Master's Degree

Advances in Applied Phytotherapy

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Master's Degree

Advances in Applied Phytotherapy

- Modality: **online**
- Duration: **12 months**
- Certificate: **TECH Global University**
- Credits: **60 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Website: www.techtitute.com/us/physiotherapy/master-degree/master-advances-applied-phytotherapy

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01

Introduction

Muscle pain in different areas of the body such as the back, shoulder or legs are initially associated with possible shocks. However, it has been scientifically proven that an incorrect diet or emotions have a considerable influence on a person's musculoskeletal condition. In this sense, the advances that have occurred in the field of phytotherapy have made it possible to achieve greater effectiveness of the active ingredients that act on the body itself. These advances, together with the rehabilitative action of the physiotherapist, improve the patient's health. In view of this reality, this program was created to provide the professional with the most recent knowledge on medicinal plants and the application of phytotherapy in disorders of the nervous system, endocrine disorders or in the locomotor system.

You will easily update your knowledge in Applied Phytotherapy thanks to the specialized and referential teaching staff that teaches this program"

The current challenge of phytotherapy is to achieve greater effectiveness in the treatment of certain pathologies. Scientific advances in this field have consolidated this discipline, which has been allied in recent years with new technologies to achieve greater precision in treatments. In addition, studies have shown positive results in dermatology, parasitic diseases or musculoskeletal conditions. It is precisely in this area where the physiotherapist finds in phytotherapy a tremendously useful tool to complete the patient's recovery.

According to recent scientific postulates, the most frequent ailments in the lumbar and cervical spine or joint injuries such as arthritis or rheumatism can be effectively treated with phytotherapy. Thus, the progress in this field and the greater acceptance by the population in this type of therapies have led TECH to design this Master's Degree, which offers the professional the most current and relevant information.

For this purpose, the specialist will have a team of professionals versed in this field, who will bring them closer, throughout 12 months, to the most advanced and current knowledge on Applied Phytotherapy. Through multimedia teaching resources, the students will be able to deepen in a much more dynamic way in the progress of phytotherapy in the treatment of muscular contractures, gout, sarcopenia or as an anti-inflammatory action in joint pain. Likewise, the case studies provided by the teaching staff of this program will bring the professional closer to situations where they can implement this discipline in their usual clinical practice.

TECH also offers a quality university qualification that can be accessed at any time of the day from a device with an internet connection. In addition, the professional has the option of distributing the teaching load according to their needs, thus allowing them to combine a program that is at the academic forefront with the most demanding responsibilities.

This **Master's Degree in Advances in Applied Phytotherapy** contains the most complete and up-to-date scientific program on the market. The most important features include:

- Practical case studies are presented by experts in Phytotherapy
- The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- Practical exercises where self-assessment can be used to improve learning
- Its special emphasis on innovative methodologies
- 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

You will learn about the latest advances in the cultivation, harvesting, processing and conservation of medicinal plants and their effectiveness in certain pathologies"

With this Master's Degree, you will be able to update your knowledge on the proper use of plant-based drugs and plant toxicity"

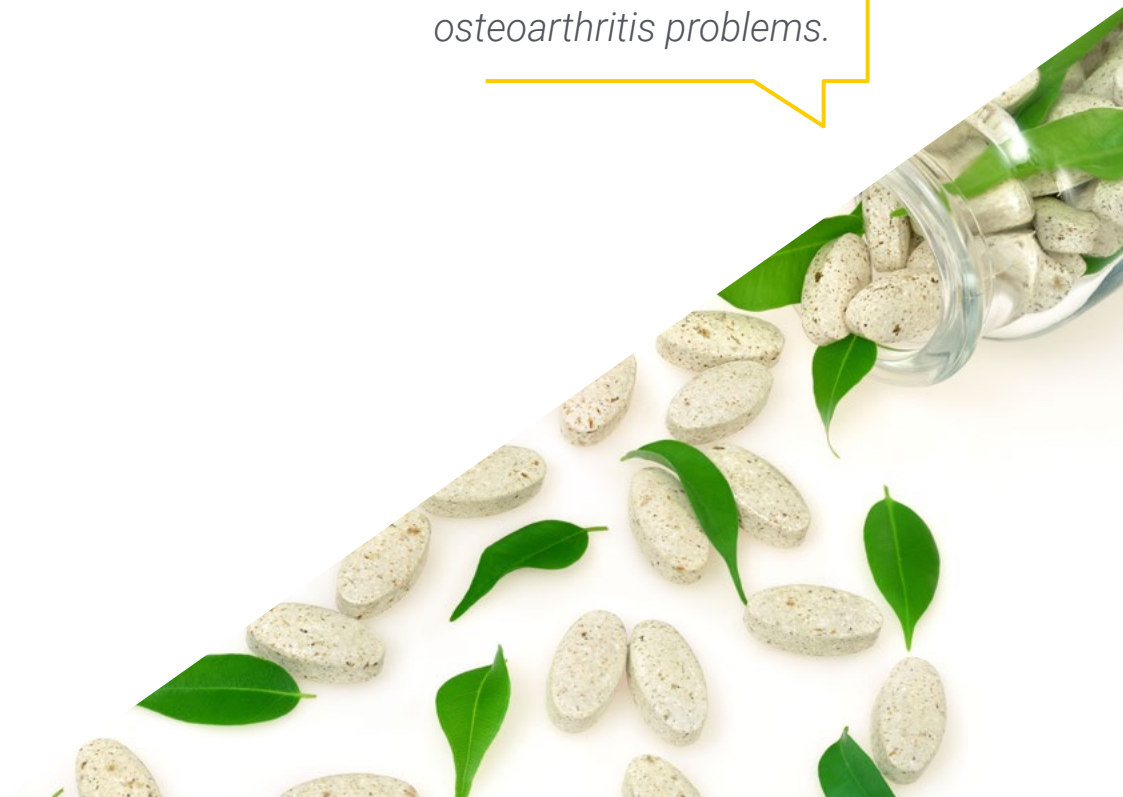
With this qualification, you will learn more about the active plant ingredients in the treatment of cardiovascular problems.

