

Internship Program

Wildlife Management



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A close-up photograph showing a person's hands typing on a white computer keyboard. The hands are positioned in the middle of the keyboard, with fingers pressing the keys. The person is wearing a light-colored long-sleeved shirt. The background is slightly blurred.

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Wildlife Management

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01

Introduction

Maintaining the natural balance has become the greatest challenge for nature lovers, including veterinary professionals. Fortunately, technological advances favor the monitoring and control of species, while scientific studies provide better treatments for the diseases that attack wildlife, which, at times, is at the limit of its survival. In this scenario, TECH provides a 100% practical program, where the specialist will be able to work with experienced professionals in wildlife management. This will give you a direct and real vision of the situation in this field, as well as the technical advances that lead to a better conservation and recovery of species.

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"TECH provides you with a unique and effective hands-on experience that will allow you to incorporate the most effective wildlife conservation strategies into your daily practice"





March 1, 1872 is a key date in the conservation of the planet's animal and plant species. It was on that day that Yellowstone was declared the world's first natural park. A fact that opened a path that has been followed until today by countries all over the world that have protected areas in their territories. However, this has not been an idyllic scenario, as overexploitation of resources and pollution have considerably affected the preservation of animals and plants.

It is in this scenario, where wildlife management becomes particularly relevant, especially for veterinary professionals, who wish to keep abreast of the latest strategies and developments in this field carried out by leading entities. For this reason, TECH offers an Internship Program, which takes the professional for 3 weeks, in a leading company oriented to the recovery and rehabilitation of habitats.

A 100% practical stay, where the veterinary professional will be able to see first hand, and together with specialists in this area, which are the most used computer systems to carry out censuses, statistics and action plans. In addition, you will be aware of the methods and care provided to those animals that require the direct intervention of a veterinarian. An excellent experience of 120 hours of practice, in an embeddable professional environment, that only TECH offers you.

02

Why Study an Internship Program?

One of the most knowledgeable people about wildlife is undoubtedly the veterinary professionals. For this reason, their role is key in their conservation and in the essential clinical surveillance in disease prevention. However, in order to enter the world of Wildlife Management, it is necessary to be aware of the most recent developments in the strategies and software used for monitoring and control of species. With this idea in mind, TECH has created a unique and disruptive academic product in the current educational landscape, which will allow the specialist to immerse himself in an entity in charge of wildlife recovery, using the most effective and innovative techniques. A unique opportunity only offered by this academic institution, which has revolutionized the academic panorama through this program.

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A Practical Internship Program that will lead you to be aware of the most frequent diseases in wild species".

1. Updating from the Latest Technology Available

Technology has made it possible, especially through geographic information systems, to carry out a more exhaustive and detailed control of species in different territories. Advances that require the mastery of the most powerful software currently in use. With this objective in mind, TECH brings the professional in this Internship Program closer to the most innovative IT tools used in the entity where they carry out the on-site stay.

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

Only from the best do professionals obtain the most valuable scientific and technical information. For this reason, TECH takes the veterinarian to a Postgraduate Certificate in a leading company in the field of Wildlife Management. In this way, you will be working side by side with the best specialists in this field from the beginning, who will show you the most effective methodologies and actions for the preservation and monitoring of species.

3. Entering first-class 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 area of Wildlife Management. In this way, the professional will live a unique experience that will mark a before and after in their daily performance through an innovative environment.

and in accordance with the present philosophy of conservation and preservation of species.



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

With this program, this academic institution has drawn up a strategic line in which it moves away from the theoretical framework to provide a real response to the needs of veterinary professionals through practice. Thus, TECH offers a 100% practical model, which allows the specialist to immerse himself in the most innovative and recent procedures in the field of Wildlife Management and all this in an intensive stay of 3 weeks duration.

5. Expanding the Boundaries of Knowledge

The veterinary professional will obtain a quick and effective update that will allow him/her not only to access a leading center in Wildlife Management, but will lead him/her to be able to directly apply the clinical, disease prevention and species control actions in his/her daily practice, either in his/her own entity or in any other prestigious one, where he/she wishes to develop such functions.

A unique opportunity that only TECH, the world's largest digital university could offer.

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

03 Objectives

This practical program aims to provide professionals with all the knowledge they need to update their skills in wildlife management. For this purpose, he will spend a stay in a prestigious center where he will be able to classify and document each species under his care.



