Postgraduate Certificate
Small Ruminant Farming in Extensive Systems

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Postgraduate Certificate
Small Ruminant Farming in Extensive Systems

- Modality: **online**
- Duration: **8 weeks**
- Certificate: **TECH Global University**
- Credits: **12 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Website: **www.techtitute.com/us/veterinary-medicine/postgraduate-certificate/small-ruminant-farming-extensive-systems**

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01

Introduction

Historically, goats and sheep have been a fundamental basis for the sustainability of rural society in Europe and around the world.

Greater professionalization and modernization of goat and sheep farms can help to improve their profitability and thus maintain the backbone role they play in this rural society.

We offer you the most comprehensive program on the market to bring extensive livestock management to the same level as clinical and sanitary practice, offering your clients the highest quality in both services"

The Postgraduate Certificate in Small Ruminant Farming in Extensive Systems has a comprehensive program that covers the broadest spectrum of species and breeds used in Animal Production in Extensive Systems. Not only is in-depth and specialized attention paid to the most common productions, but also to other much less common but highly relevant productions, which demand a greater degree of specialization from professionals in the area.

Likewise, the degree of knowledge and professional experience of the Progression's professors allows them to deal with very specific productions, where it is very difficult to access levels of specialization, except for the small number of people who have had the opportunity to develop their knowledge within the scope of this type of livestock farming.

This program is the most specialized since the development of each subject is structured according to the knowledge and experience of the teaching team, avoiding generalist voluntarism which, although it can provide acceptable global visions, lacks the capacity to study in depth each and every one of the subjects that need to be addressed with the highest quality.

The high levels of knowledge provided by the faculty in the areas of economics, genetics and animal breeding contribute decisively to consolidate and expand knowledge in two areas that are absolutely fundamental to achieve success in the management of extensive livestock production.

This **Postgraduate Certificate in Small Ruminant Farming in Extensive Systems** contains the most complete and up-to-date scientific program on the market. The most important features include:

- Case studies presented by experts in the management of veterinary centers
- The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional development
- New developments in Small Ruminant Farming in Extensive Systems
- Practical exercises where self-assessment can be used to improve learning
- Special emphasis on innovative methodologies in Small Ruminant Farming in Extensive Systems
- Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- Content that is accessible from any fixed or portable device with an Internet connection

Immerse yourself in this high-quality education, which will allow you to face the future challenges in Small Ruminant Farming in Extensive Systems"

This Postgraduate Certificate is the best investment you can make in selecting a refresher program to update your knowledge of Small Ruminant Farming in Extensive Systems"

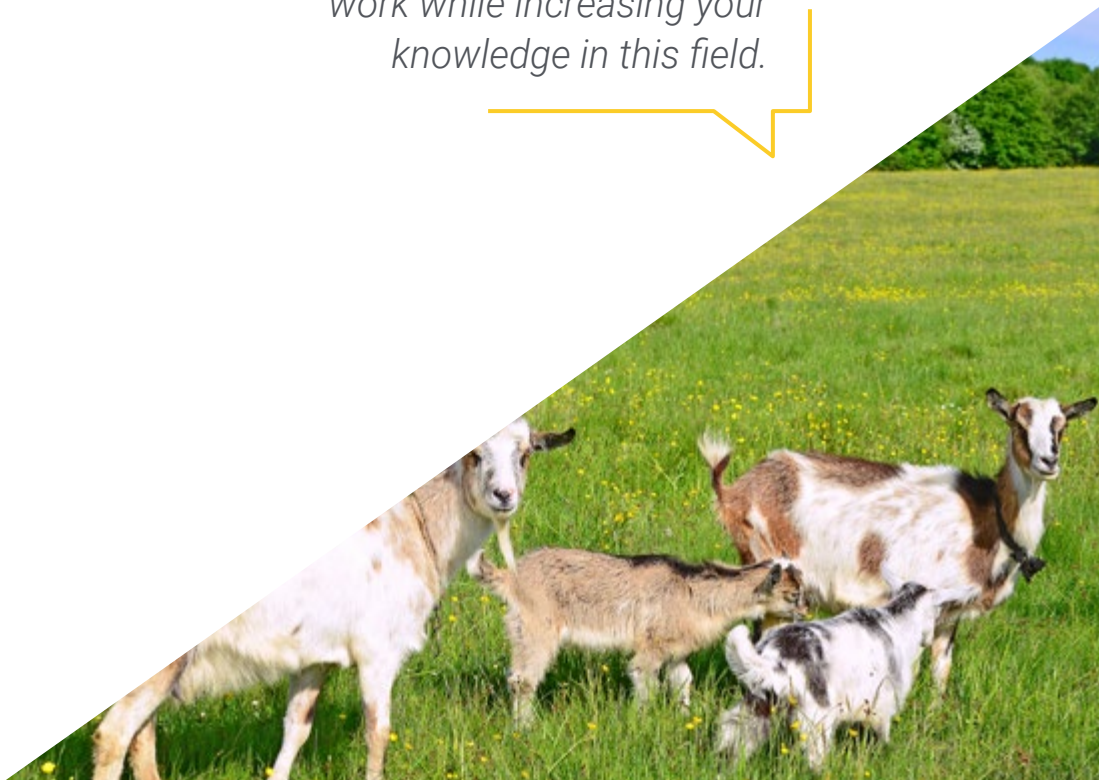
This program comes with the best educational material, providing you with a contextual approach that will facilitate your learning.

