

Postgraduate Certificate

Natural Therapies Applied in Veterinary Medicine





Postgraduate Certificate Natural Therapies Applied in Veterinary Medicine

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/veterinary-medicine/postgraduate-certificate/natural-therapies-applied-veterinary-medicine

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01

Introduction

This program addresses the basic criteria of Naturopathic Medicine as a strategy that not only does not displace, but complements conventional medicine. This is a method of action that is increasingly in demand by veterinary professionals and that offers advantages and benefits as a complement to traditional techniques. Get up to date, with high quality training that offers the most advanced resources in online specialization, to guarantee the student an effective, real and practical learning that boosts their competencies to the highest level in this area of work.



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All the knowledge in performance, drugs in different animal species covering Pharmacokinetics, Pharmacodynamics, adverse reactions and interactions and the contribution of Natural Medicine to this area of work"

The Postgraduate Certificate provides a summary of the natural methods that have traditionally been used in Naturopathic Medicine, focusing on three strategies that are the most used in Veterinary Medicine: homeopathy, herbal medicine and the use of nutraceuticals.

It addresses the history of its evolution and the different paradigms on which it is based, sources and methodologies. It fosters a critical spirit based on scientific evidence. It offers practical application for the resolution of clinical problems such as disease or prophylaxis.

This **Postgraduate Certificate in Natural Therapies Applied in Veterinary Medicine** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ Innovative and up-to-date diagnostic techniques in infectious diseases and their application in daily clinical practice, including the use of cytology as a diagnostic tool in these diseases
- ♦ The most frequent and not so frequent pathologies of infectious origin in dogs from a practical and completely up-to-date point of view
- ♦ Infectious Pathologies oriented to the feline species, dealing extensively with all those of this species
- ♦ "One Health" vision, in which Zoonoses and their implications for public health will be reviewed
- ♦ At present, there are no more exotic diseases, and they should be included by the clinician in the differential diagnosis when the epidemiology allows to suspect them
- ♦ Prevention and management of all infectious diseases, including clinical, home and community settings



A current and comprehensive review of the use of Natural Pharmacology in the treatment of animal ailments”

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Learn in an efficient way, with a real qualification objective, with this unique Postgraduate Certificate for its quality and price, in the online teaching market"

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

The 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 immersive knowledge programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the specialist 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 created by renowned and experienced psychology experts.

A revolutionary program for its ability to reconcile the highest quality of learning with the most complete online specialization.

Natural Medicine in Veterinary Medicine with an analysis of the different existing paradigms and their historical evolution up to the present day.



02 Objectives

The Postgraduate Certificate aims to provide students with the skills required in relation to preclinical or clinical research of drugs used in Veterinary Medicine in the field of Natural Medicine, and their application in the therapeutic use of drugs so that they can be integrated into the professional field.





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Learn how to integrate the benefits of Natural Medicine in your clinical practice, with the critical spirit of scientific evidence”



General Objectives

- Train professionals in simple and natural treatments, and their integration in the curative activities within Conventional Veterinary Medicine
- Examine the theoretical bases of Natural Medicines, especially homeopathy, phytotherapy and the use of nutraceuticals
- Briefly frame the evolution of the disciplines within a historical context



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





Specific Objectives

- ♦ Analyze objective clinical signs or manifestations and subjective symptoms or perceptions in homeopathy
- ♦ Approach the anamnesis from these objective and subjective manifestations
- ♦ Present the Homeopathic Materia Medica and its therapeutic indications
- ♦ Determine the rationale behind the development of drugs
- ♦ Approaching the approach to pathologies from homeopathic repertorization
- ♦ Establish the active principles most commonly used in phytotherapy and their application
- ♦ Examine the different nutraceutical products and their application



03

Course Management

The teaching team of this Postgraduate Certificate is prepared by professionals specialized in the study of Pharmacology, both human and veterinary, with clinical experience in small and large animals. They have extensive and recognized teaching and research experience, with officially recognized six-year research periods, participation in numerous research projects and dissemination of their research both nationally and internationally in high impact journals, books and conferences.





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A unique opportunity to learn from internationally renowned professors, with teaching, clinical and research experience”

Management



Dr. Santander Ballestín, Sonia

- ♦ Teaching Coordinator, Department of Pharmacology, University of Zaragoza, Spain
- ♦ Lecturer in the university course: "Introduction to Pharmacology: Principles for the Rational Use of Drugs" Basic Program of the University of Zaragoza
- ♦ Evaluation professor in: objective-structured clinical evaluation of the Degree in Medicine
- ♦ Degree in Biology and Biochemistry, specializing in the area of Pharmacology
- ♦ PhD with the European Degree from the University of Zaragoza
- ♦ Master's Degree in Environment and Water Management. Andalusia Business School
- ♦ Title of the doctoral program: Biochemistry and Molecular and Cellular Biology