General Objectives

- Use the latest advances in geographic information systems for the control and monitoring of species
- Incorporate wildlife surveillance methods into daily work to prevent diseases
- Know the most effective techniques and treatments used in the treatment of wildlife diseases





Specific Objectives

- ◆ Examine the main legal implementation tools in biodiversity conservation at the European level
- ◆ Discuss the international regulatory framework of Wildlife Management
- ◆ Examine the main implementation tools in biodiversity conservation
- ◆ Discuss the tools used in the three main areas of biodiversity conservation: sites, species and environmental conservation
- ◆ Establish management mechanisms in line with the regulations discussed
- ◆ Analyze the main direct and indirect wildlife observation methods
- ◆ Establish the factors necessary to design monitoring programs
- ◆ Develop the main species census methods
- ◆ Choose the appropriate census methodology
- ◆ Examine the resources available to characterize potential habitats where species are distributed
- ◆ Manage QGIS software to manage field sampling data
- ◆ Analyze the available territorial data to obtain strategic maps that fulfill specific functions in species management
- ◆ Represent the available information and the processed results within GIS
- ◆ Identify the program's input and output file formats
- ◆ Interpret modeling results
- ◆ Analyze the measures used in sustainable hunting management
- ◆ Examine the variables associated with calculating loads and quotas
- ◆ Describe the main hunting modalities and associated species
- ◆ Analyze the importance of health surveillance in Wildlife Management
- ◆ Discuss the main wildlife diseases
- ◆ Establish control methodologies before and after the appearance of new cases
- ◆ Present the main computer tools used in Wildlife Management
- ◆ Compile the statistical bases necessary to analyze data related to Wildlife Management

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You will be able to work in real environments where wildlife needs the clinical care of a specialized veterinarian"

04

Educational Plan

The Wildlife Management Internship Program is an updated program that covers all the aspects that veterinarians need to know in order to work in this field. Therefore, you will have an on-site stay for 3 weeks, during which you will be able to learn everything you need thanks to a group of experts who will accompany you at all times.

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

The entire program represents a unique opportunity for the student, who will be able to learn by doing a minimum of activities in a center of great international prestige. In this way, you will become familiar with direct and indirect observation methods, control protocols and even use the technological programs for monitoring each species.

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 training partners that facilitate teamwork and multidisciplinary integration as transversal competencies for the praxis of veterinary medicine applied to wildlife management (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:



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
Wildlife Monitoring	Collaboration in the analysis of wildlife observation methods
	Carry out examination of natural indirect signs
	Design and analyze wildlife censuses
	Conduct wildlife monitoring
	Conduct track assessment
	Use wildlife monitoring programs
Spatial management of species using geographic information systems in QGIS	Perform QGIS interface analysis
	Visualize and represent data in QGIS
	Carry out cartographic management of sampling and field monitoring plots
	Analyze species richness and effort maps
	Assist in assessing the creation of ecological corridors for species distribution
	Carry out field data collection
Wildlife disease control	Perform wildlife disease control analysis
	Know the wildlife health surveillance plan
	Evaluate the capture, elimination and disinfection of affected fauna
	Attend wildlife diseases: ruminants, wild boar, carnivores, birds and lagomorphs
Software in wildlife management	Use programs that allow carrying out descriptive statistics, probability and statistical significance, regressions, definition of variables and distributions in discrete and continuous variables
	Use software to perform statistical tests
	Perform Maxent test
	Assess cartographic resources for species modeling
	Apply format constraints and limitations in data entry for species modeling
	Simulate and represent Maxent data

05

Where Can I Do the Internship Program?

TECH continues to position itself at the academic forefront, broadening students' professional horizons thanks to the multiple options it offers for this practical program. Thus, they will have a unique opportunity to acquire a deep and specialized knowledge in this sector, counting, in addition, with the extensive experience of a distinguished group of specialists.

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Immerse yourself in a practical program, which distinguishes itself by bringing you closer to a first class center, integrated by the best specialists in Wildlife Management".





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



Pharmacodynamics.

GREFA - Grupo de Rehabilitación de la Fauna Autóctona y su Hábitat

Country
Spain

City
Madrid

Address: C. Monte del Pilar, s/n, 28220 Majadahonda, Madrid

GREFA specialized in the study and conservation of nature.

Related internship programs:

- Wildlife Management
- Avian Medicine and Surgery



Pharmacodynamics.

Zoológico El Bosque

Country
Spain

City
Asturias

Address: Los Molinos, 19, 33195 San Esteban de las Cruces, Asturias

Zoo specialized in exotic species rescue and recovery.

Related internship programs:

- Animal Welfare
- Veterinary Nutrition



Pharmacodynamics.

Marcelle Natureza

Country
Spain

City
Lugo

Address: Marcelle, 6, 27154 San Martín de Guillar, Lugo

Zoo specialized in conservation and animal welfare

Related internship programs:

- Animal Welfare
- Wildlife Management

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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 Wildlife Management** 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 Wildlife Management**

Duration: **3 weeks**

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

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



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