

# Internship Program Infectious Diseases in Small Animals





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university

Internship Program  
Infectious Diseases  
in Small Animals

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# 01 Introduction

Animals often have various infectious diseases that, if not properly treated, can be transmitted to humans. Therefore, in recent years, new drugs and therapies have been developed to eliminate these diseases and prevent their spread. To ensure the welfare of pets and their owners, veterinarians must master the updated mechanisms of prevention and approach to parasitic, tropical or viral diseases, among others. Because of this, TECH has created this program, which will allow the student access for 3 weeks to a prestigious veterinary clinic to assimilate in first person, and surrounded by the best experts, all the advances in the field of Infectious Diseases in Small Animals.

“

*You will master, thanks to this program, the updated procedures of prevention and approach of different parasitic, tropical or viral diseases that affect small animals”*





Infectious diseases are still a major challenge in veterinary practices today. On a daily basis, many users come to the clinics with their pets, which present possible cases of viral, parasitic or bacterial infections. Although many of them are immunopreventable, many others lead to serious consequences for the animal depending on its age and immunity, even causing its death. Because of this, advanced diagnostic and therapeutic methods have been developed that allow rapid detection of a pathology and by acting accordingly, guarantee the survival of the patient. Given the benefits offered by these innovations, veterinarians must know how to apply them in their work methodology in order to offer excellent quality services.

For this reason, TECH has created this program that will allow the student to spend 3 weeks in a prestigious veterinary clinic to assimilate, in a 100% practical way, all the advances in Infectious Diseases in Small Animals. Therefore, during 120 intensive hours, the expert will learn everything necessary to make a correct diagnosis of these types of pathologies based on the latest scientific evidence, acquiring the ability to interpret the tests as a whole without errors. They will also master state-of-the-art treatments for diseases such as gastrointestinal parasitosis or anaplasmosis.

Throughout their practical stay, the student will be accompanied and guided by a tutor specially appointed for them, who will be in charge of ensuring that their learning is as desired, solving all their doubts and professional concerns. It is, therefore, a high-level academic option that will allow the veterinarian to learn from real situations that could occur in the exercise of their daily practice, with the help of the best specialists in Infectious Diseases in Small Animals.

# 02

## Why Study an Internship Program?

The veterinary world requires constant updating in diagnostic and therapeutic techniques to face different types of diseases with maximum efficiency, but it is essential to know how to apply all these advances in daily practice. For this reason, TECH has created this pioneering program, which will allow the expert to spend 120 hours in a prestigious veterinary clinic, in order to master the latest developments in the field of Infectious Diseases in Small Animals. Through this stay, the student will acquire updated skills that will enrich their daily work methodology.



*This TECH program gives you the opportunity to spend 3 weeks in a prestigious veterinary environment to apply the latest techniques in the diagnosis and treatment of infectious diseases with real patients"*

### 1. Updating from the latest technology available

The area of Infectious Diseases in Small Animals has undergone numerous modifications in recent years due to the emergence of new drugs, therapies and diagnostic methods to treat these pathologies. Due to this, TECH has created this program in order to provide the professional with access to a prestigious clinical environment to learn about all these advances in a practical way.

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

The excellent team of professionals who will accompany the veterinarian throughout their practical stay is a qualitative guarantee for this program. With a specifically designated tutor, the student will have access to real cases with animals in a first class environment, acquiring the latest procedures and techniques in Infectious Diseases in Small Animals.

### 3. Entering First-Class Clinical Environments

TECH carefully selects all available centers for Internship Programs. Thanks to this, the specialist will have guaranteed access to a prestigious clinical environment in the area of Infectious Diseases in Small Animals. In this way, you will be able to see the day-to-day work of a demanding, rigorous and exhaustive area of work, always applying the latest techniques based on scientific evidence in its work methodology.



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

The current academic market is characterized by offering numerous educational programs whose applicability of its contents is scarce. Faced with this situation, TECH has created this 100% practical and innovative learning model, which will allow the expert to apply the latest advances in Infectious Diseases in Small Animal from the very beginning and in a real environment to include them in their daily practice.

