

Postgraduate Diploma  
Agrifood and Environmental  
Veterinary Expertise





## Postgraduate Diploma Agrifood and Environmental Veterinary Expertise

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

Website: [www.techtitute.com/pk/veterinary-medicine/postgraduate-diploma/postgraduate-diploma-agrifood-environmental-veterinary-expertise](http://www.techtitute.com/pk/veterinary-medicine/postgraduate-diploma/postgraduate-diploma-agrifood-environmental-veterinary-expertise)

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# 01

# Introduction

The importance of livestock in the economy has increased the need for controls on production processes in order to guarantee product traceability. The veterinary expert is, in this context, an essential player. In this program in Agrifood and Environmental Veterinary Expertise TECH offers a complete specialization in all areas of intervention associated with this activity. A compendium of knowledge that will allow you to give your profession a boost of success.







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*With the experience of professionals from the judiciary, prosecution, law, veterinary and university fields"*

The current social need for professionals specialized in the expertise in legal proceedings requires specific training from an eminently practical perspective, and veterinary medicine is no exception. The current social need for professionals specialized in the expertise in legal proceedings requires specific training from an eminently practical perspective, and veterinary medicine is no exception. The more scientific support a legal decision has, the more justice it will impart.

This is precisely the reason for the creation of this Postgraduate Diploma in Agrifood and Environmental Veterinary Expertise, in which we count on the collaboration of authors directly related to Judicial Expertise with more than enough professional and teaching experience. Experts from Schools of Legal Practice, Masters of Access to the Legal Profession, Faculty of Veterinary Medicine, who have previously taught Judicial Expert Training Courses in the Veterinary field.

The Postgraduate Diploma will analyze in detail all the questions that may arise for a Veterinary Graduate who intends to enter the world of expertise in Courts. The objective of this training is to take the veterinary professionals through a complete development, training them through a solid specialization to be able to intervene with judgment and responsibility in any legal proceeding to which they may be called.

The **Postgraduate Diploma in Agrifood and Environmental Veterinary Expertise** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ◆ 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
- ◆ Availability of content from any fixed or portable device with internet connection
- ◆ Supplementary documentation databases are permanently available, even after the course



*Get a complete and adequate qualification in Agrifood and Environmental Veterinary Expertise and open new paths to your professional progress"*

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*With a methodological design that relies on teaching techniques proven for their effectiveness, this Postgraduate Diploma in Agrifood and Environmental Veterinary Expertise will take you through different teaching approaches to allow you to learn in a dynamic and effective way”*

Our teaching staff is made up of professionals from different fields related to this specialty. In this way, TECH ensure that we provide you with the up-to-date training we are aiming for. A multidisciplinary team of trained and experienced professionals in different environments, who will develop the theoretical knowledge in an efficient way, but, above all, will put at the service of the program the practical knowledge derived from their own experience: one of the differential qualities of this specialization.

This mastery of the subject is complemented by the effectiveness of the methodological design of this Postgraduate Diploma in Agrifood and Environmental Veterinary Expertise. Developed by a multidisciplinary team of *e-learning* experts, it integrates the latest advances in educational technology. In this way, the students will be able to study with a set of comfortable and versatile multimedia tools that will give them the operability they need in their training.

The design of this program is based on Problem-Based Learning: an approach that conceives learning as a highly practical process. To achieve this remotely, we will use telepractice: with the help of an innovative interactive video system and *learning from an expert*, you will be able to acquire the knowledge as if you were facing the scenario you are learning at that moment. A concept that will allow students to integrate and memorize what they have learnt in a more realistic and permanent way.

*A program that will enable you to prepare expert opinions and defend them in court with the solvency of a high-level professional.*

*This Postgraduate Diploma in Agrifood and Environmental Veterinary Expertise will allow you to acquire all the necessary knowledge in this area of intervention.*





# 02 Objectives

The objective is to train highly qualified professionals for work experience. An objective that is complemented, moreover, in a global manner, by promoting human development that lays the foundations for a better society. This objective is focused on helping medical professionals reach a much higher level of expertise and control. A goal that, in just six months, you will be able to achieve with a highly intensive and precise course.