You will have access 24 hours a day to the most advanced and current multimedia content on the application of phytotherapy in patients with osteoarthritis problems.

The program's teaching staff includes professionals from the sector who contribute their work experience to this program, as well as renowned specialists from leading 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 professional must try to solve the different professional practice situations that arise throughout the program. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.



02

Objectives

TECH has created this Master's Degree with the main objective of providing the physiotherapy professional with the latest knowledge in the field of Applied Phytotherapy. To do this, it provides students with the most current pedagogical tools, allowing them to delve into the innovations in this field in a more visual and attractive way. In addition, you will be accompanied by a specialized teaching team, to successfully achieve these goals of updating.

TECH has designed a university program that will keep you up to date with scientific studies and progress in Applied Phytotherapy"

General Objectives

- Define the therapeutic limits of Phytotherapy and identify the cases in which it can be used safely
- Describe the use of Phytotherapy oriented to the satisfaction of the needs derived from the patient's health problems and the prevention of complications, guaranteeing a safe and quality practice
- Solve cases related to the field of phytotherapy
- Explain the use and indication of medical devices, food supplements and/or drugs, assessing the expected benefits and associated risks.
- Apply theoretical knowledge in daily practice

Learn more about the main applications of phytotherapy in patients with muscular pain from the comfort of your computer at any time of the day"

Specific Objectives

Module 1. Phytotherapy and Herbal Medicines

- Define what a drug is and distinguish it from an active ingredient
- Explain the protocols for drug recognition
- Define the main chemical groups of active ingredients, which are responsible for the activity of drugs and by extension of plants
- Explain techniques for the cultivation, collection, processing and conservation of medicinal plants
- Identify botanical nomenclature and species citation
- Classify plant groups according to current regulations
- Define the medicinal utility of mushrooms
- Explain the legislation and regulation in relation to phytotherapy

Module 2. Active Ingredients of the Plants, Pharmaceutical Forms and Galenic Preparations

- Explain the application of the magistral formulation in phytotherapy
- Explain the industrial processing of herbal medicines
- Define the main groups and properties with relation to the active ingredients
- Define the therapeutic application of phenols, flavonoids, tannins, isoprenoids, resins, alkaloids and other products

Module 3. Toxicity of Medicinal Plants and Risk Groups in Phytotherapy

- Explain the toxicity of medicinal plants so that treatments are safe
- Identify the therapeutic limits of phytotherapy in special groups of patients
- Describe the pharmaceutical forms used in phytotherapy
- Elaborate and select the most appropriate form according to the condition and treatment

Module 4. Phytotherapy for Nervous System Disorders

- Phytotherapy in the Treatment of Anxiety and Sleep Disorders
- Phytotherapy in the Treatment of Stress and Asthenia
- Phytotherapy for the Treatment of Depression
- Phytotherapy in the Treatment of Headaches
- Phytotherapy in Patients with Cognitive Disorders

Module 5. Phytotherapy for Endocrine, Metabolic and Digestive System Disorders

- Define the usefulness of phytotherapy in the treatment of gastritis and ulcers
- Define the usefulness of phytotherapy in the treatment of obesity and overweight
- Define the usefulness of phytotherapy in the treatment of diabetes
- Define the usefulness of phytotherapy in patients with inflammatory bowel disease
- Explain the phytotherapy treatments and the therapeutic limits in the most frequent digestive tract disorders
- Describe phytotherapy treatments and therapeutic limits in endocrine and metabolic disorders

Module 6. Phytotherapy for Disorders of the Locomotor System

- Define the usefulness of phytotherapy in the treatment of arthritis
- Define the usefulness of phytotherapy in the treatment of arthrosis
- Define the usefulness of phytotherapy in the treatment of joint pain
- Identify muscle that act as relaxant medicinal plants for the treatment of muscle contractions
- Define the usefulness of phytotherapy in the treatment of arthrosis
- Identify and classify remineralizing medicinal plants
- Explain the phytotherapy treatments and therapeutic limits in locomotor system disorders

Module 7. Phytotherapy for Cardiovascular and Respiratory Diseases

- Define the usefulness of phytotherapy in the treatment of heart failure
- Define the usefulness of phytotherapy in the treatment of arterial hypertension
- Define the usefulness of phytotherapy in the treatment of venous insufficiency
- Define the usefulness of phytotherapy in the treatment of coughs
- Describe phytotherapy treatments and therapeutic limits in cardiovascular conditions
- Describe the phytotherapy treatments and therapeutic limits in respiratory system disorders
- Define the usefulness of phytotherapy in the treatment of allergic respiratory processes

Module 8. Phytotherapy for Gynecological and Urinary System Affections

- Describe phytotherapy treatments and therapeutic limits in urinary system disorders, especially in BPH
- Know the phytotherapy treatments and therapeutic limits in gynecological conditions such as menopause

Module 9. Dermatological Phytotherapy

- Describe phytotherapy treatments and therapeutic limits in skin conditions
- Describe the phytotherapy treatments and therapeutic limits in scalp disorders
- Explain the relationship between cosmetics and phytotherapy, and their application

Module 10. Other Applications of Phytotherapy: Immunomodulatory Phytotherapy, Phytotherapy for Pathologies of the Sensory Organs, Phytotherapy for Parasitic Diseases and Aromatherapy

- Define the therapeutic limits of aromatherapy, its application and associated risks
- Explain the activity of medicinal plants on the immune system and their possible application in certain pathologies related to the immune system
- Define the application of phytotherapy in pathologies of the sense organs

03

Skills

Undoubtedly, technological progress in fields such as Phytotherapy makes it necessary for physiotherapists to update their knowledge. Therefore, this program, in addition to offering the latest information, will allow students to enhance their skills in this field and expand their skills in the management of patients who come to their office with problems affecting the locomotor, nervous or digestive system.

