

Internship Program  
Internal Medicine in Large  
Animals



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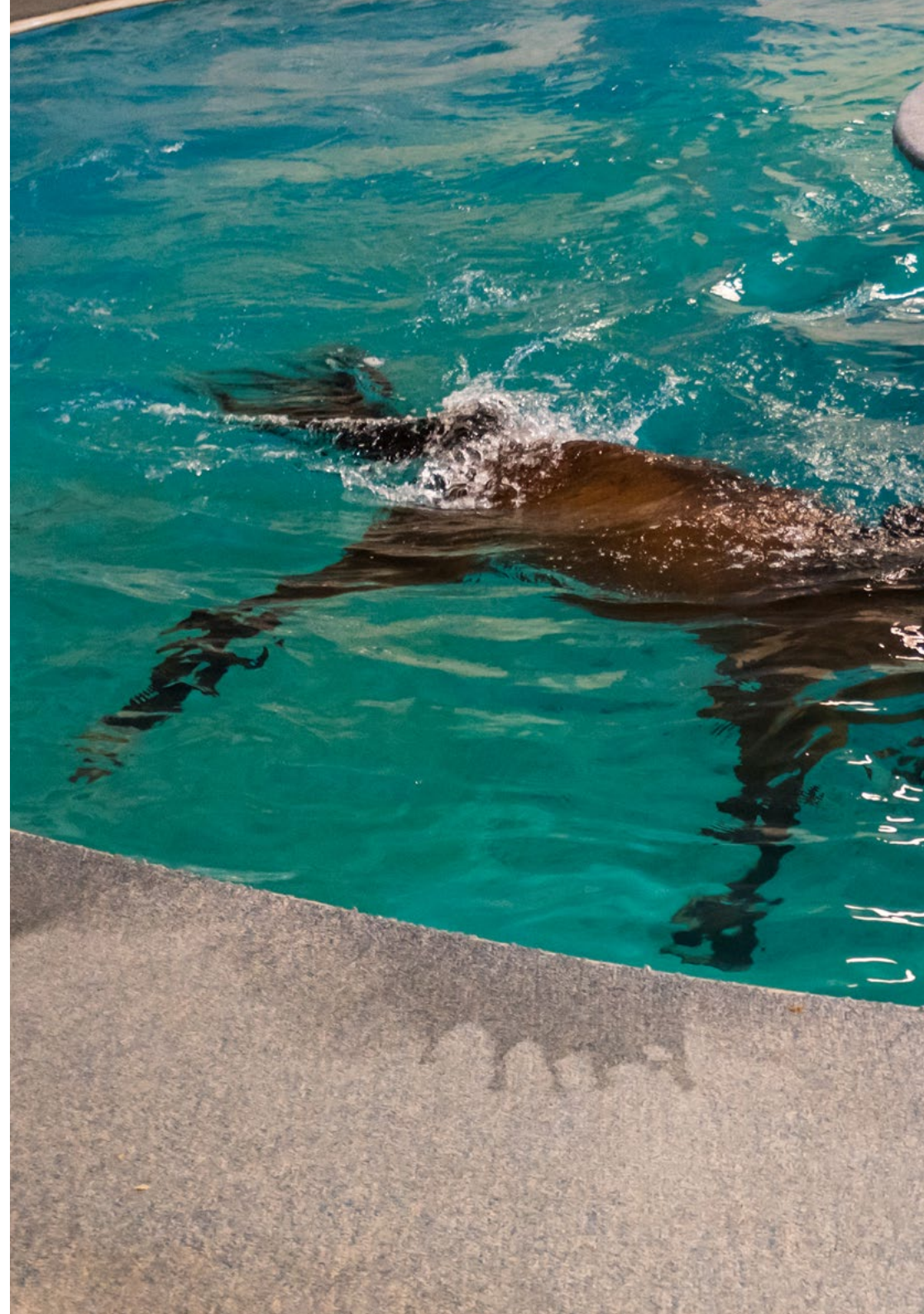


# 01 Introduction

In recent years, technological advances have had a significant impact on the treatment and management of various pathological alterations in large animals. These advances have improved the accuracy of diagnostics, allowing much more effective therapeutic decisions to be made and facilitating the monitoring of animal health. For this reason, TECH has designed this program with a focus on practice from the outset in a leading veterinary center. Thus, during 3 weeks, the graduate will have the opportunity to obtain a complete update of their skills and competencies for the clinical care of Large Species together with first level professionals.