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*If your goal is to reorient your skills towards new paths of success and development, this Postgraduate Diploma is for you: a program that aspires to excellence"*



## General Objectives

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- ♦ To become aware of being in possession of the necessary knowledge as a veterinary professional to be able to issue an expert report
- ♦ Know how to project the technical knowledge in the corresponding written opinion with the necessary wording and clarity so that it can be understood by all parties
- ♦ Acquire the necessary knowledge of the legislation on the functions of veterinary experts
- ♦ Examine and analyze specific cases that have been the subject of veterinary expert reports in court and the importance of these reports in resolving the specific case
- ♦ Know the general principles of veterinary law and the different veterinary activities in which they are applied
- ♦ Acquire the necessary knowledge of what an expert opinion is
- ♦ Acquire the necessary skills and abilities to know how the veterinary expert should give an opinion
- ♦ Become aware, in general, of the trial or hearing as one of the moments, probably the supreme one, of the judicial processes
- ♦ Become aware of the possibility of incurring liability as a result of the practice of the veterinary profession and judicial expertise
- ♦ Know the ethics, dignity and professional discipline of the veterinary expert
- ♦ Provide the professional with full knowledge of the operation of the livestock farm and the food industry, from the birth of the animal to its commercialization
- ♦ Knowing the common general principles that all criminal proceedings require in order to lay the foundations that will later guarantee the correct performance of the veterinary testimony or expertise





## Specific Objectives

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### **Module 1. Legal Veterinary Practice. Euthanasia. Forensic aspects of veterinary medicine. Anamnesis, Thanatology and Forensic Toxicology. Veterinary Necropsy**

- Understand the meaning of Veterinary Law and know how to apply it in the resolution of problems of a legal nature that arise in the veterinary activity related to the expert activity
- Know the importance, significance and legal consequences of euthanasia in animals, both in clinical and forensic aspects and in animal experimentation
- Knowing the different contents of the veterinary forensic activity, as an activity of assistance in the judicial resolution of cases in which the animal, corpse or not, is an expert element. This includes acquiring the ability to follow a protocol for action at the scene, knowing how to properly identify an animal species (observational and molecular methods), knowing the correct way to take biological samples for forensic studies and the importance of a correct planning of the anatomopathological examination to differentiate the different possible pathologies
- Know how to differentiate between the different types of death, identifying the evidence prior to death, as well as the different biotic and abiotic phenomena that occur in a corpse
- Know how to establish the date of death, applying different chemical-physical-biological parameters, being important the knowledge of the insects that act on the corpse (cadaveric entomofauna)
- Know how to differentiate the different injuries that appear in an animal related to forensic traumatology produced by contusions, weapons, drowning, electricity, lightning, etc.
- Know the different intoxications that an animal can suffer through the clinical and lesional aspects, as well as the analytical aspects provided by chemistry. Know the different possibilities of chemical-toxicological analysis and the interpretation of the results obtained

- Know the necessary material to perform a necropsy and the correct protocolized performance of the necropsy, being able to apply this protocol in the different animal species that can be subject to it

### **Module 2. Veterinary Expert Investigation. Agrifood Industry**

- General knowledge of the different stages in the production and transformation of food of animal origin intended for human consumption
- Know the parallel industries involved in this process
- Acquire knowledge and skills to act as an on-demand expert in the different phases of the referred process
- Integrate all this acquired knowledge into a necessary whole in expert performance
- Apply this knowledge in the corresponding expert's performance
- Know and understand the principles that govern animal production and its processing industry
- Know precisely the procedure to be followed in the expert's performance in the different phases of production, including parallel industries
- Know with solvency the critical points of the production chain
- Knowing the legislation that affects this production process

### **Module 3. Environmental Veterinary Expertise**

- Knowledge of the legal framework in environmental matters
- Obtain a practical knowledge of environmental issues (in particular zoos, exotic species, poison, aquaculture, protected natural areas and hunting species)
- Apply the knowledge acquired to the expertise practice



03

# Course Management

For our course to be of the highest quality, we are proud to work with a teaching staff of the highest level, chosen for their proven track record. Professionals from different areas and fields of expertise that make up a complete, multidisciplinary team. A unique opportunity to learn from the best.







