

Postgraduate Certificate Feline Parasitic and Vector-Borne Diseases





Postgraduate Certificate Feline Parasitic and Vector-Borne Diseases

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/veterinary-medicine/postgraduate-certificate/feline-parasitic-vector-borne-diseases

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 16

05

Methodology

p. 20

06

Certificate

p. 28

01

Introduction

Among the parasites affecting the feline species, the clinic is always more familiar with those most frequently diagnosed and most prevalent. However, vector-borne diseases originating from parasites from other locations are increasingly being encountered in the practice. To act against them, it is necessary to have a broad knowledge that is up to date with this new situation. This very complete Postgraduate Diploma is the most intensive tour of the latest and most complete advances and developments in this field. With the quality of The World's Largest Online University.





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A comprehensive update on the current status of feline parasitic and vector-borne diseases, including cases of emerging imported diseases"

Climate change, displacements and new diagnostic techniques are favoring the emergence of many diseases in areas where previously there were no reports, especially those diseases caused by external parasites and, in the case of vector-borne diseases, transmitted by some of them.

A complete and thorough review of all those diseases caused by parasites is needed: clinical signs, diagnostic techniques, zoonotic potential, and public health considerations.

In this Postgraduate Certificate, we will delve into the most common parasitosis and vectorial diseases in the feline species, as well as into some less frequent but equally important ones.



Learn how to diagnose and treat feline diseases caused by all types of parasites, including those that until now have not been seen in the clinic"

This **Postgraduate Certificate in Feline Parasitic and Vector-Borne Diseases** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- ◆ The latest technology in online teaching software
- ◆ Intensely visual teaching system, supported by graphic and schematic contents, easy to assimilate and understand
- ◆ Practical cases presented by practising experts
- ◆ State-of-the-art interactive video systems
- ◆ Teaching supported by telepractice
- ◆ Continuous updating and recycling systems
- ◆ Autonomous learning: full compatibility with other occupations
- ◆ Practical exercises for self-evaluation and learning verification
- ◆ Support groups and educational synergies: questions to the expert, debate and knowledge forums
- ◆ Communication with the teacher and individual reflection work
- ◆ Content that is accessible from any fixed or portable device with an Internet connection
- ◆ Supplementary documentation databases are permanently available, even after the program

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An educational program based on the best working methods of the online educational panorama, revolutionary in the veterinary field"

Its teaching staff includes professionals belonging to the field of Veterinary Medicine, who bring to this program the experience of their work, as well as renowned specialists from reference societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e. a simulated environment that will provide an immersive education programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system developed by recognized experts in small animal veterinary medicine.

A high-impact specialization that will give you the qualifications you need to act as an expert in this field of work.

Fully compatible with your daily life activities, it will allow you to learn in a constant and gradual way, at your own pace, without losing educational effectiveness.



02 Objectives

The objective of this Postgraduate Certificate is to provide veterinary medicine professionals 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.





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Access the most interesting information and the latest developments on this topic and reach your qualification goals safely, in a few weeks of stimulating work"



General Objectives

- Examine the most frequent types of parasites in cats and their distribution
- Analyze when there is clinical suspicion of a parasitic infection
- Address the diagnostic techniques available for each pathology
- Develop the available treatments for parasitic infections approved for use in cats
- Determine the zoonotic potential of each feline parasitic disease



A path to achieve education and professional growth that will propel you towards a greater level of competitiveness in the employment market"





Specific Objectives

- ♦ Examine the possible routes of transmission and contagion of each disease
- ♦ Analyze the clinical pictures associated with external and internal parasitosis
- ♦ Determine the diagnostic techniques available for each parasite
- ♦ Elaborate therapeutic protocols for each type of parasitic infection
- ♦ Design a plan of preventive measures to avoid contagion and re-infestations in their patients
- ♦ Develop the measures to be followed to avoid contagion from patients to their owners

03

Course Management

The quality of the educational process has one of its pillars in the excellence of the teaching staff. For this reason, we choose our teachers from among the best in the most advanced countries in this area of work. Thanks to this, you will have the opportunity to learn from the best qualified professionals. Experts, who will put their real experience at the service of the program and who, in addition, have proven to have the best teaching qualifications. For the sake of quality, which is the hallmark of our identity.





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A teaching staff chosen from among the best in the industry, which will allow you to learn in a realistic way, with a complete, practical and current vision of the work in this field of veterinary medicine"

Management



Ms. Pérez-Aranda Redondo, María

- Head of the Dermatology Service at Symbiosis Center of Veterinary Specialties. Veterinarian at North Aljarafe Veterinary Center
- Dermatology and Diagnostic Cytology Service Manager
- Veterinary clinic of the Canitas Veterinary Center in East Seville
- Responsible for the Dermatology and Cytological Diagnosis Service of all Canitas Veterinary Centers
- Honorary Collaborator of the Department of Animal Medicine and Surgery in Dermatology
- Collaborating Student of the Department of Animal Medicine and Surgery in Dermatology



Professors

Dr. Cigüenza del Ojo, Pablo

- ◆ Onkos Director
- ◆ Clinical Veterinarian
- ◆ Degree in Veterinary Medicine from the Complutense University of Madrid Diploma in Cytological Diagnosis of Dogs and Cats from the UCM
- ◆ Professional Master's Degree in Small Animal Clinical Oncology by Improve
- ◆ General Practitioner in Oncology by the European Veterinary School of Postgraduate Studies (EVSPS)