With this program you will be able to enhance your skills to provide the best resources in phytotherapy to patients with joint problems"

General Skills

- Master the classification and nomenclature of active ingredients
- Utilize phytotherapy to prevent and treat diseases
- Deal expertly with the problems of overdosage, intoxication, etc
- Solve specific problems by applying phytotherapy
- Acquire skills in the collection, preservation and manipulation of medicinal plants
- Master the strategies of scientific research in phytotherapy
- Master professional communication skills
- Integrate evidence-based medicine into daily practice
- Provide support and phytotherapeutic advice
- Know how to update therapeutic plans to meet the most current standards

Specific Skills

- Keep clinical knowledge up to date with new advances in applied phytotherapy
- Master the advances in clinical phytotherapy
- Recognize and classify different medicinal plants and active ingredients
- Update knowledge in phytotherapy in various conditions
- Manage phytotherapy in relation to appetite and satiety
- Delve into the relationship between phytotherapy and endocrinology
- Gain in-depth knowledge of the bioethics of clinical research and of the professional/patient relationship
- Know and handle the different taxonomies in phytotherapy
- Know the different pathologies derived from abuse and addiction problems
- Master the problems of drug abuse
- Master the phytotherapy treatment of various childhood disorders
- Master phytotherapy in the treatment of urinary tract infections
- Apply phytotherapy in arthritis and osteoarthritis
- Define the properties of phytotherapy for joint pain
- Identify muscle relaxant medicinal plants for the treatment of muscle contractions
- Apply phytotherapy in the treatment of rheumatism
- Identify uricosuric plants
- Define the use of phytotherapy in the treatment of sarcopenia
- Identify remineralizing medicinal plants

The case studies provided by the specialists in Applied Phytotherapy will bring you closer to situations that have a methodology which you will be able to integrate into your daily practice"

04

Course Management

TECH has carefully selected the faculty that teaches this program. This has taken into account their high qualifications in Pharmacy, Biology or Medicine. In addition to their advanced knowledge in these areas, the teaching staff has extensive professional experience in Applied Phytotherapy. All this is a guarantee to the students of this program, who seek to obtain the latest information in this field from the best professionals.

This Master's Degree has a multidisciplinary teaching team in Applied Phytotherapy. Thanks to them you will be up to date with the latest news in this specialty"

Professors

Dr. Acero de Mesa, Nuria
- Pharmacist
- Doctor of Pharmacy
- Full Professor, Department of Pharmaceutical and Health Sciences, Faculty of Pharmacy, CEU San Pablo University

Dr. Allué Creus, Josep
- Pharmacist
- Doctor of Pharmacy
- Titular Professor Department of Animal Biology, Plant Biology and Ecology at the Autonomous University of Barcelona

Ms. Alonso Osorio, María José
- Pharmacist
- Specialist in Galenic and Industrial Pharmacy
- Member of Medicinal Plants and Homeopathy, College of Pharmacists of Barcelona
- Postgraduate Diploma in Advances in Applied Phytotherapy from the University of Montpellier

Dr. Bachiller Rodríguez, Luis Ignacio
- Doctor
- President of the Asturian Society of Advances in Applied Phytotherapy
- Degree in Medicine and Surgery
- University Postgraduate Diploma in Advances in Applied Phytotherapy and Medicinal Plants from the University of Montpellier

Dr. Balaguer Fernández, Cristina
- Pharmacist
- Doctor of Pharmacy
- Assistant Professor in the Department of Pharmacy at the Faculty of Health Sciences of the CEU Cardenal Herrera University

Dr. Bejarano, María
- Pharmacist
- Doctor of Pharmacy
- Pharmacist in pharmacy office

Dr. Beltrán Montalbán, Estanislao
- Specialist in Obstetrics and Gynecology
- Doctor of Medicine

Dr. Beltrán Sanz, Vicente
- Pharmacist
- Doctor of Pharmacy
- Pharmacy office holder

Dr. Blanquer Hernández, Antonio
- Biologist
- D. in Biology
- Professor in the Department of Pharmacy of the Faculty of Health Sciences at CEU Cardenal Herrera University

Ms. Buendía Sánchez, Esmeralda
- Pharmacist
- Technical Pharmaceutical Director Arkopharma Laboratories

Dr. Calatayud Pascual, Araceli
- Pharmacist
- Doctor of Pharmacy
- Assistant Professor in the Department of Pharmacy at the Faculty of Health Sciences of the CEU Cardenal Herrera University

Dr. Carretero Accame, María Emilia
- Doctor of Pharmacy
- Professor, Department of Pharmacology, Faculty of Pharmacy, Complutense University of Madrid

Dr. Catalá, Pedro
- Cosmetologist
- Doctor of Pharmacy
- Founder of Twelve Beauty

Dr. D´Ivernois Rodríguez, Araceli
- Pharmacist
- Technical Director at a Drug Information Center
- Degree in Pharmacy

Dr. Dea Ayuela, María Auxiliadora
- Pharmacist
- Doctor of Pharmacy
- Assistant Professor in the Department of Biomedical Sciences at the Faculty of Health Sciences of the CEU Cardenal Herrera University