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*Leading professionals in the field have come together to teach you the latest advances in Agrifood and Environmental Veterinary Expertise”*

## Management



### Mr. Corvillo Repullo, Juan Ramón

- ♦ Law Degree from the Law School of the University of Extremadura (1982-1987).
- ♦ Practicing lawyer, registered in the School of Lawyers of Cáceres since 1987, and also in the School of Law of Badajoz since 1989, specializing in civil, commercial, criminal and contentious-administrative law, which comprise his main areas of activity.
- ♦ Law Firm (since 1987) whose sole proprietor is the undersigned and in which other lawyers collaborate.
- ♦ Managing Partner, Founder and Sole Administrator of CORVILLO ABOGADOS, S.L.P. ([www.corvilloabogados.com](http://www.corvilloabogados.com))
- ♦ Vice-Dean of the School of Lawyers of Cáceres (ICAC) (from 2018 to date).
- ♦ Chairman of the ICAC's New Technologies Committee
- ♦ Collaborator of the Law School of the University of Extremadura (UEX) as External Tutor.
- ♦ Legal Advisor and Lawyer of the College of Veterinarians of Cáceres (from 2004 to date).
- ♦ Legal Advisor and Lawyer of the College of Dentists of Extremadura (from 1989 to date).

## Professors

### Mr. Bote Saavedra, Juan Francisco

- ♦ From 1998 to 2014 President of the Provincial Court of Cáceres.
- ♦ President of Section 1 Provincial Court CÁCERES since 2014.
- ♦ Ex officio member of the Governing Chamber of the Superior Court of Justice of the Supreme Court from 1998 to 2014.
- ♦ Full member of the Royal Academy of Jurisprudence and Legislation of Extremadura.
- ♦ Practicum Tutor at the University of Extremadura

### Mr. Calvente Cubero, Manuel L.

- ♦ Law degree from the Autonomous University of Madrid.
- ♦ School of Legal Practice of the UEX (equivalent to the current University Master's Degree in of Access to the Legal Profession) (1990).
- ♦ Registered in the Provincial School of Lawyers of Badajoz from 1991 to date (Member No. 1856).
- ♦ UNIVERSITY DEGREE OF MEDIATOR (UEX, 2013)
- ♦ Exclusive practicing attorney. It also collaborates externally with other law firms, working as a team.
- ♦ Sole proprietor of the Multidisciplinary Law Firm, located in Zalamea de la Serena.

### Mr. Cortés Margallo, Benjamín

- ♦ Law Degree from the University of Extremadura (UEX), 1986/1991 academic year Cáceres Law School.
- ♦ Diploma in Advanced Studies in Doctoral Studies at the University of Extremadura. Doctoral Thesis in progress and registered.
- ♦ Professor and Area Coordinator for the ICAC-UEX Master's Degree in Law during the period of of Mr. Juan Ramón Corvillo's directorship.
- ♦ Co-director with the lawyer and professor of the UEX, Mr. Marcial Herrero of the JORNADAS BIANUALES MEDIOAMBIENTALS AJTEX with headquarters in Plasencia and Baños de Montemayor.
- ♦ Member of the School of Law of Cáceres since 1997. Member of the Governing Board. Director of the national legal journal "Fundamentos de Derecho" and member of the Editorial Board. Member of the Urban Planning and Environment Commission.
- ♦ Managing Partner of the law firm "CORTES MARGALLO ABOGADOS", in its offices in MADRID-CACERES. Legal advisor to companies on environmental legislation.
- ♦ Legal advisor of the Ecologist Association CICONIA and of the conservationist entities ASILLA (Sierra y Llano Association), ASOCIACION PROPIETARIOS SIERRA de SAN PEDRO being participant in 2003 and 2004 in the drafting of the Master Plan of USE and MANAGEMENT of the ZEPA and LIC "SIERRA DE SAN PEDRO" (Special Protection Area for Birds) of the Extremadura Regional Government, RED NATURA 2000.



**Mr. Del Blanco Díaz, Eliseo**

- ♦ Degree in Law from the University of Extremadura.
- ♦ "Certificate-Diploma of Advanced Studies" or "Research Proficiency"
- ♦ Lecturer/speaker in more than fifty courses within the training plans of the different administrations.
- ♦ Public authorities, in legal-procedural and gender equality matters.

