

Internship Program  
Small Animal  
Internal Medicine



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# 01 Introduction

Small Animal Internal Medicine constitutes a globalized area for which multidisciplinary competencies are needed. The growing need for veterinary clinics to have specialists who are experts in the specificities of specialties has led to a higher level of education for veterinary graduates to become more competitive in the labor market. These specialists must be aware of the latest technological advances in internal medicine to optimize veterinary services and increase the longevity of patients. This program offers an internship program for 3 intensive weeks in a prestigious center, allowing the veterinarian to update their knowledge on all the latest developments and approaches in Small Animal Internal Medicine.



*Take advantage of this unique experience and incorporate the latest advances in Small Animal Internal Medicine into your daily practice”*





The global vision of the sick animal is one of the main characteristics of this specialty, which becomes complex because the veterinary specialist needs to be multidisciplinary and master different medical fields that allow them to diagnose, treat, and prevent any type of pathology regardless of the animal's typology. This implies that veterinary clinics increasingly have the latest techniques and technological procedures to be efficient and effective when attending to a patient.

Therefore, TECH offers a practical qualification that takes place in the real scenario where specialists will carry out their profession. Given the rapid changes in diagnoses, treatments, and interventions, it is necessary for the veterinarian to have internship program that provides technical skills in the development of their veterinary tasks. Hence, it is essential for veterinary graduates to take practical programs, as safety in their performance will be the most challenging task in the job market. This way, they will not only participate in a program that will elevate their clinical talent to the highest level but will also increase their human and empathetic quality through the communication skills they will implement during the 120 hours of the program.

This program consists of 3 weeks of comprehensive instruction, under the guidance of professionals experienced in the field. These are adjunct veterinarians in prestigious clinical centers, where students will experience internship weeks from Monday to Friday, with 8-hour days. During this period, specialists will enjoy an optimal expansion of their scientific and technological knowledge and their ability to act in various veterinary clinical cases. It is a unique and enriching opportunity with which professionals will be part of an exemplary veterinary team.

# 02

## Why Study an Internship Program?

In the medical field, it is essential for the specialist to perfect their knowledge always under the umbrella of the latest scientific developments. This ensures that the professional is prepared to face any challenge that may arise, and for this, it is not enough to offer only theoretical content; it is essential to provide tools with the aim of putting all this into practice. Taking this into account, TECH has designed a unique academic product in the current educational landscape, which allows the veterinarian to delve into a real clinical environment where they will learn about the latest developments in Small Animal Internal Medicine. Throughout 3 intensive weeks, they will collaborate with an expert and multidisciplinary team, who will bring them the most important scientific findings of the moment. It is a unique learning opportunity in which the student is offered a qualification completely adapted to their needs.



*Do not miss the latest advances in Small Animal Internal Medicine and take advantage of the opportunity that TECH offers you: to immerse yourself in real clinical environments to update your knowledge”*

### 1. Updating from the Latest Technology Available

Small Animal Internal Medicine is an area that requires multidisciplinary veterinary teams to master different techniques and tools for addressing the various scenarios that may arise in sick patients. This obliges professionals to delve into a meticulous and exhaustive specialization and update, and that is why TECH presents this Internship Program. With it, veterinarians have the opportunity to immerse themselves in a cutting-edge clinical environment, thus accessing state-of-the-art technology.

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

Throughout the practical period, a team of experts in the field will accompany the professional, ensuring that the student receives the desired knowledge and skills with quality and safety. Additionally, having a specifically assigned tutor, the student will be able to see real patients in a work environment equipped with the latest equipment and procedures of the moment.

### 3. Entering First-Class Clinical Environments

All available centers for Internship Program have been carefully selected to ensure that the specialist has access to a prestigious clinical environment. This way, they will be able to participate in the day-to-day activities of a demanding and rigorous workspace, allowing them to delve into the latest scientific evidence.



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

TECH has designed a new 100% internship program model with the aim of offering an educational program tailored to the needs of the student. In this way, the specialist can stay abreast of the latest developments in Small Animal Internal Medicine, balancing study with their personal and professional life.

#### 5. Expanding the Boundaries of Knowledge

TECH offers the possibility of doing this Internship Program, not only in national, but also in international centers. This represents an opportunity for the specialist, who will be able to broaden their horizons by learning from top experts, not only working in leading clinical centers but also located on different continents. A unique opportunity provided by TECH, the world's largest digital university.