Mr. Folgado Bisbal, Ricardo V
- Pharmacist
- Member of the Illustrious Official College of Pharmacists of Valencia
- Degree in Pharmacy

Dr. García-Fontestad, Gema Alejandra
- Pharmacist
- Pharmacist in pharmacy office
- Doctor of Pharmacy

Dr. García Giménez, María Dolores
- Pharmacist
- Professor of Pharmacy in the Department of Pharmacology of the Faculty of Pharmacy at the University of Seville
- Doctor of Pharmacy

Dr. González Rosende, Eugenia
- Pharmacist
- Doctor of Pharmacy
- Assistant Professor in the Department Pharmacy at the Faculty of Health Sciences of the CEU Cardenal Herrera University

Dr. Güemes Heras, Jaime
- Curator of the Botanical Garden, Cavanilles Institute of Biodiversity and Evolutionary Biology in Valencia
- D. in Biology

Dr. Guerrero Masiá, María Dolores
- Pharmacist
- Doctor of Pharmacy
- Professor in the Department of Pharmacy of the Faculty of Health Sciences at CEU Cardenal Herrera University

Ms. Ibars Almonacil, Ana
- Botany Specialist
- Botany teaching unit at the University of Valencia

Ms. Izquierdo Palomares, Rosa
- Pharmacist
- Degree in Community Pharmacy

Dr. León Bello, Gemma
- Pharmacist
- Associate Professor of Pharmacology at the CEU Cardenal Herrera University
- PhD in Public Health
- Degree in Pharmacy

Dr. Les Parellada, Francisco
- Pharmacist
- Research teaching staff of the San Jorge University
- Member of the research group Plant Bioactive Principles
- Doctor of Pharmacy

Mr. López Briz, Eduardo
- Specialist in Industrial and Galenic Pharmacy
- Head of Pharmacy Section at the Valencia Regional Ministry of Health

Dr. López Ramos, Víctor
- Pharmacist
- Doctor of Pharmacy
- Associate Professor in the Department of Pharmacy of the Faculty of Health Sciences at the San Jorge University of Zaragoza

Dr. Máñez Aliño, Salvador
- Pharmacist
- Doctor of Pharmacy
- Professor of Pharmacology, Department of Pharmacology, Faculty of Pharmacy, University of Valencia

Dr. Marín Vázquez, Marta
- Pharmacist
- Doctor of Pharmacy
- Assistant Professor in the Department of Pharmacy at the Faculty of Health Sciences of the CEU Cardenal Herrera University

Dr. Martín Almendros, Miguel
- Medical Surgeon
- Secretary of the Working Group on Advances in Applied Phytotherapy SEMERGEN
- Degree in Medicine and Surgery

Dr. Martín López, Teresa
- Pharmacist
- Doctor of Pharmacy
- Professor of the Department of Pharmacology at the Faculty of Pharmacy of the University of Alcalá

Dr. Moreno Royo, Lucrecia
- Pharmacist
- Professor in the Department of Pharmacy Faculty of Health Sciences at CEU Cardenal Herrera University

Dr. Muñoz-Mingarro, Dolores
- Pharmacist
- Professor of the Department of Chemistry and Biochemistry, Faculty of Pharmacy, CEU San Pablo University
- D. in Biological Sciences

Dr. Navarro Moll, Concepción
- Pharmacist
- Professor of Pharmacology, Department of Pharmacology, Faculty of Pharmacy, University of Granada
- Doctor of Pharmacy

Dr. Noguera Romero, María Antonia
- Pharmacist
- Professor of the Department of Pharmacology at the Faculty of Pharmacy of the University of Valencia
- Doctor of Pharmacy

Dr. Ortega Hernández-Agero, María Teresa
- Pharmacist
- Professor of the Department of Pharmacology at the Faculty of Pharmacy of the Complutense University of Madrid
- Doctor of Pharmacy

Dr. Palomino Ruiz-Poveda, Olga
- Pharmacist
- Doctor of Pharmacy
- Associate Professor at the Department of Pharmacology, Faculty of Pharmacy, Complutense University of Madrid

Dr. Puchol Enguídanos, Santiago Vicente
- the Athlete
- Pharmacist in pharmacy office
- Doctor of Pharmacy

Ms. Reigada Ocaña, Inés
- Pharmacist
- Researcher at the University of Helsinki
- Degree in Pharmacy

Dr. Ríos Cañavate, José Luis
- Pharmacist
- Professor of Pharmacology, Department of Pharmacology, Faculty of Pharmacy, University of Valencia
- Doctor of Pharmacy

Dr. Rodilla Alama, Vicente
- Biologist
- Professor in the Department of Pharmacy Faculty of Health Sciences at CEU Cardenal Herrera University
- D. in Biology

Dr. Sanahuja Santafé, Maria Amparo
- Pharmacist
- Assistant Professor in the Department from Pharmacy at the Faculty of Health Sciences of the CEU Cardenal Herrera University
- Doctor of Pharmacy

Dr. Sánchez Thevenet, Paula
- Biochemistry
- Assistant Professor in the Department of Biomedical Sciences at the Faculty of Health Sciences of the CEU Cardenal Herrera University

Dr. Soriano Guarinos, Pilar
- Pharmacist
- Doctor of Pharmacy
- Professor of the Department of Botanics at the Faculty of Pharmacy of the University of Valencia

Ms. Tejerina, Eva
- Senior Consultant at Apdena Consult S.L

Ms. Villagrasa, Victoria
- Pharmacist
- Assistant Professor in the Department from Pharmacy at the Faculty of Health Sciences of the CEU Cardenal Herrera University
- Doctor of Pharmacy

05

Structure and Content

The professional who studies this university program has at their disposal a library of teaching resources and a syllabus divided into 10 modules that will bring them closer to the most current and relevant information in the world of Applied Phytotherapy. In addition, thanks to the Relearning system, used by TECH in all its programs, you will be able to advance in a much more natural way through a content that will allow you to delve into phytotherapy applied to immune system disorders, the therapeutic limits of aromatherapy or the relationship between phytotherapy and pathologies of the locomotor system.