Professors

Ms. Luesma Bartolomé, María José

- ♦ Veterinarian. Study Group on Prion Diseases, Vectorial Diseases and Emerging Zoonoses at the University of Zaragoza
- ♦ Study group of the University Research Institute
- ♦ Professor of Film and Anatomy. University degree: Complementary Academic Activities
- ♦ Professor of Anatomy and Histology University degree: Graduate in Optics and Optometry University of Zaragoza
- ♦ Professor of Final Degree Project University Degree, Bachelor's Degree in Medicine
- ♦ Professor of Morphology. Development Biology University degree: Master's Degree in Initiation to Research in Medicine. University of Zaragoza
- ♦ Doctor of Veterinary Medicine. Official Doctorate Program in Veterinary Sciences. University of Zaragoza
- ♦ Degree in Veterinary Medicine. University of Zaragoza

Dr. García Barrios, Alberto

- ♦ Interim Professor at the University of Zaragoza
- ♦ Casetas Veterinary Clinic
- ♦ Utebo Veterinary Clinic
- ♦ Nanoscale Biomagnetics R&D Researcher
- ♦ Veterinary Clinic Utebo. Clinical Veterinarian
- ♦ PhD in Veterinary Science
- ♦ Teacher with an interim contract. University of Zaragoza
- ♦ Degree in Veterinary Medicine
- ♦ Postgraduate Veterinary Oncology (Improve International). Homologation of the qualification to work with experimental animals

04

Structure and Content

This Postgraduate Certificate provides all the necessary knowledge to be able to perform Pharmacology in Veterinary Medicine in the best possible way. It is important to take into account that the contents allow the student to obtain specialized knowledge of pharmacology, as well as the ability to deal with different solutions for veterinary pathologies. A complete and accessible journey that will make a difference in your career progression.





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A program in the areas of General Veterinary Pharmacology, the legal framework in which it is developed and the area of Natural Pharmacology”

Module 1. Natural Therapies: Homeopathy, Phytotherapy and Nutraceuticals

- 1.1. Introduction
 - 1.1.1. Definition of Natural Therapies
 - 1.1.2. Classification
 - 1.1.3. Differences with Conventional Medicine
 - 1.1.4. Regulation
 - 1.1.5. Scientific Evidence
 - 1.1.6. Risk
- 1.2. Homeopathy I
 - 1.2.1. Brief Historical Review. The Hahnemann Concept
 - 1.2.2. Concept of Homeopathy: Key Ideas
 - 1.2.3. Basic Principles
- 1.3. Homeopathy II. The Field of Homeopathy
 - 1.3.1. Constitutions
 - 1.3.2. Symptom Modalities
 - 1.3.3. Anamnesis
 - 1.3.4. Hering Blade
- 1.4. Homeopathy III. Properties
 - 1.4.1. Preparation
 - 1.4.2. Substances Used in Their Manufacture
 - 1.4.3. Excipients
 - 1.4.4. Preparation of Mother Tincture
 - 1.4.5. Dilutions
 - 1.4.6. Dilution Methods and Dilutions
 - 1.4.7. Dynamization or Succussion
 - 1.4.8. Classification of Dilutions
 - 1.4.9. Pharmaceutical Forms
 - 1.4.10. Routes of Administration
- 1.5. Homeopathy IV. Related Symptoms
 - 1.5.1. General Aspects
 - 1.5.2. Medical Subject Matter. Hahnemann Treatise
 - 1.5.3. Introduction to the Repertoire
- 1.6. Approach to Pathologies from the Homeopathic Repertorization (I)
 - 1.6.1. Digestive system
 - 1.6.2. Respiratory System
 - 1.6.3. Urinary System
 - 1.6.4. Male and Female Genital Apparatus
- 1.7. Approach to Pathologies from the Homeopathic Repertorization (II)
 - 1.7.1. Mammitis
 - 1.7.2. Tegumentary System
 - 1.7.3. Locomotor System
 - 1.7.4. Sensory Organs
- 1.8. Phytotherapy
 - 1.8.1. Brief Historical Review
 - 1.8.2. Veterinary Phytotherapy
 - 1.8.3. Active Ingredients of Medicinal Plants
 - 1.8.4. Preparations and Forms of Administration
 - 1.8.5. Prescribing and Dispensing Guide
- 1.9. Phytotherapy. Addressing Pathologies
 - 1.9.1. Digestive system
 - 1.9.2. Respiratory System
 - 1.9.3. Urinary System
 - 1.9.4. Male and Female Genital Apparatus
 - 1.9.5. Locomotor System
- 1.10. Nutraceuticals and Functional Foods
 - 1.10.1. Brief Historical Review
 - 1.10.2. Definition
 - 1.10.3. Classification and Application



It advances towards excellence with the help of the best professionals and teaching resources of the moment"



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 Natural Therapies Applied in Veterinary Medicine guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



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

This **Postgraduate Certificate in Natural Therapies Applied in Veterinary Medicine** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained through the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations and professional career evaluation committees.

Title: **Postgraduate Certificate in Natural Therapies Applied in Veterinary Medicine**

Official N° of Hours: **150 h.**



*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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



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