#### 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 specialist will be able to expand their frontiers and catch up with the best professionals, who practice in first class veterinary clinics in different continents. A unique opportunity that only TECH could offer.



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

# 03 Objectives

The objective of this program is to provide veterinary medicine professionals with a high-quality resource that allows them to be fully up to date, integrating into their theoretical and practical knowledge the latest advances and developments in the treatment of small animals in the field of infectious diseases.



## General Objectives

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- ♦ Update practical skills for the diagnosis and treatment of infectious diseases that most commonly affect dogs and cats
- ♦ Determine the most effective therapies for the treatment of these pathologies



*This program has been designed with the objective of enabling the veterinarian to apply the latest treatments for infectious diseases in small animals in their daily practice"*







## Specific Objectives

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- ◆ Interpret Diagnostic Tests
- ◆ Improve collection, storage and transport of specimens
- ◆ Determine the advantages and limitations of the use of cytology
- ◆ Analyze the most frequent clinical signs of viral diseases
- ◆ Establish the steps for a correct diagnosis and monitoring of the clinical evolution
- ◆ Determine the most effective therapies in each of the diseases, specific and supportive
- ◆ Generate specialized knowledge to carry out a correct follow-up of the feline patient with these diseases
- ◆ Examine the clinical picture suggestive of bacterial infection in cats
- ◆ Establish diagnostic tests according to clinical suspicion
- ◆ Establish the antimicrobial therapy of choice depending on each pathology
- ◆ Detect the most frequent types of parasites in cats and their distribution
- ◆ Address the diagnostic innovative techniques available for each pathology
- ◆ Develop the available treatments for parasitic infections approved for use in cats
- ◆ Master the characteristics of the most frequent tropical diseases affecting dogs
- ◆ Adopt the different strategies for the prevention and control of the main zoonoses in the small animal clinic
- ◆ Adequately establish vaccination protocols for the most common infectious pathologies and their adaptation according to the intrinsic conditions of each patient