D. Melgarejo Torres, Cristian David

- ◆ University Professor Technical University of Marketing and Development. Department of Veterinary Sciences. San Lorenzo, Paraguay
- ◆ AGROFIELD S.R.L. Clinical and surgical care to dogs and cats. Branch Manager
- ◆ Veterinary Doctor. National University of Asuncion
- ◆ Professional Master's Degree in Animal and Veterinary Sciences. University of Chile
- ◆ PhD student Autonomous University of Barcelona
- ◆ Processing of COVID-19 Samples. National Animal Health and Quality Service (SENACSA)

04

Structure and Content

This program has been designed with a specific teaching model that successfully combines the intensity of a comprehensive and complete study with a highly flexible way of learning. A knowledge journey that addresses each and every area of professional development that the veterinarian needs in the field of small animal infectious diseases.



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A unique teaching model that reconciles distance education with practical learning, allowing the professional to progress in their care capacity by studying with the best teaching program on the online market"

**Module 1. Infectious Diseases in the Feline Species (III).
Parasitic and Vector-Borne**

- 1.1. Cutaneous Parasites (I)
 - 1.1.1. Epidemiology: Review of the Current Situation in Europe and Latin America
 - 1.1.2. Fleas
 - 1.1.3. Lice
 - 1.1.4. Ticks
- 1.2. Cutaneous Parasites (II)
 - 1.2.1. Mites
 - 1.2.1.1. Cheyletiella
 - 1.2.1.2. Trombicula
 - 1.2.1.3. Demodectic Mange
 - 1.2.1.4. Otodectic Mange
 - 1.2.1.5. Notohedral Mange
 - 1.2.1.6. Sarcoptic Mange
 - 1.2.2. Helminths
 - 1.2.2.1. Thelazia
- 1.3. Digestive Parasites (I). Trematodes and Cestodes
 - 1.3.1. Trematodes
 - 1.3.2. Cestodes
 - 1.3.2.1. Dipylidium
 - 1.3.2.2. Tapeworms
 - 1.3.2.3. Echinococcus
 - 1.3.2.4. Mesocestoides
- 1.4. Digestive Parasites (II). Helminths
 - 1.4.1. Ancylostoma
 - 1.4.2. Uncinaria
 - 1.4.3. Trichostrongylus
 - 1.4.4. Toxocara Cati
 - 1.4.5. Toxocara Canis
 - 1.4.6. Physaloptera
- 1.5. Digestive Parasites (III). Protozoa
 - 1.5.1. Cryptosporidium
 - 1.5.2. Isospora
 - 1.5.3. Sarcocystis
 - 1.5.4. Tritrichomonas
 - 1.5.5. Giardia
 - 1.5.6. Entamoeba
- 1.6. Respiratory Parasites
 - 1.6.1. Aleurostrongylus Abstrusus
 - 1.6.2. Oslerus
 - 1.6.3. Toxocara Cati
- 1.7. Toxoplasmosis
 - 1.7.1. Prevention
 - 1.7.2. Etiopathogenesis
 - 1.7.3. Clinical Signs
 - 1.7.4. Clinical and Laboratory Diagnosis
 - 1.7.5. Treatment
- 1.8. Vector-Borne Infectious Diseases I
 - 1.8.1. Bartonellosis
 - 1.8.2. Ehrlichiosis.
 - 1.8.3. Anaplasmosis
 - 1.8.4. Borreliosis
 - 1.8.5. Coxiellosis
- 1.9. Vector-Borne Infectious Diseases II
 - 1.9.1. Babesiosis.
 - 1.9.2. Cytauxzoonosis
 - 1.9.3. Hepatozoonosis
- 1.10. Vector-Borne Infectious Diseases III
 - 1.10.1. Leishmaniasis
 - 1.10.2. Dirofilariasis



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*This program will allow you to
advance in your career comfortably”*

05

Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, in an attempt to recreate the actual conditions in a veterinarian's professional practice.

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Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”

The effectiveness of the method is justified by four fundamental achievements:

1. Veterinarians who follow this method not only manage to assimilate concepts, but also develop their mental capacity through exercises to evaluate real situations and knowledge application
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. The feeling that the effort invested is effective becomes a very important motivation for veterinarians, which translates into a greater interest in learning and an increase in the time dedicated to working on the course.



Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.



Veterinarians will learn through real cases and by resolving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.

At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology more than 65,000 veterinarians have been trained with unprecedented success in all clinical specialties, regardless of the surgical load. Our teaching method is developed in a highly demanding environment, where the students have a high socio-economic profile and an average age of 43.5 years.

Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



Latest Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current and procedures of veterinary techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



06 Certificate

The Postgraduate Certificate in Feline Parasitic and Vector-Borne Diseases guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.





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Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork”

This program will allow you to obtain your **Postgraduate Certificate in Feline Parasitic and Vector-Borne 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** 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: **Postgraduate Certificate in Feline Parasitic and Vector-Borne Diseases**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



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



Postgraduate Certificate Feline Parasitic and Vector-Borne Diseases

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

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