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

# 03 Objectives

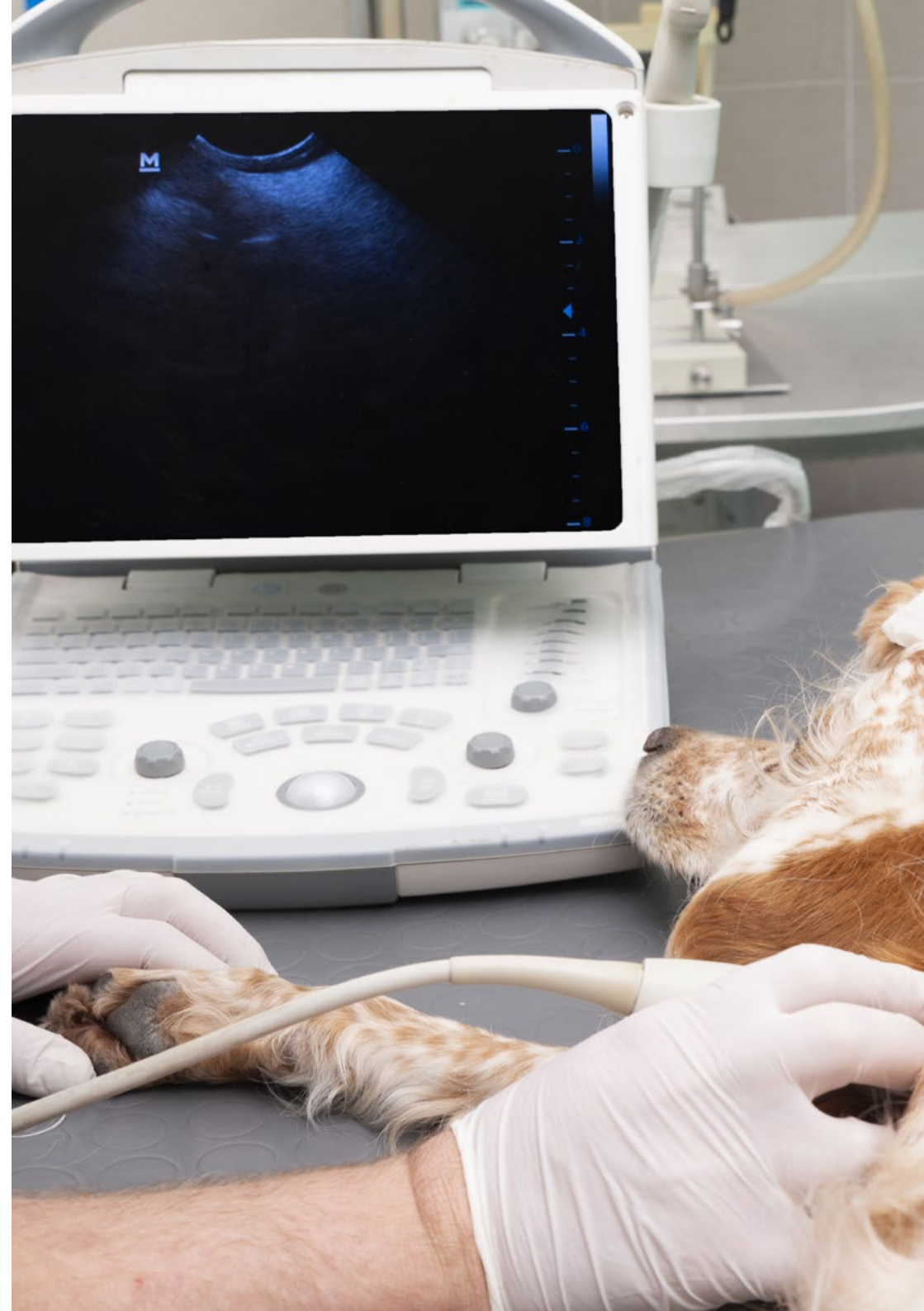
With this certificate, TECH aims to expand the knowledge of veterinary graduates by updating them on diagnostics and therapies for small animals through a clinical and academic hospital stay. During this internship period, specialists will delve into various pathologies, common abnormalities in blood tests, X-rays, and ultrasound; hereditary diseases, and those associated with predisposed breeds, among other issues. All of this will be guided by renowned professionals in a hospital setting with the highest scientific quality and technological innovation.