**Mr. Estévez Benito, Rafael**

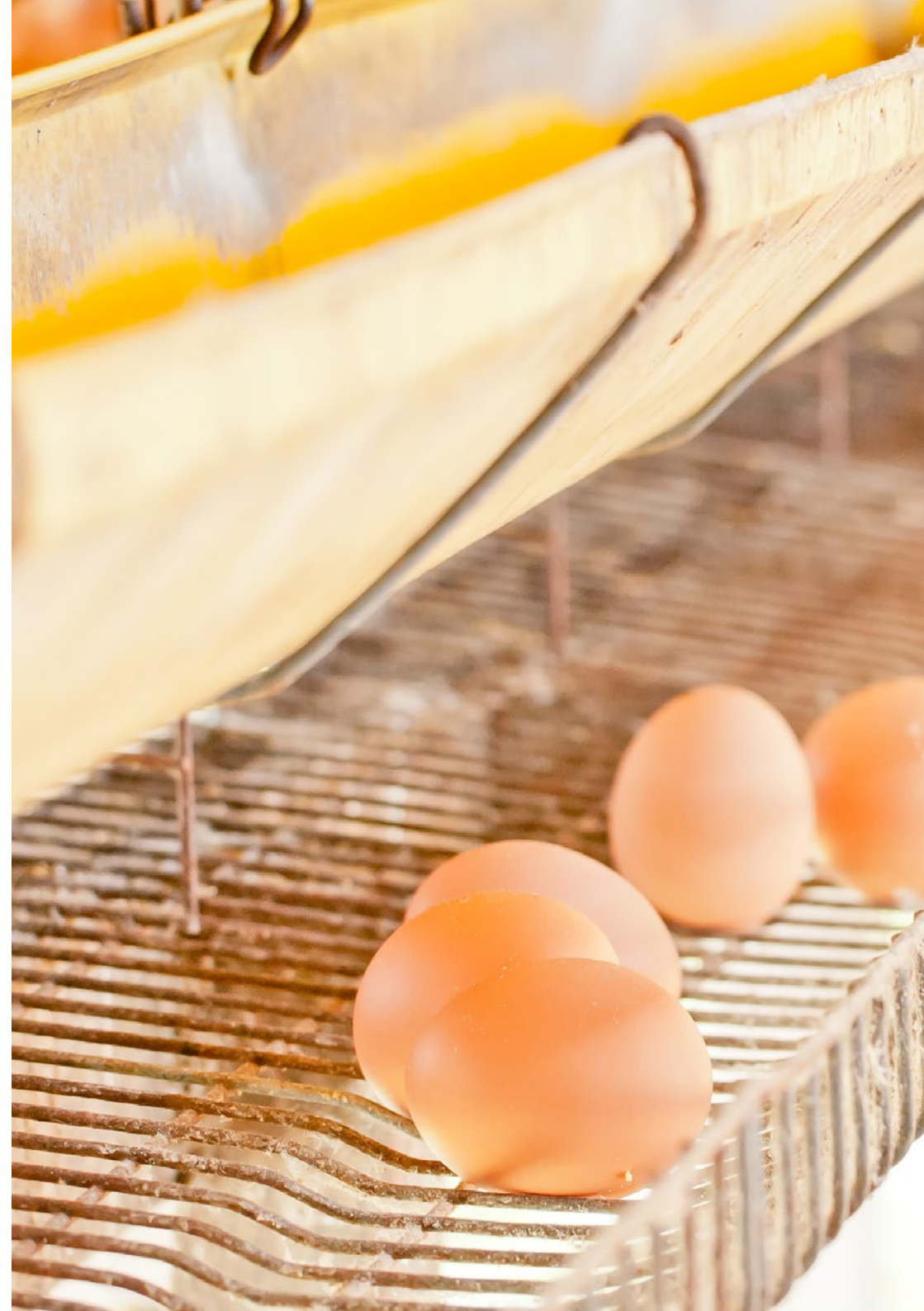
- ♦ Degree in Law from the University of Extremadura.
- ♦ "Certificate-Diploma of Advanced Studies" or "Research Proficiency"
- ♦ Lecturer/speaker in more than fifty courses within the training plans of the different administrations.
- ♦ Public authorities, in legal-procedural and gender equality matters.