This 100% online Postgraduate Certificate will allow you to combine your studies with your professional work while increasing your knowledge in this field.

It includes, in its teaching staff, professionals belonging to the field of extensive livestock farming, who contribute their work experience to this education, in addition to recognized specialists from prestigious reference societies and 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 specialization 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. To do so, the professional will be assisted by an innovative interactive video system created by recognized experts in Extensive Livestock Management.



02

Objectives

The Postgraduate Certificate in Small Ruminant Farming in Extensive Systems is designed to facilitate the performance of veterinary professionals based on the latest advances and most innovative treatments in the sector.

Our goal is to achieve academic excellence and to help you achieve professional success as well"

General Objectives

- Analyze the historical evolution of the production system
- Evaluate the importance of each of the productions of the species
- Define the current importance of sheep on farms
- Conduct an in-depth analysis of the general characteristics of extensive goat farming in Europe and around the world
- Develop the ideal production plan for extensive goat farms
- Evaluate the critical points present in extensive goat farms
- Analyze dairy, meat and other goat products

Take the opportunity and take the step to get up to date on the latest developments in Small Ruminant Farming in Extensive Systems"

Specific Objectives

- Present a detailed study of the current genetic background
- Develop the incidence of foreign breeds and those mixed with the local breeds
- Evaluate the importance of the Community Agricultural Policy (CAP) in sheep production
- Identify the situation of sheep production and marketing in the world
- Analyze the different types of meat produced at European and world levels
- Present the consumption of meat in different regions and countries, depending on culinary cultures
- Propose the possible future of sheep production in European and Latin American countries
- Identify the goat breed base: similarities and differences, which will mark its production form
- Analyze the key points in the general management of extensive and semi-extensive goat farms
- Analyze the characteristics of goat feeding
- Analyze characteristics of goat health management
- Analyze the characteristics of reproductive management of goats
- Analyze characteristics of goat facilities
- Describe dairy, meat and other products

03

Course Management

The program includes in its teaching staff leading experts in Extensive Livestock, who pour into this training the experience of their work. They are world-renowned experts from different countries with proven theoretical and practical professional experience.

We have the best teaching team in the field of extensive livestock farming, with years of experience and determined to transmit all their knowledge about this sector"

Management

Dr. Rodríguez Montesinos, Adolfo

- PhD and Degree in Veterinary Medicine from the Complutense University of Madrid
- Graduated in Veterinary Medicine in 1979 with the qualification of Outstanding at the Complutense University of Madrid, subsequently carrying out the corresponding doctoral studies, finishing them with the reading of the Doctoral Thesis in 1992, qualified as Apto cum Laude
- Journalist Registered with the Federation of Press Associations and the Press Association of Madrid
- Coordinating Professor of Animal Production (Third year of the Veterinary Degree) and Ethnology (Second Postgraduate Certificate of the Veterinary Degree) at the Alfonso X El Sabio University from 2009 to the present
- Director of Final Degree Projects at Universidad Alfonso X El Sabio
- Training Coordinator, Director and Professor of Postgraduate Courses organized by the General Council of Veterinary Associations of Spain, for veterinarians on the fighting bull and expertise in bullfighting shows, taught in more than 200 editions from 1987 to the present