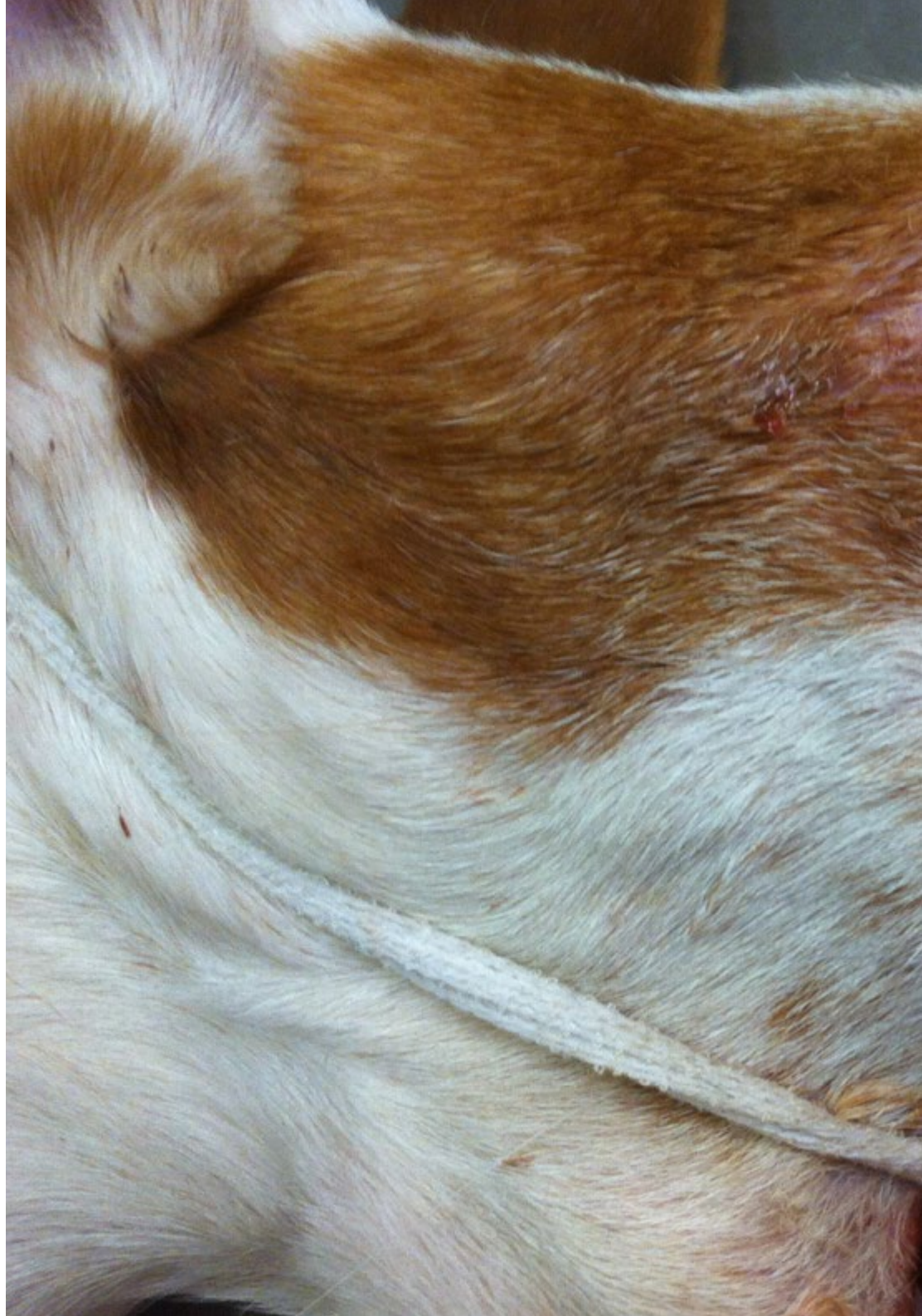
# 04 Educational Plan

This Internship Program consists of a period of 3 weeks in a high-level veterinary center, under the guidance of an associate specialist in this sector. This stay will allow the student to see real cases alongside a professional team of reference in the veterinary area, applying the most innovative procedures of last generation in the treatment of infectious diseases.

In this training proposal, completely practical in nature, the activities are aimed at developing and perfecting the skills necessary for the provision of veterinary care in areas and conditions that require a high level of qualification, and which are oriented to the specific training for the exercise of the activity, in an environment of safety and high professional performance.

It is undoubtedly an opportunity to learn by working in the innovative veterinary clinic of the future, where the use of updated diagnostic methods and the application of novel treatments is the key to successfully face the infectious diseases of small animals. This is a new way of understanding and integrating health processes, and turns a reference center into the ideal teaching setting for this innovative experience in the improvement of professional skills.

The practical teaching will be carried out with the active participation of the student performing the activities and procedures of each area of skill (learning to learn and learning to do), with the accompaniment and guidance of teachers and other training partners that facilitate teamwork and multidisciplinary integration as transversal skills for the veterinary praxis (learning to be and learning to relate).





The procedures described below will be the basis of the practical part of the training, and their implementation is subject to both the suitability of the patients and the availability of the center and its volume of work, the proposed activities being the following:

Module	Practical Activity
<b>Introduction and Laboratory Diagnosis</b>	Diagnose possible parasitic diseases in small animals, using the latest coprological techniques
	Undertake diagnosis of bacterial and fungal diseases through direct microscopic visualization or serological testing
	Taking samples for bacterial, fungal cultures, blood cultures and anaerobic cultures
<b>Infectious Diseases in the Canine Species (I). Viral Diseases</b>	Perform an analysis to detect a possible case of rabies in the canine species
	Apply a treatment adapted to the needs of the canine patient for infectious hepatitis
	Specific diagnosis of a case of canine influenza
<b>Infectious Diseases in the Feline Species (II). Bacteria and Fungi</b>	Diagnose cases of feline leprosy or tuberculosis
	Treat hemotropic mycoplasmas in the feline species
	Apply the most up-to-date treatments for mycobacterial infections in feline patients
<b>Tropical Diseases</b>	Conduct an evaluation of canine leishmaniasis, using the latest techniques and tools available
	Examine potential cases of feline sporotrichosis and make a definitive diagnosis
	Undertake the most appropriate treatment for rhinosporidiosis based on the characteristics of the animal
<b>Zoonotic</b>	Develop prevention strategies for diseases such as campylobacteriosis, salmonellosis and clostridiosis
	Control of scabies and dermatomycosis, in its different degrees of affection of animals

05

# Where Can I Do the Internship Program?

TECH offers its students the opportunity to carry out a practical stay in a veterinary center of reference in Infectious Diseases in Small Animals. In this way, you will expand your skills alongside the best experts in the sector, boosting your career to the highest level in this veterinary field.