The Relearning system will allow you to advance quickly through the content of this program and even reduce the long hours of study"

Module 1. Phytotherapy and Herbal Medicines

1.1. Phytotherapy: Definition and Scope of Application
1.2. Botanical Nomenclature and the Citation of Species in Phytotherapy
1.3. Current Classification of Plant Groups
1.4. Regulation of the European Market for Medicinal Herbal Preparations: Legal Regulations and Scope of Application
1.5. Cultivation, Collection, Processing and Preservation of Medicinal Plants
1.6. Plant-Based Drugs: Impact of Drug Recognition on the Quality of Phytotherapeutic Products
1.7. Mushrooms with Medicinal Utility

Module 2. Active Ingredients of the Plants, Pharmaceutical Forms and Galenic Preparations

2.1. Active Ingredients: Main Groups and Properties, as a Basis that Justifies the use of Phytotherapy
2.2. Carbohydrates, Lipids, Proteins, and Sulfocyanogenetic Heterosides and their Therapeutic Application
2.3. Simple Phenols, Coumarins and Lignans and their Therapeutic Application
2.4. Flavonoids and their Therapeutic Application
2.5. Tannins and Quinones, and their Application
2.6. Isoprenoids, Saponins and Cardiotonic Heterosides and their Application
2.7. Resins and their Application
2.8. Alkaloids and their Application
2.9. Magistral Formulation in Phytotherapy
2.10. Other Pharmaceutical Forms in Phytotherapy
2.11. Industrial Processing of Herbal Medicines

Module 3. Toxicity of Medicinal Plants and Risk Groups in Phytotherapy

3.1. Medicinal Plants Toxicity
3.2. Safety and Interactions of Medicinal Plants
3.3. Phytotherapy in Pediatrics
3.4. Phytotherapy in Pregnancy and Lactation
3.5. Phytotherapy in Geriatrics

Module 4. Phytotherapy for Nervous System Disorders

4.1. Define the Use of Phytotherapy in the Treatment of Anxiety and Sleep Disorders
4.2. Define the Usefulness of Phytotherapy in the Treatment of Stress and Asthenia
4.3. Define the Usefulness of Phytotherapy in the Treatment of Depression
4.4. Define the Usefulness of Phytotherapy in the Treatment of Coughs
4.5. Define the Usefulness of Phytotherapy in Patients with Cognitive Disorders

Module 5. Phytotherapy for Endocrine, Metabolic and Digestive System Disorders

5.1. Phytotherapy in the Treatment of Obesity and Overweight People
5.2. Medicinal Plants that Stimulate Appetite
5.3. Phytotherapy and Diabetes
5.4. Phytotherapy in the Treatment of Dyspepsia
5.5. Phytotherapy for the Treatment of Flatulence. Carminative Medicinal Plants
5.6. Phytotherapy for the Treatment of Gastritis and Ulcers
5.7. Phytotherapy for Hepatic Affections and Biliary Dysfunctions
5.8. Phytotherapy for the Treatment of Diarrhea
5.9. Phytotherapy for the Treatment of Constipation
5.10. Phytotherapy in the Treatment of Vomiting
5.11. Phytotherapy in Patients with Inflammatory Bowel Disease

Module 6. Phytotherapy for Disorders of the Locomotor System

6.1. Phytotherapy in Arthritis
6.2. Phytotherapy in Arthrosis
6.3. Phytotherapy for Joint Pain: Anti-Inflammatory and Analgesic
6.4. Medicinal Plants Muscle Relaxants for the Treatment of Muscle Contractions
6.5. Phytotherapy in the Treatment of Rheumatism
6.6. Phytotherapy in the Treatment of Gout: Uricosuric Plants
6.7. Phytotherapy in the Treatment of Sarcopenia
6.8. Remineralizing Medicinal Plants

Module 7. Phytotherapy for Cardiovascular and Respiratory Diseases

7.1. Utility of Phytotherapy in the Treatment of Heart Failure
7.2. Phytotherapy in the Treatment of Arterial Hypertension
7.3. Phytotherapy in the Treatment of Hyperlipidemia Involved in Cardiovascular Diseases
7.4. Phytotherapy in Venous Insufficiency Disorders
7.5. Phytotherapy in Respiratory Infections
7.6. Phytotherapy in the Treatment of Coughs
7.7. Phytotherapy in the Treatment of Allergic Respiratory Processes
7.8. Treatment of Asthma with Active Ingredients Derived from Plants. Antispasmodics
7.9. Phytotherapy and Herbal Active Ingredients in the Treatment of Lung Cancer

Module 8. Phytotherapy for Gynecological and Urinary System Affections

8.1. Phytotherapy in the Treatment of Urinary Tract Infections
8.2. Phytotherapy in the Treatment of Water Retention
8.3. Phytotherapy in the Treatment of Urolithiasis
8.4. Phytotherapy in Patients with Benign Prostatic Hyperplasia
8.5. Phytotherapy in Women with Premenstrual Syndrome
8.6. Phytotherapy for the Treatment of Climacteric Symptomatology
8.7. Phytotherapy for the Treatment of Vaginal Discharge Disorders

Module 9. Dermatological Phytotherapy

9.1. Phytotherapy for Infectious Skin Diseases
9.2. Phytotherapy for Allergic Skin Diseases
9.3. Cosmetics and Phytotherapy
9.4. Phytotherapy for Autoimmune Skin Diseases: Vitiligo and Psoriasis
9.5. Phytotherapy for Scalp Disorders