Professors

Ms. García-Atance Fatjó, María Asunción

- Professor of Genetics, Faculty of Veterinary Medicine, Alfonso X el Sabio University
- Collaborator in the teaching of the subjects Genetics and Breeding and Health between 1998 and 2005 in the veterinary degree at the Complutense University of Madrid, linked as teaching and research staff to this entity
- Degree in Veterinary Medicine from the Complutense University Madrid

Dr. Huertas Vega, Víctor Manuel

- Degree in Veterinary Medicine from the Complutense University of Madrid (specialization in zootechnics)
- Obtained the Postgraduate Certificate of Advanced Studies in 2006.
- Currently working on their Doctorate, expected date of thesis defence
- Associate Professor at the Complutense University of Madrid in the Department of Animal Production in the Veterinary Degree
- Technical Veterinarian of the Lidia Cattle Herd Book (Volume A)
- Professor in the Basic Postgraduate Certificate of Specialization in Bullfighting Shows given by the General Council of Veterinary Associations of Spain

04

Structure and Content

The contents have been designed and structured by the best professionals in Small Ruminant Farming in Extensive Systems, with an extensive background and recognized prestige in the profession, backed by the volume of cases reviewed and studied, and with a broad mastery of new technologies.

We have the most complete and up-to-date academic program in the market. We strive for excellence and for you to achieve it too"

Module 1. Extensive Sheep Meat and Milk Production

1.1. Sheep Production Worldwide
- 1.1.1. Types of Production
- 1.1.2. Census. Worldwide, Continental. European Union
- 1.1.3. European Union
- 1.1.4. Type of Farms
- 1.1.5. Number and Evolution of Farms at the Regional and Provincial Levels

1.2. Meat Production I
- 1.2.1. Importance at the Global, Continental and European Level
- 1.2.2. Reproduction: Characteristics and Systems. Reproductive Planning. Crosses

1.3. Meat Production II
- 1.3.1. Health
- 1.3.2. Feeding
- 1.3.3. Installations
- 1.3.4. Types of Commercial Meat and their Labeling

1.4. Dairy Sheep Production
- 1.4.1. Importance at the Global, Continental and European Level
- 1.4.3. Reproduction Characteristics and Systems. Reproductive Planning. Crosses
- 1.4.4. Feeding, Facilities, Handling
- 1.4.5. Milk Characteristics, Cheese Yields

1.5. Sheep Production
- 1.5.1. Wool Morphology
- 1.5.2. Production Worldwide
- 1.5.3. Evolution of Production and Profitability

1.6. Future of Sheep Production
- 1.6.1. Influence of the Common Agricultural Policy
- 1.6.2. Culinary Culture
- 1.6.3. Labor Factor
- 1.6.4. Production Costs
- 1.6.5. Importance in the Social Structure of the Rural World

Module 2. Extensive Goat Meat and Dairy Production

2.1. Breed Base I: Dairy Goats
  2.1.1. Foreign Breeds
2.2. Breed Base II: Meat Goats, Dual Purpose and Other Aptitudes
  2.2.1. Indigenous Breeds in Danger of Extinction
  2.2.2. Foreign Breeds
2.3. Goat Breeding and Management
  2.3.1. General Management of Beef Goats
  2.3.2. General Management of Dairy Goats
2.4. Goat Feeding and Nutrition
  2.4.1. Dairy Goat Feeding
  2.4.2. Beef Goat Feeding and Other Abilities
2.5. Livestock Health Management
  2.5.1. Disease Prevention: Health Plan
  2.5.2. Most Common Pathologies
  2.5.3. Most Frequent Injuries Derived from the Type of Exploitation
2.6. Goat Facilities
  2.6.1. Minimum Facilities for Goats for Meat Production
  2.6.2. Minimum Facilities in Dairy Goats
  2.6.3. Animal Well-Being

2.7. Reproductive Management of Goats
- 2.7.1. Characteristics of the Sexual Cycle and Gestation
- 2.7.2. Individual Reproductive Parameters
- 2.7.3. Reproductive Management: Estrus Induction and Synchronization of Estrus
- 2.7.4. Reproductive Plan Farms

