process. This Internship, therefore, is an excellent opportunity to be at the forefront of the medical sector in a short period of time and with the best experts.

02

Why Study an Internship Program?

In the field of medicine, the proper application of diagnostic and therapeutic procedures is essential to ensure the well-being of patients. However, it is difficult to combine the long working hours with learning. For this reason, TECH has created this program, which will allow doctors to update all their knowledge of tropical diseases in an exclusively practical way and in just 3 weeks. During this time, you will be part of an excellent team made up of the best experts in this field, adopting new skills that will favor your professional growth.



TECH will allow you to spend 3 weeks in a prestigious hospital to apply the most advanced techniques in the detection and treatment of tropical diseases in your work methodology”

1. Updating from the Latest Technology Available

The medical field of tropical diseases has undergone numerous modifications due to the constant development of new medications, diagnostic and preventive methods to treat these pathologies. Because of this, TECH has created this Internship Program, in order to provide the expert with all these developments in just 3 weeks.

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

During their internship, students will be supervised by a large team of professionals with extensive experience in the world of medicine, who will provide them with the most up-to-date knowledge in the prevention, detection and treatment of tropical diseases. Likewise, you will be guided at all times by your tutor.

3. Entering First-Class Clinical Environments

TECH carefully selects all available centers for Internship Programs. As a result, the specialist will have guaranteed access to a prestigious clinical environment in the field of tropical diseases. In this way, you will be able to see the day-to-day work of a demanding, rigorous and exhaustive sector, always applying the latest theses and scientific postulates in its work methods.



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

Given the high academic demand for programs that offer content with real applicability in the workplace, TECH has created an innovative learning model that is 100% practical. Thanks to this, the doctor will have access for 3 weeks to a high-level hospital center to adopt and apply the latest procedures in the treatment of tropical diseases.

5. Expanding the Boundaries of Knowledge

TECH offers the possibility of carrying out this Internship Program in centers of international importance. This way, the Doctor will be able to expand their frontiers and catch up with the best professionals, who practice in first class centers and in different continents. A unique opportunity that only TECH could offer to its students.



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

03 Objectives

The objective of this Internship Program is to update the doctor's diagnostic and therapeutic knowledge in tropical diseases in a practical way, through a stay in a hospital of maximum prestige, next to the best specialists in this field and using the latest technology.



General Objective

- Manage the latest preventive, diagnostic and treatment techniques for tropical diseases, based on the latest scientific evidence in this field



You will master, with this Internship Program, the latest techniques for the treatment of various tropical diseases"





Specific Objectives

- ◆ Implement plans for the prevention of tropical diseases
- ◆ Emphasize the future challenges of tropical medicine, the reduction of morbidity and mortality from tropical diseases, and international health
- ◆ Emphasize the development of future antibiotics and other therapeutic modalities for infectious diseases
- ◆ Assess and interpret the epidemiological, climatological, social, cultural and sanitary characteristics and conditions of tropical countries that favor the emergence and development of infectious diseases and their spread to other regions
- ◆ Address in detail and depth the most up-to-date scientific evidence in the vast world of vector control and tropical viral diseases
- ◆ Explain the pathogenic mechanisms and the most frequent neoplasms associated with infectious agents in the tropics
- ◆ Identify the main germs involved in foodborne infections and their clinical significance in tropical regions
- ◆ Master the main characteristics of Paracoccidioidomycosis, Coccidioidomycosis, Blastomycosis, Cryptococcosis or Candidiasis
- ◆ Explain the clinical, diagnostic, and therapeutic elements of neglected tropical diseases
- ◆ Understand the epidemiology, microbiology and clinical picture of non-vectorial parasitic diseases
- ◆ Describe the diagnosis and treatment of non-vectorial parasitic diseases
- ◆ Identify the complex interrelationships between etiologic germs and risk factors for the acquisition of tropical diseases

04

Educational Plan

This program consists of a practical phase in a prestigious center, lasting 3 weeks, from Monday to Friday with 8 consecutive hours of work with an associate specialist in tropical diseases. This internship will allow the student to observe and act on real cases alongside a team of leading professionals in this area of medicine, applying the most innovative diagnostic procedures and planning the latest generation of therapy for each pathology.

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.

It is undoubtedly an opportunity to learn by working in the innovative hospital of the future, where the application of modern diagnostic techniques or updated treatments is the basis for ensuring the health of patients affected by tropical diseases. This is a new way of understanding and integrating healthcare processes, and makes a reference center the ideal teaching scenario for this innovative experience in the improvement of professional skills.

Practical teaching 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 support and guidance of professors and other training partners that facilitate teamwork and multidisciplinary integration as transversal competencies for medical practice (learning to be and learning to relate).



Receive specialized education in an institution that can offer you all these possibilities, with an innovative academic program and a human team that will help you develop your full potential"



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
Microbiology, Genetics, and Immunology of Tropical Diseases	Establish up-to-date rapid diagnostics to detect the tropical disease the patient is suffering from
	Apply novel antibiotics for the treatment of various tropical diseases
Tropical Viral Diseases	Apply state-of-the-art pharmacological treatment for various types of tropical viral diseases
	Preventing different viral diseases through the use of modern vaccines
Vector-borne and non-vector-borne parasitic diseases	Diagnose a possible case of Chagas disease, using the most up-to-date diagnostic methods
	Apply the most effective procedures for Malaria prevention
	Addressing the treatment of Teniasis for different types of patients
Bacterial Tropical Diseases	Provide leprosy treatment based on the latest scientific evidence in this field
	Address the treatment of tropical bacterial meningitis
Travel Medicine	Develop a specific and updated vaccination plan, adapted to the needs of the traveler with special conditions
	Diagnose the pathology of a patient with febrile syndrome on return from international travel
	Carry out an efficient treatment for skin injuries suffered by a patient who has made an international trip

05 Where Can I Do the Internship Program?

With the intention of providing an academic program with the highest quality for its students, TECH offers the possibility of doing the internship in a high level hospital center, specialized in the treatment of tropical diseases. Therefore, with the best experts in this field, the professional will learn the most updated and effective skills in this branch of medicine.



This Internship Program will allow you to access the best hospitals to learn the most updated skills in the approach to tropical diseases, together with the best professionals”





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

Policlínico HM Sanchinarro

Country	City
Spain BORRAR	Madrid

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

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

Related internship programs:
Gynecological Care for Obstetricians
- Nursing in the Digestive Tract Department



Make the most of this opportunity to surround yourself with expert professionals and learn from their work methodology"

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 program agreement shall be as follows: 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 private qualification will allow you to obtain an **Internship Program's diploma in Advances in Tropical Diseases** 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: **Internship Program in Advances in Tropical Diseases**

Duration: **3 weeks**

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

Accreditation: **4 ECTS**



future
health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present quality
development languages
virtual classroom



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