**Mr. Malvárez Villaverde, Pablo**

- ♦ Law Degree from the Law School of the University of Santiago de Compostela.
- ♦ Academic stay at the Law Faculty of Adam Mickiewicz University in Poznań, Poland.
- ♦ Master's Degree in Taxation and Tax Consultancy by CEF (Centro de Estudios Financieros).
- ♦ Practicing attorney, admitted to the School of Lawyers of Madrid.
- ♦ Lawyer in the Legal Department of the General Council of Colleges of Dentists and Stomatologists of Spain.
- ♦ Lawyer in law firm specializing in Professional Liability

**Ms. Miralles Sánchez, Rocío**

- ♦ Lawyer- Law Degree from the Law School of the University of Alicante, Master's Degree in Health Law, CEU San Pablo University.
- ♦ Responsible for the legal area of the General Council of Dentists of Spain.
- ♦ Spanish Delegate of the General Dentists Council to the Council of European Dentists





**Mr. Soler Rodríguez, Francisco**

- ◆ Professor of Toxicology at the Department of Animal Health of the Faculty of Veterinary Medicine of the University of Extremadura in Cáceres.
- ◆ Degree in Veterinary Medicine from the Faculty of Veterinary Medicine of Córdoba.
- ◆ She has developed her teaching and research work at the Faculty of Veterinary Medicine of Cáceres.

**Mr. Vicente Báez, Juan Antonio de**

- ◆ Degree in Veterinary Medicine from the University of Extremadura.
- ◆ Outstanding Award in her Bachelor's Degree
- ◆ Veterinarian of the Health Professional Scale, Veterinary Specialty, of the Regional Government of Extremadura
- ◆ Veterinarian attached to the Valencia de Alcántara Area Veterinary Office.
- ◆ Veterinarian attached to the Health Center of Hoyos (Cáceres).
- ◆ Collaborating veterinarian in the Livestock Sanitation Campaign of the Extremadura Regional Government.
- ◆ Veterinarian in clinical practice

“ *A path to achieve specialization and professional growth that will propel you towards a greater level of competitiveness in the employment market*”

# 04

# Structure and Content

The contents of this Postgraduate Diploma have been developed by the different experts involved in the program, with a clear purpose: to ensure that our students acquire each and every one of the necessary skills to become true experts in this field. A complete and well-structured program that will take you to the highest standards of quality and success.







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*This Postgraduate Diploma in Agrifood and Environmental Veterinary Expertise contains the most complete and up-to-date scientific program on the market”*

**Module 1. Legal Veterinary Practice. Euthanasia. Forensic aspects of veterinary medicine. Anamnesis, Thanatology and Forensic Toxicology. Veterinary Necropsy**

- 1.1. Legal Veterinary Practice
  - 1.1.1. Introduction
  - 1.1.2. Importance and Division of Veterinary Law
  - 1.1.3. Legal Veterinary Applications
  - 1.1.4. Legal Standards and its Understanding
  - 1.1.5. Search for Legislation and its Practical Application
- 1.2. Euthanasia
  - 1.2.1. Introduction
  - 1.2.2. Physical and Chemical Agents
  - 1.2.3. Application in Different Animal Species
  - 1.2.4. Euthanasia in Animal Experimentation
  - 1.2.5. Legal Aspects of Euthanasia
- 1.3. Forensic Aspects of Veterinary Medicine I
  - 1.3.1. Introduction
  - 1.3.2. Medical history
  - 1.3.3. Methodology of Work at the Scene of the Event
  - 1.3.4. In vivo Species Identification
  - 1.3.5. Sampling of Live Animals
- 1.4. Forensic Aspects of Veterinary Medicine II
  - 1.4.1. Sampling of the Corpse
  - 1.4.2. Species Identification (Molecular Techniques)
  - 1.4.3. Anatomopathological Examination (Types of Pathologies)
- 1.5. Forensic Thanatology I
  - 1.5.1. Introduction
  - 1.5.2. Types of Death
  - 1.5.3. Prodromes of Death
  - 1.5.4. Cadaveric Phenomena
  - 1.5.5. Data of Death
- 1.6. Forensic Thanatology II and Forensic Traumatology
  - 1.6.1. Forensic Entomology
  - 1.6.2. Forensic Thanatology
  - 1.6.3. Lesions Contusions Injuries Fractures
  - 1.6.4. Choking Electrocutation Burns Lightning
- 1.7. Forensic Toxicology I
  - 1.7.1. General Principles
  - 1.7.2. Main Toxics of Veterinary Concern
  - 1.7.3. General Diagnosis of Poisoning
- 1.8. Forensic Toxicology II
  - 1.8.1. Phases of Chemical-Toxicological Analysis
  - 1.8.2. Chemical Methods
  - 1.8.3. Instrumental Techniques
  - 1.8.4. Quality Control of Toxicological Analysis
  - 1.8.5. Interpretation of the Analytical Result
- 1.9. Necropsy
  - 1.9.1. Introduction
  - 1.9.2. Instruments and Specific Equipment
  - 1.9.3. General Guidelines for Necropsy in Mammals:
    - 1.9.3.1. External Examination
    - 1.9.3.2. Examination of Organs and Body Cavities
- 1.10. Necropsy in Other Species: Birds, Fish, Reptiles...
  - 1.10.1. Birds
  - 1.10.2. Fish
  - 1.10.3. Reptiles