Module 10. Other Applications of Phytotherapy: Immunomodulatory Phytotherapy, Phytotherapy for Pathologies of the Sensory Organs, Phytotherapy for Parasitic Diseases and Aromatherapy

10.1. Aromatherapy
10.2. Uses and Limitations of Aromatherapy
10.3. Immunostimulant Plants
10.4. Immunosuppressive Plants
10.5. Phytotherapy for the Most Frequent Conditions of the Anterior Part of the Eye
10.6. Phytotherapy in Otological Affections
10.7. Vermifuge Medicinal Plants
10.8. Phytotherapy for the Treatment of Other Parasitic Infections

You are before a 100% online qualification that will give you the opportunity to be up to date in phytotherapy applied to patients with problems in the locomotor system"

06

Methodology

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

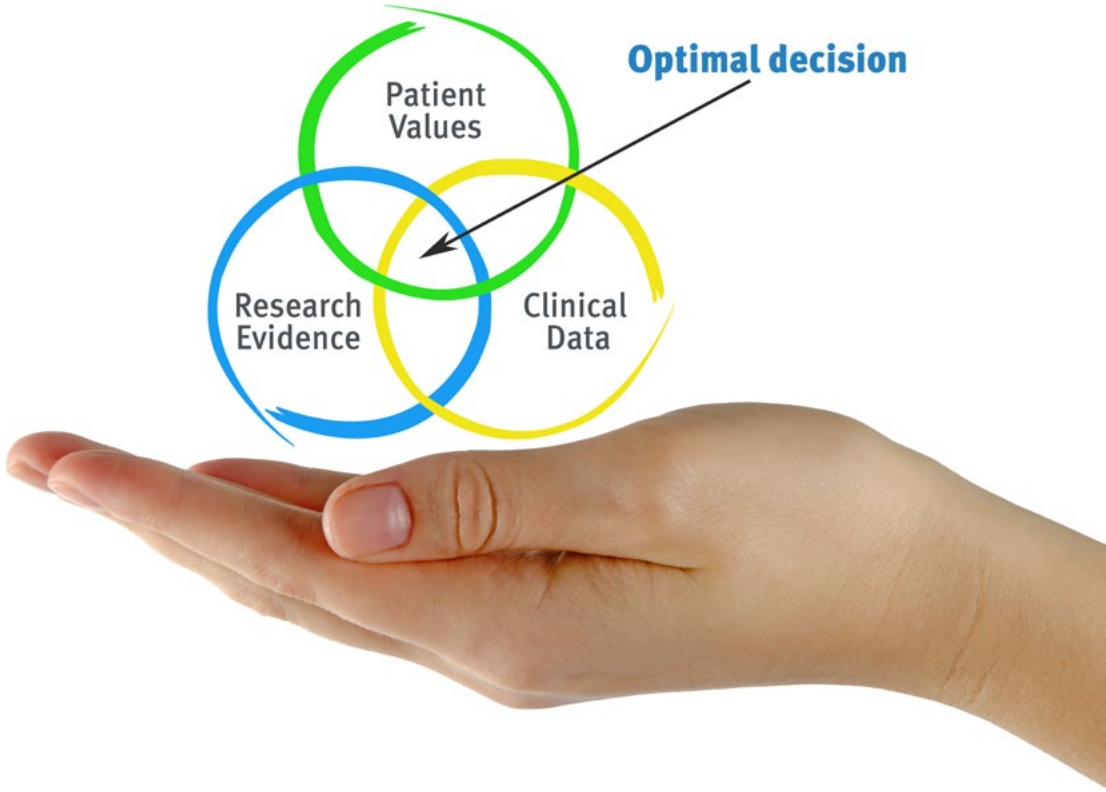
This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.

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, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Physiotherapists/kinesiologists 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, trying to recreate the real conditions of professional physiotherapy 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:

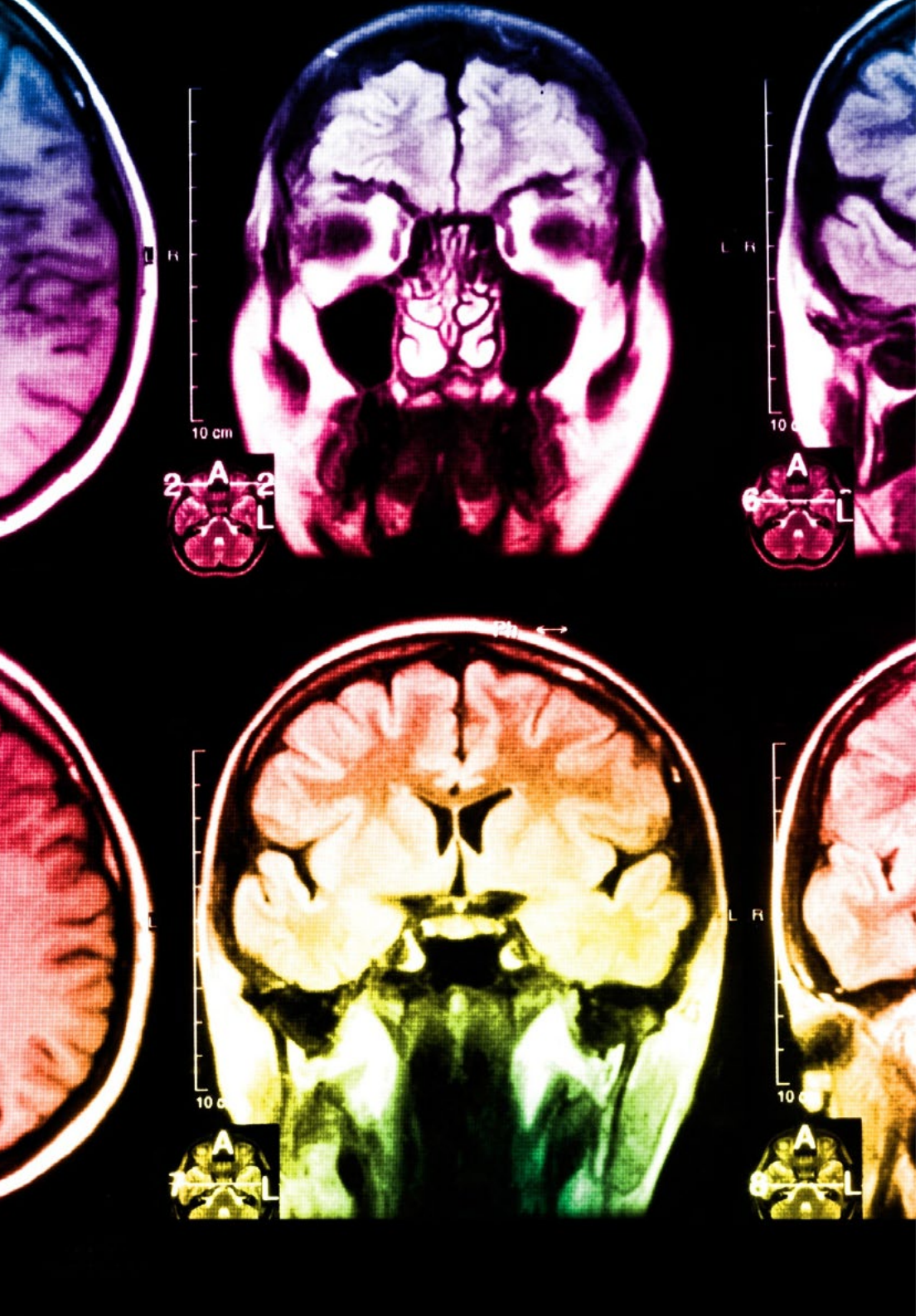
1. Physiotherapists/kinesiologists who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on practical skills that allow the physiotherapist/kinesiologist to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more 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.

The physiotherapist/kinesiologist will learn through real cases and by solving 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 we trained more than 65,000 physiotherapists/kinesiologists with unprecedented success in all clinical specialties, regardless of the workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

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 our 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 really 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.

Physiotherapy Techniques and Procedures on Video

TECH brings students closer to the latest techniques, the latest educational advances and to the forefront of current Physiotherapy techniques and procedures. 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 them as many times as you want.