*Integrate into your practice the most current advances in the area of Internal Medicine with an exclusive, efficient and rigorous practice"*







The emergence of emerging diseases or antimicrobial resistance pose a challenge for veterinarians who have seen how technological devices that favor the diagnosis and monitoring of species are being promoted at the same time. In view of the improvement of techniques and the advances achieved, professionals are constantly updating their competencies in order to increase their daily clinical skills.

A reality that has led TECH to create this Internship Program that includes 120 hours of stay in a first class veterinary center. In this space, the graduate will have the opportunity to have a complete update with specialists in Internal Medicine who will show them the work procedures and the methodology used, attending each patient.

This is a unique opportunity to obtain an intensive update, guided by leading professionals who work in clinical environments that are committed to incorporating the latest technology, as well as integrating the latest scientific advances in the approach to the most common respiratory, cardiological, neurological and ophthalmological pathologies in Large Animals. Undoubtedly, an exceptional opportunity to be up to date, in a short time and in an exceptional veterinary space.

# 02

## Why Study an Internship Program?

Education is a myriad of updates and personal and professional growth, so this Internship Program goes beyond an update in an area of knowledge. In the field of veterinary medicine, the specialist must be provided with innovative learning based on the most current scientific evidence and, to achieve this, it is not enough to offer theoretical content alone; more resources must be provided to lead the professional into practice.

In this way, TECH has created a unique and disruptive academic product in the current pedagogical field, allowing the veterinary specialist to enter a real clinical environment where they can put into practice the new procedures and techniques in the field of Internal Medicine. During 3 intensive weeks, you will be integrated into a multidisciplinary team, where you will see first-hand both the latest scientific findings in the field and how to apply them to your own daily clinical practice. A unique academic opportunity that not only revolutionizes traditional pedagogical systems, but also puts the specialist at the center of the equation to offer him or her learning with real utility and adapted to his or her needs.



*Incorporate diagnostic and therapeutic advances in Large Animals into your daily clinical practice”*

### 1. Updating from the Latest Technology Available

Recently, technology has transformed the way animal diseases are approached, allowing for more accurate diagnosis, more effective treatments and better overall health management. In this way, a significant impact has been achieved in the diagnosis, treatment and control of pathological alterations in Major Species. In this way, TECH manages to keep the professional up to date, entering into practice with the latest technological developments in the area of Internal Medicine.

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

The professional will have the guidance of a specialized team in the field of Veterinary Internal Medicine, ensuring the best update in the field of Major Species. This will be guided by a tutor who will lead to the execution of treatments and technical diagnoses with real situations and in real time for the improvement of procedures and interventions with cutting-edge technological resources.

### 3. Entering First-Class Clinical Environments

TECH has made a meticulous selection of the veterinary centers with which the specialist will be able to develop his Internship Program. In this way, the professional can enter at the highest level in the 3 weeks in order to consolidate his knowledge and strengthen his skills. A unique opportunity that you will achieve with the most prestigious specialized veterinary centers in the sector that have been selected by this academic institution.





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

It is important for TECH that its students perform their competencies in the spaces that require it, and although theory is the basis for practice, the purpose is a purely practical-oriented teaching. In this way, the specialist will be able to face the interventions to be performed without any difficulty, taking him/her to the execution in practice in only 3 weeks.

#### 5. Expanding the Boundaries of Knowledge

With TECH this Internship Program, the veterinary professional can apply and reach different parts of the world, without exceptions. Therefore, the specialist will not only expand his knowledge and skills in Major Species, but will also broaden his vision at a global level from the practice of his profession, hand in hand with the best professionals with recognition in the sector. This is the best opportunity to be part of the largest digital university in the world.



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

# 03 Objectives

This Internship Program in Internal Medicine in Large Species has been designed with the latest updates in diagnosis and treatment of pathological alterations in a 100% practical way, providing the veterinarian with the latest news in the area of knowledge. All this through a sanitary stay developed with the highest clinical and academic criteria, accompanied by important professionals in a specialized veterinary center of the highest standards and technological innovation.