## Module 2. Veterinary Expert Investigation Agrifood Industry

- 2.1. Anatomic Recall
  - 2.1.1. Thoracic Limb
  - 2.1.2. Posterior Limb
  - 2.1.3. Pelvis
- 2.2. Instruments and Basic and Specific Equipment Fracture Fixation Systems
  - 2.2.1. Basic
  - 2.2.2. Specific
- 2.3. Fundamentals in Traumatology. Bone Healing
  - 2.3.1. Definition of Traumatology
  - 2.3.2. Bone
    - 2.3.1.1. Function
    - 2.3.1.2. Bone Composition and Structure
    - 2.3.1.3. Vascularization and Growth
  - 2.3.2. Bone Healing
- 2.4. Fractures
  - 2.4.1. Etiology
  - 2.4.2. Classification
  - 2.4.3. Diagnosis
  - 2.4.4. Primary Treatment
- 2.5. Treatment of Fractures
  - 2.5.1. Decision Making
  - 2.5.2. Fracture Reduction Techniques
    - 2.5.2.1. Closed Reduction
    - 2.5.2.2. Open Reduction

- 2.6. Scapula Humerus
  - 2.6.1. Fractures of the Scapula and Scapulohumeral Joint
    - 2.6.1.1. Medical Treatment
    - 2.6.1.2. Surgical Treatment
    - 2.6.1.3. Post-Surgical Treatment
    - 2.6.1.4. Traumatic Dislocation of the Scapulohumeral Joint
  - 2.6.2. Fractures of the Humerus
    - 2.6.2.1. Medical Treatment
    - 2.6.2.2. Surgical Management
      - 2.6.2.2.1. Proximal Epiphysis
      - 2.6.2.2.2. Diaphysis
      - 2.6.2.2.3. Distal Epiphysis
    - 2.6.2.3. Post-Surgical Management
- 2.7. Ulna-Radius Elbow Joint Carpus
  - 2.7.1. Ulna and Radius Fracture
    - 2.7.1.1. Main Fractures External Fixation Osteosynthesis Plate
      - 2.7.1.1.1. Medical Treatment
      - 2.7.1.1.2. Surgical Management
      - 2.7.1.1.3. Post-Surgical Management
  - 2.7.2. Elbow Joint
    - 2.7.2.1. Traumatic Pathology
      - 2.7.2.1.1. Medical Treatment
      - 2.7.2.1.2. Surgical Management
      - 2.7.2.1.3. Post-Surgical Management
    - 2.7.2.2. Traumatic Dislocations
  - 2.7.3. Carpus
    - 2.7.3.1. Medical Treatment
    - 2.7.3.2. Surgical Management
    - 2.7.3.3. Post-Surgical Management
- 2.8. Femur Tibia and Fibula Tarsus
  - 2.8.1. Femur Fracture
    - 2.8.1.1. Medical Treatment
    - 2.8.1.2. Surgical Management
      - 2.8.1.2.1. Proximal Epiphysis
      - 2.8.1.2.2. Diaphysis
      - 2.8.1.2.3. Distal Epiphysis
    - 2.8.1.3. Post-Surgical Management
  - 2.8.2. Fractures of the Tibia and Fibula
    - 2.8.2.1. Medical Treatment
    - 2.8.2.2. Surgical Management
      - 2.8.2.2.1. Proximal Epiphysis
      - 2.8.2.2.2. Diaphysis
      - 2.8.2.2.3. Distal Epiphysis
    - 2.8.2.3. Post-Surgical Management
  - 2.8.3. Tarsal Fractures
    - 2.8.3.1. Proximal Epiphysis
    - 2.8.3.2. Diaphysis
    - 2.8.3.3. Distal Epiphysis
- 2.9. Pelvis. Hip Joint
  - 2.9.1. Pelvis
    - 2.9.1.1. Fractures
      - 2.9.1.1.1. Medical Treatment
      - 2.9.1.1.2. Surgical Management
      - 2.9.1.1.3. Post-Surgical Treatment
    - 2.9.1.2. Dislocation
- 2.10. Postoperative Considerations
  - 2.10.1. Antibiotherapy and Analgesia
  - 2.10.2. Bandages
  - 2.10.3. Review Evolution
  - 2.10.4. Complications
  - 2.10.5. Rehabilitation Program