2.8. Main Products Related to Goat Milk
- 2.8.1. Milk and Cheese
- 2.8.2. Other Dairy Products
- 2.8.3. PDO and PGI Products

2.9. Main Products Related to Goat Meat
- 2.9.1. Suckling Kid
- 2.9.2. Goats, Goat and Other Meat By-Products
- 2.9.3. PDO and PGI Products

2.10. Other Goat Production Capabilities
- 2.10.1. Hair and Fiber
- 2.10.2. Leather and Hides
- 2.10.3. Manure
- 2.10.4. Other Uses
- 2.10.5. By-Products

This program will allow you to seamlessly advance in your career"

05

Methodology

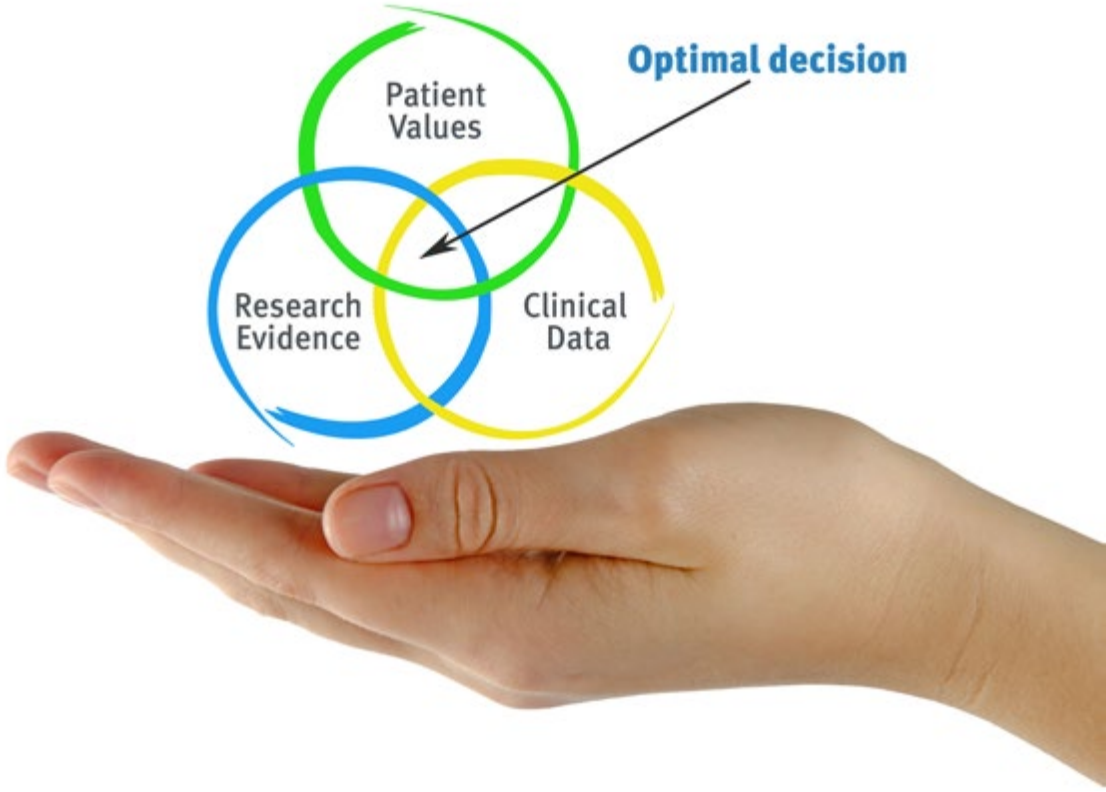
This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning.**
This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** 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:

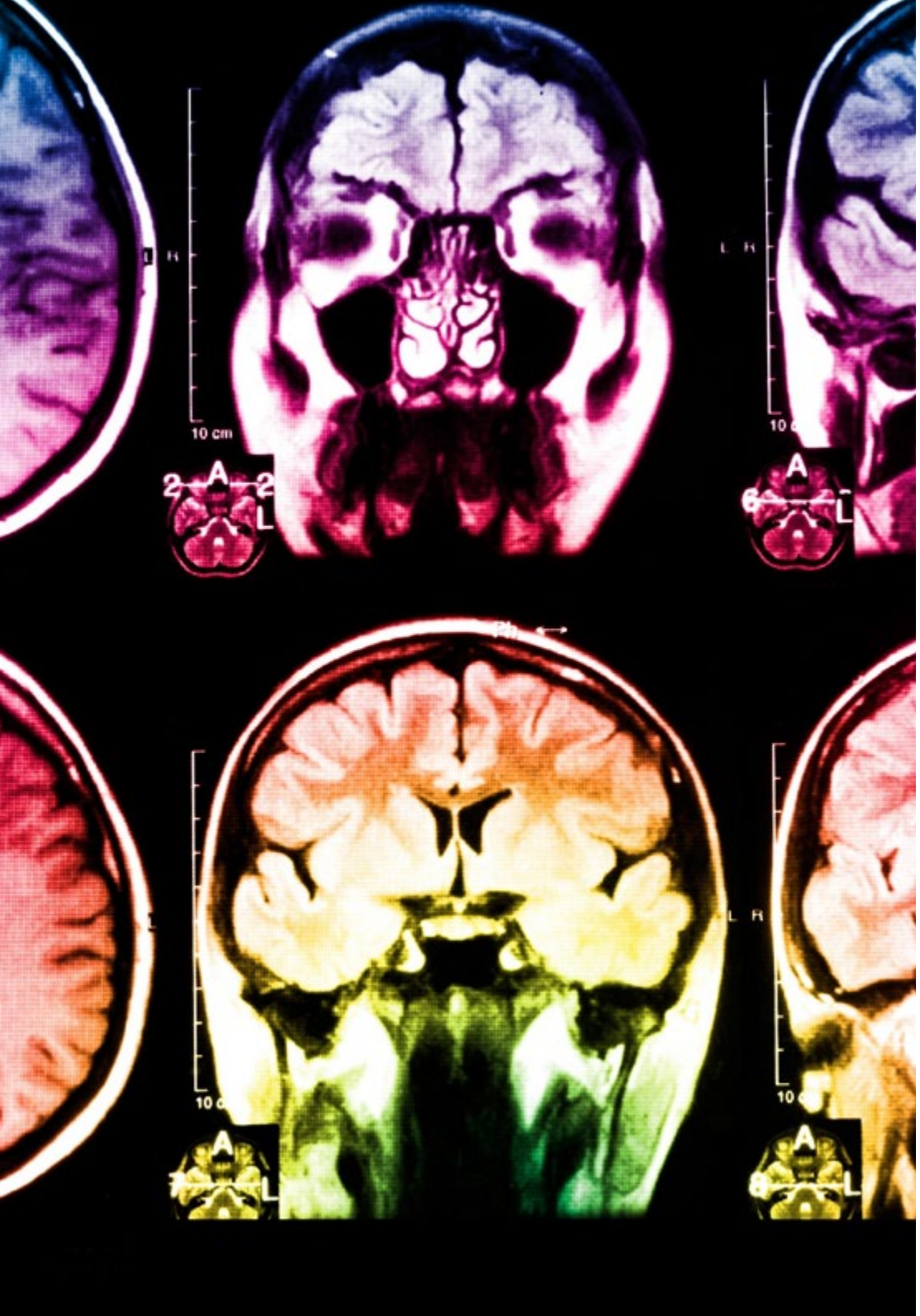
1. Veterinarians who follow this method not only manage to assimilate concepts, but also develop their mental capacity through exercises to evaluate real situations and knowledge application
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real 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 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.