## General Objectives

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- ♦ Identify all clinical signs associated with respiratory disease
- ♦ Integrate an appropriate methodology for the emergency care of a neonate
- ♦ Apply the available complementary methods to diagnose the main ocular alterations in Major Species







## Specific Objectives

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- ◆ Collection the information necessary in the clinical examination of the cardiac patient
- ◆ Carry out a complete physical examination of upper and lower airways
- ◆ Locate the injuries in a patient who has suffered a Central Nervous System trauma
- ◆ Analyze the mechanisms of endotoxemia and systemic inflammatory response syndrome
- ◆ Correctly diagnose the different renal problems and issue a prognosis for these animals
- ◆ Explore the diseases of neonates and the particularities of those that also occur in adult horses
- ◆ Accurately recognize the clinical signs of ocular pain
- ◆ Master the diagnostic procedures used in endocrinology and their interpretation
- ◆ Implement an appropriate fluid therapy plan based on the imbalances presented by the patient
- ◆ Implement differential diagnosis of the clinical signs of the main infectious and contagious pathologies in large animals

# 04

## Educational Plan

The Internship Program of this program in Internal Medicine in Large Species consists of a practical stay in a specialized veterinary center. In this way, the graduate will have a 3-week practical experience, guided by an industry expert. This will allow the professional to diagnose real patients together with an experienced veterinary team. Thus, you will be able to expand your professional options within the sector based on the most innovative diagnostic procedures.

In this specialization proposal, of a completely practical nature, the activities are aimed at the development and improvement of the competencies necessary for the provision of veterinary services and conditions that require a high level of qualification, and which are oriented to the specific education for the exercise of the activity, in an environment of safety for the animal and high professional performance.

This program has been designed to meet the real needs of veterinarians, increasing their skills in imaging and monitoring techniques, which are key to efficiently perform the required medical treatments. All this in real time, integrating the latest processes and interventions in a specialized center that provides a unique and 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 accompaniment and guidance of teachers and other specialization partners that facilitate teamwork and multidisciplinary integration as transversal competencies for veterinary praxis (learning to be and learning to relate).



*This Internship Program will give you security in the development of veterinary practice in which you will grow personally and professionally”*





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
<b>Management of Imaging Techniques</b>	Directly check airways and other internal organs
	Perform through the nares or mouth examination of the trachea, bronchi and lungs
	Design more specific treatments through the respiratory dynamics of each animal
	Obtain detailed three-dimensional images of internal organs, including the lungs, using advanced technology
<b>Analysis of genitourinary diseases</b>	Examine the different congenital genitourinary pathologies, finding the cause of renal damage and failure
	Intervene in cases of urinary obstruction and diseases of the ureters, bladder and urethra
	Explore other diseases of the kidneys
	Approach the neoplasm maximizing the chances of successful treatment of the animal
<b>Exploration of respiratory and digestive alterations</b>	Provide respiratory support and supportive therapy with supplemental oxygen, mechanical ventilation and anti-inflammatory medications according to lung injury
	Perform surgery to improve normal airflow through the airways and improve the animal's quality of life
	Promote ulcer healing through dietary changes, stress management, medication to reduce gastric acidity, etc
	Perform surgery to remove the impacted meconium and unblock the bowel
<b>Review Ophthalmology in Large Animals</b>	Establish differential diagnoses of ocular clinical signs
	Determine a working methodology for the patient with stromal abscess, immune-mediated keratitis and equine recurrent uveitis
	Propose a working methodology for patients with corneal ulcers and/or infectious keratitis
	Generate specialized knowledge to perform a correct ophthalmologic examination in large animals

# 05 Where Can I Do the Internship Program?

TECH offers an elite program with first class veterinary education, where you will do your Internship Program in a prestigious veterinary center fully specialized and with state-of-the-art equipment. Thus, the students will be able to carry out their Internship Program in different veterinary medical centers, which will allow the graduate to obtain an effective update from the hand of real experts.

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*In this Internship Program you will get the best update from the best veterinarians in Internal Medicine”*







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



### AGAR Veterinarios equinos

Country	City
Spain BORRAR	Asturias

Address: Barrio Belmonte,  
33590 Boquerizo, Asturias

Equine Veterinarian Services in Asturias  
and Cantabria

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#### Related internship programs:

- Internal Medicine in Large Animals
- Equine Medicine and Surgery



*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 students 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 learning 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 Internal Medicine in Large Animals** 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 certificate issued by TECH will reflect the grade obtained in the test.

Title: **Internship Program in Internal Medicine in Large Animals**

Duration: **3 weeks**

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

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





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# Internship Program

## Internal Medicine in Large Animals



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