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*You will acquire all the advances in Infectious Diseases in Small Animals in the best way: hands-on, in an exceptional veterinary center!"*





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



Veterinary

### Centro Veterinario San Antón

Country: Spain      City: Madrid

Address: Avenida de la Libertad, 93. Local 14-16, 28770 Colmenar Viejo

Veterinary Center offering personalized attention to different animal species.

**Related internship programs:**

- Veterinary Anesthesiology
- Veterinary Cardiology in Small Animals



Veterinary

### Hospital Artemisa Cañaveral

Country: Spain      City: Madrid

Address: Francisco Grande Covian, local 1, 28052 Madrid

Veterinary hospital specialized in general care and 24-hour emergency assistance.

**Related internship programs:**

- Veterinary Anesthesiology
- Veterinary Surgery in Small Animals



Veterinary

### Supervet

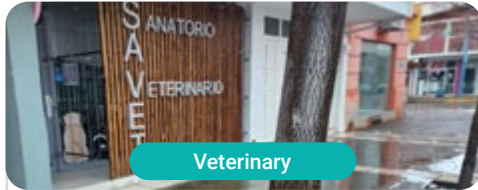
Country: Spain      City: Madrid

Address: Calle de Fermín Caballero, 56, 28034 posterior, Madrid

Center specialized in alternative therapies such as homeopathy, acupuncture, physiotherapy, laser or magnetotherapy.

**Related internship programs:**

- Infectious Diseases in Small Animals
- Veterinary Radiology in Small Animals



### SAVET Sanatorio Veterinario

Country: Argentina  
City: Río Negro

Address: Santa Cruz 1515 General Roca,  
Río Negro

Veterinary clinic with supplies and materials  
of the latest generation

**Related internship programs:**

- Veterinary Anesthesiology
- Veterinary Emergencies in Small Animals



### Clínica Veterinaria Don Bosco

Country: Argentina  
City: Buenos Aires

Address: Conquista de Desierto 662,  
Ezeiza, Bs. As

Clinic of general and specific specialties of Veterinary  
Medicine

**Related internship programs:**

- Veterinary Anesthesiology
- Veterinary Emergencies in Small Animals





Veterinary

### Clínica Veterinaria Luifran

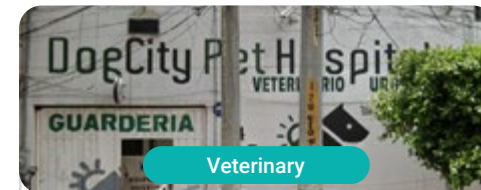
Country City  
Mexico Mexico City

Address: Nte. 7-A 4634, Defensores de la República, Gustavo A. Madero, 28001 Ciudad de México, CDMX

Veterinary assistance center specialized in dogs and cats.