### Module 3. Environmental Veterinary Expertise

- 3.1. Environmental Veterinary Regulations
  - 3.1.1. Introduction
  - 3.1.2. Regulations on Zoos
  - 3.1.3. Hunting Regulations
  - 3.1.4. Fish Farming Regulations
- 3.2. Environmental Protection Actions (I)
  - 3.2.1. Protective Actions in General
  - 3.2.2. Particularly Actions
    - 3.2.2.1. Applications for Environmental Authorization
    - 3.2.2.2. Environmental Communication
- 3.3. Environmental Protection Actions (II)
  - 3.3.1. Livestock Activities
  - 3.3.2. Aquaculture Activities
  - 3.3.3. Food Industry
- 3.4. Expertise in the Field of Zoological Nucleus
  - 3.4.1. Inspection and Appraisal of Zoological Nucleus
  - 3.4.2. The Habitat
  - 3.4.3. Problems Associated with Captive Breeding
  - 3.4.4. Expertise on Suitability of Captive Breeding Nucleus
- 3.5. Expertise in the Field of Hunting (I)
  - 3.5.1. Introduction
  - 3.5.2. Meaning of Technical Plans
  - 3.5.3. Ecosystems: Alteration due to Anomalies in Hunting Management
  - 3.5.4. Protected Natural Areas
- 3.6. Expertise in the Field of Hunting (II)
  - 3.6.1. Undercover Hunting
  - 3.6.2. Veterinary Report after the Capture or Slaughter of a Hunting Animal
  - 3.6.3. Environmental Impact of Pests and Diseases in Hunting Wildlife
- 3.7. Expertise in the Field of Hunting (III)
  - 3.7.1. Non-hunting Species Slaughter and its Environmental Significance
  - 3.7.2. Illegal Capture Methods and their Control
  - 3.7.3. Expertise on Non-compliance with Regulations Related to the Hunting Field
- 3.8. Expertise in the Field of Exotic Species (I)
  - 3.8.1. Exotic and Invasive Species
  - 3.8.2. Species Identification
  - 3.8.3. CITES Convention
- 3.9. Expertise in the Field of Exotic Species (II)
  - 3.9.1. Expertise Related to the Trade of Exotic Species
  - 3.9.2. Technical and Police Actions
- 3.10. Poisons
  - 3.10.1. Uses of Poison
  - 3.10.2. Legal Use of Poison
  - 3.10.3. Existing Means of Control
  - 3.10.4. National and European Programs for its Control and Eradication
  - 3.10.5. Expertise in Case of Poisoning



*This training 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.



“

*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.



“

*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 Harvard 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 multimedia content presentation training Exclusive system 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 your 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 Diploma in Agrifood and Environmental Veterinary Expertise guarantees, in addition to the most rigorous and up-to-date training, access to a certificate issued by TECH Technological University.





“

*Successfully complete this program and receive your university certificate without travel or laborious paperwork”*

This **Postgraduate Diploma in Agrifood and Environmental Veterinary Expertise** 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 Diploma** issued by **TECH Technological University** via tracked delivery\*.

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

Title: **Postgraduate Diploma in Agrifood and Environmental Veterinary Expertise**

Official N° of Hours: **450 h.**



\*Apostille Convention. In the event that the student wishes to have their paper certificate 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  
online training  
development language  
classroom



**Postgraduate Diploma**  
Agrifood and  
Environmental  
Veterinary Expertise

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



# Postgraduate Diploma

## Agrifood and Environmental Veterinary Expertise