## General Objectives

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- ♦ Master the latest techniques and procedures in the diagnostic and treatment process of pathologies in small animals
- ♦ Incorporate the most effective clinical methods and analyses into daily work, emphasizing the various specialties addressed by internal medicine
- ♦ Understand the approach to the sick patient based on age, physical characteristics, and species type, delving into the use of the most advanced technology to provide a fast and efficient service







## Specific Objectives

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- ◆ Accurately recognize different pulmonary radiographic patterns
- ◆ Establish management procedure for patient with heart failure or acute dyspnea
- ◆ Perform the medical history and general physical examination of a patient with vomiting and diarrhea
- ◆ Demonstrate knowledge in management of dehydrated patients and/or those in septic condition
- ◆ Recognize a status epilepticus and know how to proceed with treatment
- ◆ Know basics of neuro-ophthalmology and know how to apply clinically
- ◆ Address most common ophthalmologic alterations
- ◆ Diagnosis of several, more advanced ocular pathologies
- ◆ Establish treatments for different ophthalmologic pathologies
- ◆ Identify main differences between mammary tumors in bitches and female cats
- ◆ Become familiar with the most common cytostatics and their management when administering chemotherapy
- ◆ Elaborate a complete differential diagnosis to reach a definitive diagnosis of endocrinopathies
- ◆ Generate specialized knowledge to interpret analysis and diagnostic imaging test
- ◆ Elaborate differential diagnosis from a series of analytical and/or imaging results

# 04 Education Plan

This Internship Program is a unique opportunity to learn from specialists currently working in the field and follow models of best practices. The practical module takes place over 3 weeks, during which the specialist will have a schedule from Monday to Friday of 8 intensive hours. The stay at the veterinary center will not only allow students to expand their therapeutic knowledge in a multitude of animal pathologies but also update their skills with innovative clinical tools.

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 a unique opportunity to establish connections with the practical field and the real-world setting where the student will develop their profession. Thanks to TECH, this can be achieved with renowned veterinary centers and the guiding support of associate veterinarians. In this way, the practical competencies of the students are integrated with new therapeutic techniques, allowing them to project their abilities in the field of action.

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 that facilitate teamwork and multidisciplinary integration as transversal competencies for clinical veterinary practice (learning to be and learning to relate).

The procedures described below will form the basis of the practical part of the training, and their implementation will be subject to the center's own availability and workload, with the proposed activities being the following:



*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"*

Module	Practical Activity
Approach to cardiorespiratory, digestive, genitourinary, and endocrine system disorders	Perform thoracic radiographs as a diagnostic method for cardiorespiratory pathologies
	Conduct an electrocardiogram
	Perform an echocardiogram
	Develop diagnostic tests for the respiratory system
	Address patients with vomiting, emphasizing diagnosis and treatment
	Address patients with diarrhea, emphasizing diagnosis and treatment
	Perform gastrointestinal ultrasounds and endoscopies as diagnostic methods for digestive system pathologies
	Analyze urinary laboratory abnormalities
	Analyze upper respiratory abnormalities
	Examine lower respiratory abnormalities
	Analyze pituitary abnormalities
	Assess thyroid disorders
	Examine parathyroid abnormalities
	Analyze pancreatic abnormalities
	Examine adrenal gland abnormalities
	Perform assessments of sex hormone alterations
Approach patients with infectious diseases	Analyze parasitic diseases in the digestive and respiratory systems
	Assess and diagnose <i>Leishmania</i>
	Conduct filaria exams
	Evaluate and perform diagnostic tests for parasitic diseases
	Conduct viral disease analysis
	Evaluate and perform diagnostic tests for bacterial diseases

Module	Practical Activity	
Techniques applied to neurological, ophthalmological, oncological, and dermatological pathologies	Neurologically examine a patient	
	Develop neurolocalization of the lesion through diagnostic tests and techniques	
	Analyze associated ocular diseases	
	Evaluate and diagnose keratitis	
	Uveitis assessment	
	Conduct examinations of crystalline lens diseases	
	Analyze and assess glaucoma	
	Diagnose and stage cancer patients	
	Practice diagnostic cytology and perform biopsies	
	Analyze soft tissue sarcomas	
	Analyze dermatological lesions	
	Perform diagnostic tests based on the type of lesion	
	Diagnostic Techniques in Internal Medicine	Diagnose, treat, and assess patient hematology
		Conduct biochemical marker analysis
Develop an electrolyte assessment		
Conduct acid-base balance analysis		
Analyze urine and body fluid		
Practice thoracic and abdominal radiology		
Practice abdominal and non-cardiac thoracic ultrasound		

# 05 Where Can I Do the Internship Program?

To provide all the academic quality required by the Veterinary Internal Medicine specialty, TECH has consistently chosen the best veterinary hospital centers. In this way, students will approach one of their goals: to be and become part of the team of experts in ophthalmology, oncology, surgery, and infectious diseases, among other sciences. All of this involves facing various pathologies in small animals on-site, working in the real-world setting where they will develop their profession.