**Related internship programs:**

- Veterinary Anesthesiology
- Infectious Diseases in Small Animals



Veterinary

### Dog City Pet Hospital

Country City  
Mexico Mexico City

Address: Lago Ginebra 145, Pensil Sur, Miguel Hidalgo, CP 11490

Veterinary clinic specializing in the care of dogs

**Related internship programs:**

- Veterinary Anesthesiology
- Veterinary Emergencies in Small Animals

# 06

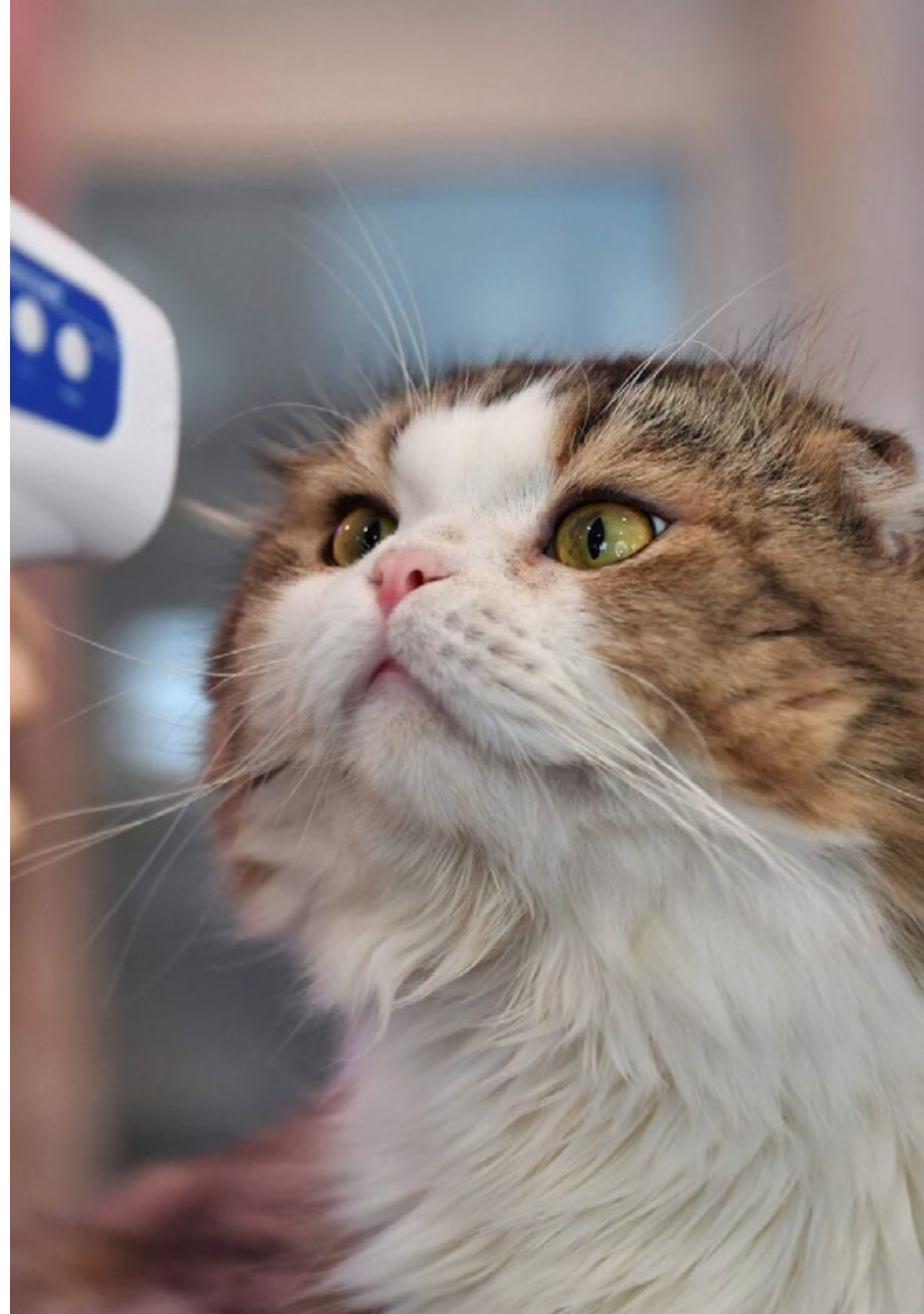
## General Conditions

### 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.

For this purpose, this educational entity undertakes to take out a liability insurance policy to cover any eventuality that may arise during the stay at the during the stay at the internship center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the Internship Program 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 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 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. NOT INCLUDED:** The Internship Program shall not include any element not described in these 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 program will allow you to obtain your **Internship Program diploma in Infectious Diseases in Small Animals** 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** title 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 Infectious Diseases in Small Animals**

Duration: **3 weeks**

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

Accreditation: **5 ECTS**





Internship Program  
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