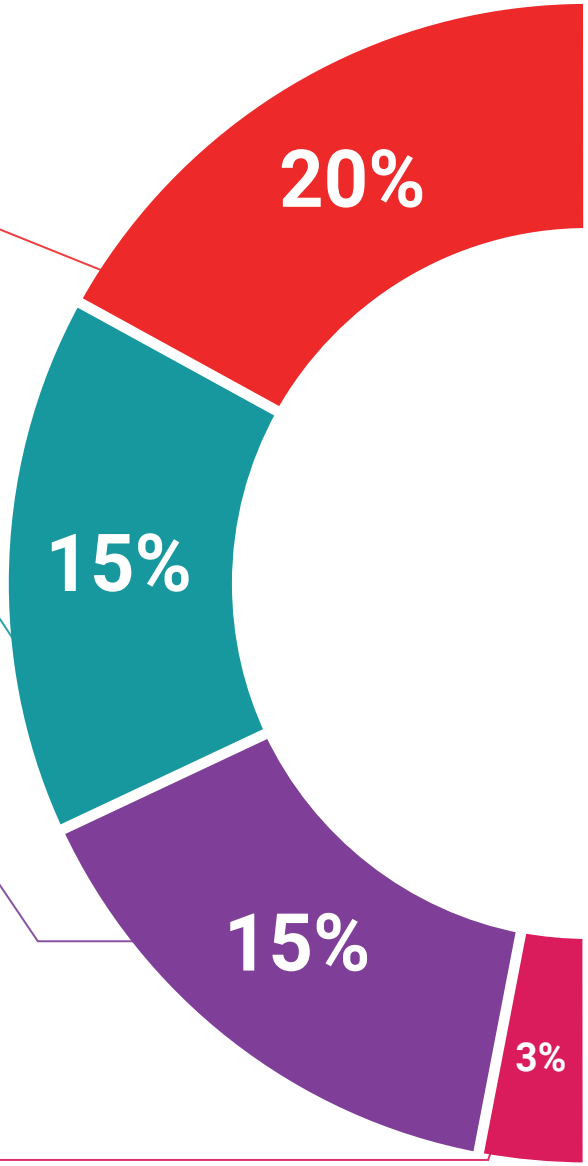
Interactive Summaries

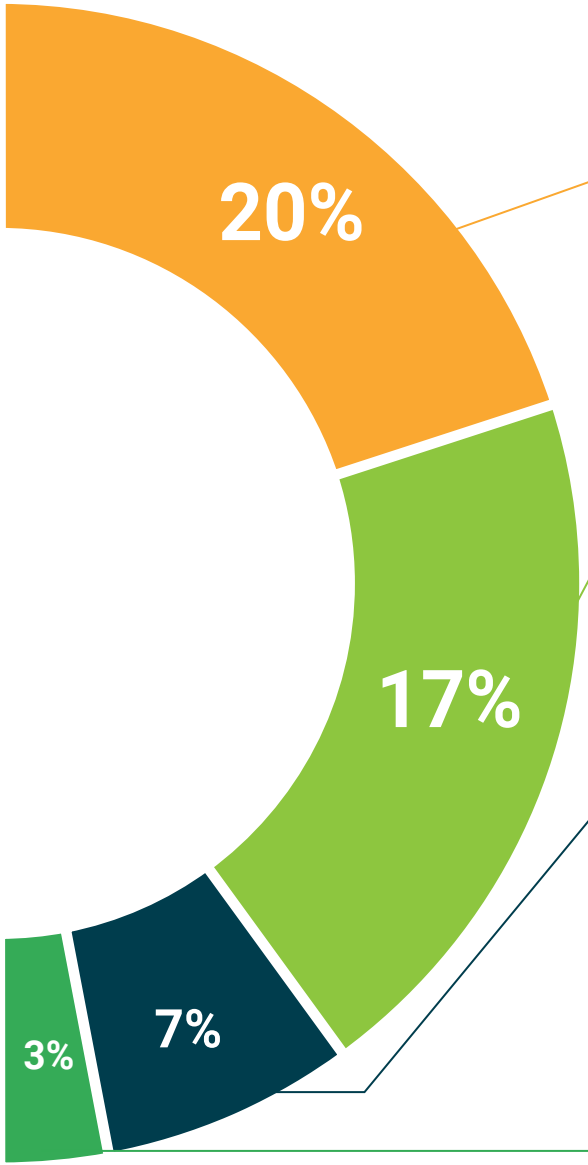
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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 Small Ruminant Farming in Extensive Systems guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.

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 Small Ruminant Farming in Extensive Systems** 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 Small Ruminant Farming in Extensive Systems**

Modality: **online**

Duration: **8 weeks**

Accreditation: **12 ECTS**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Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Postgraduate Certificate in Small Ruminant Farming in Extensive Systems

This is a program of 360 hours of duration equivalent to 12 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Rector

Unique TECH Code: AFWORD23S techtitute.com/certificates

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

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Postgraduate Certificate

Small Ruminant Farming in Extensive Systems

- Modality: **online**
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