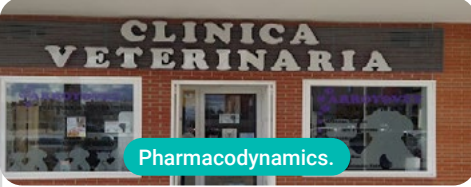


*Get trained under the guidance of top professionals in one of the most remarkable veterinary hospital care centers and become part of one of the most demanding clinical sectors”*





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



**Pharmacodynamics.**

### Arroyovet

Country	City
Spain	Madrid


Management: Av. de la Unión Europea, 47, 28939 Arroyomolinos, Madrid

Veterinary clinical center with a wide range of clinical services

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**Related internship programs:**

- Small Animal Internal Medicine
- Feline Medicine and Surgery



**Pharmacodynamics.**

### Hospital Veterinario Menes

Country	City
Spain	Asturias


Management: Calle Daniel Palacio Fernández, 15, 33204 Gijón, Asturias

Veterinary clinic exclusively dedicated to companion animals

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**Related internship programs:**

- Small Animal Internal Medicine
- Veterinary Ophthalmology in Small Animals



**Pharmacodynamics.**

### Clínica Veterinaria Unzeta

Country	City
Spain	Madrid


Management: C. de Ferraz, 28, 28008 Madrid

Center for Veterinary Clinical Care for Domestic Animals

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**Related internship programs:**

- Small Animal Internal Medicine
- Veterinary Oncology in Small Animals



**Pharmacodynamics.**

### Clínica Veterinaria Rosa Luxemburgo

Country	City
Spain	Madrid

Management: Calle Seis de Diciembre SN, Local 29, Madrid Aravaca

Health Care Center for Animals

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**Related internship programs:**

- Management and Direction of Veterinary Centers
- Small Animal Internal Medicine



**Pharmacodynamics.**

### Centro Veterinario Animal-Vetx El Saladillo

Country	City
Spain	Huelva

Management: Cam. del Saladillo, 3, 21007 Huelva

The AnimalVetx El Saladillo Veterinary Center in Huelva is a comprehensive and innovative veterinary center since 2014

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**Related internship programs:**

- Relevant practical training:
- Ultrasound for Small Animals



Pharmacodynamics.

### Hospital Veterinario Reynoso

Country	City
Mexico	Mexico

Management: Guillermo roja No.201 Col. Federal Toluca Edomex

High Specialty Veterinary Hospital

**Related internship programs:**  
 -Anesthesiology and Veterinary  
 -Management and Direction of Veterinary Centers



Pharmacodynamics.

### Centro Veterinario CIMA

Country	City
Mexico	Mexico City

Management: Av. Vía Adolfo López Mateos 70, Jardines de San Mateo, 53240 Naucalpan de Juárez, CDMX, Méx.

Pet Care Clinical Center

**Related internship programs:**  
 - Small Animal Internal Medicine  
 - Veterinary Oncology in Small Animals



Pharmacodynamics.

### Clínica Veterinaria Luifran

Country	City
Mexico	Mexico City

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

Veterinary Care Center specialized in dogs and cats

**Related internship programs:**  
 -Veterinary Anesthesiology  
 - Infectious Diseases in Small Animals



Pharmacodynamics.

### Dog City Pet Hospital

Country	City
Mexico	Mexico City

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

Specialized veterinary clinic for dog care.

**Related internship programs:**  
 -Veterinary Anesthesiology  
 - Veterinary Emergencies in Small Animals



Pharmacodynamics.

### Veterinaria Palo Verde

Country	City
Mexico	Mexico City

Management: Cerro del Otate 20, Romero de Terreros, Coyoacán, 04310 Ciudad de México, CDMX

Veterinary clinic with more than 30 years of experience in animals care

**Related internship programs:**  
 - Small Animal Internal Medicine  
 - Animal Welfare



Pharmacodynamics.

### Centro Integral Veterinario Del Alto

Country: Argentina City: Buenos Aires

Management: Guise 1870

Specialized veterinary clinic in small animal surgery

**Related internship programs:**

- Small Animal Internal Medicine



Pharmacodynamics.

### Clínica Veterinaria Panda

Country: Argentina City: Autonomous City of Buenos Aires

Management: Ruiz Huidobro 4771 Saavedra, Ciudad de Buenos Aires

Panda Veterinary Clinic with 25 years of experience and five branches located in the City of Buenos Aires

**Related internship programs:**

- Small Animal Internal Medicine
- 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 achieving 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 Small Animal Internal Medicine** 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 Small Animal Internal Medicine**

Duration: **3 weeks**

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

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



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