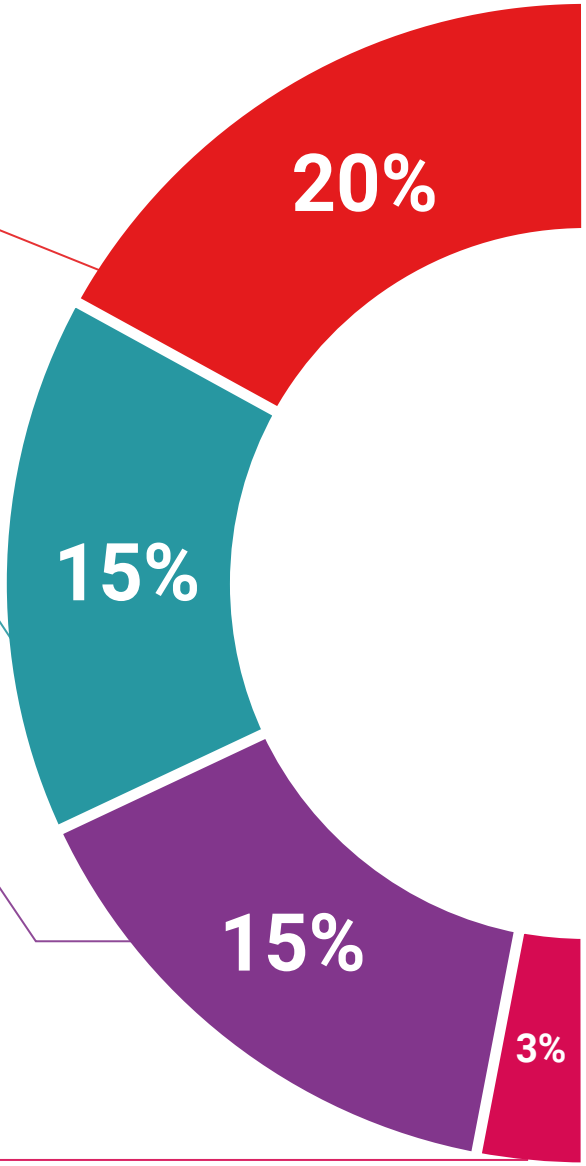
Interactive Summaries

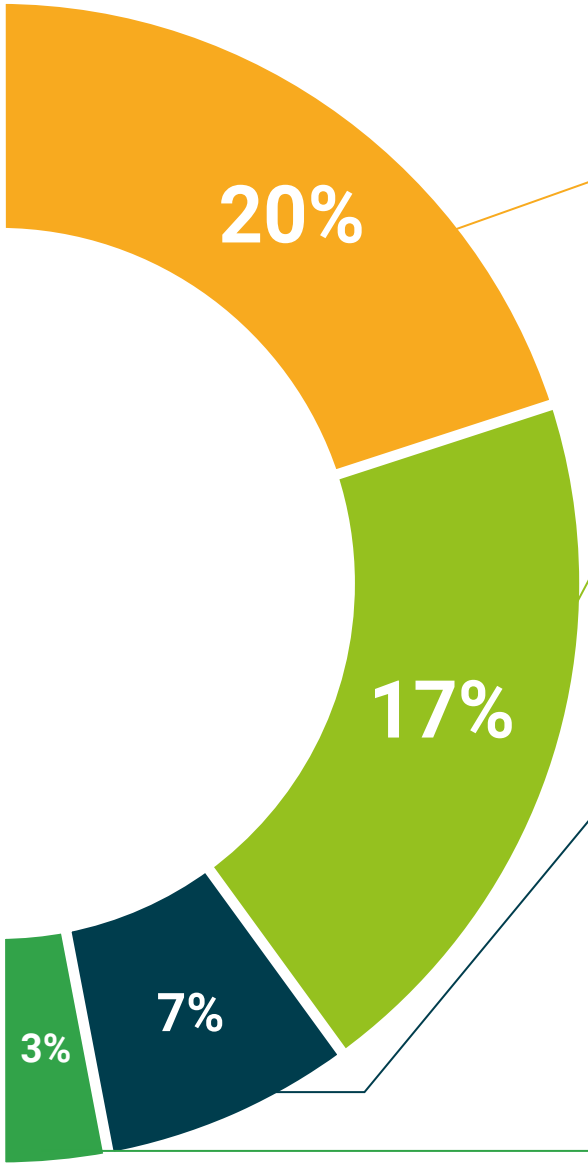
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This unique multimedia content presentation training 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 their goals.

Classes

There is scientific evidence on the usefulness of learning by observing experts. The system known as 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.

07

Certificate

The Master's Degree in Advances in Applied Phytotherapy guarantees students, in addition to the most rigorous and up-to-date education, access to a Master's Degree issued by TECH Global University.

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

This private qualification will allow you to obtain a **Master's Degree diploma in Advances in Applied Phytotherapy** 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** private qualification 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: **Master's Degree in Advances in Applied Phytotherapy**

Modality: **online**

Duration: **12 months**

Accreditation: **60 ECTS**

tech global university

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

Master's Degree in Advances in Applied Phytotherapy

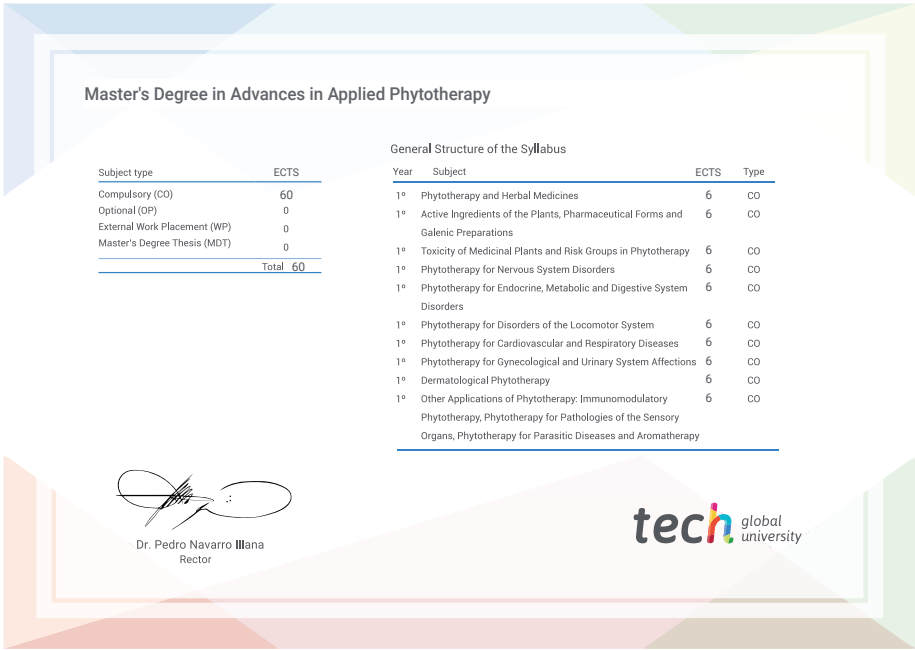
This is a private qualification of 1,800 hours of duration equivalent to 60 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

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
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country. Unique TECH Code: AFWORD23S techtitute.com/certificates



Master's Degree in Advances in Applied Phytotherapy

Subject type	ECTS
Compulsory (CO)	60
Optional (OP)	0
External Work Placement (WP)	0
Master's Degree Thesis (MDT)	0
Total	60

General Structure of the Syllabus

Year	Subject	ECTS	Type
1º	Phytotherapy and Herbal Medicines	6	CO
1º	Active Ingredients of the Plants, Pharmaceutical Forms and Galenic Preparations	6	CO
1º	Toxicity of Medicinal Plants and Risk Groups in Phytotherapy	6	CO
1º	Phytotherapy for Nervous System Disorders	6	CO
1º	Phytotherapy for Endocrine, Metabolic and Digestive System Disorders	6	CO
1º	Phytotherapy for Disorders of the Locomotor System	6	CO
1º	Phytotherapy for Cardiovascular and Respiratory Diseases	6	CO
1º	Phytotherapy for Gynecological and Urinary System Affections	6	CO
1º	Dermatological Phytotherapy	6	CO
1º	Other Applications of Phytotherapy: Immunomodulatory Phytotherapy, Phytotherapy for Pathologies of the Sensory Organs, Phytotherapy for Parasitic Diseases and Aromatherapy	6	CO

Dr. Pedro Navarro Illana
Rector

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*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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Master's Degree

Advances in Applied Phytotherapy

- Modality: **online**
- Duration: **12 months**
- Certificate: **TECH Global University**
- Credits: **60 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Master's Degree

Advances in Applied Phytotherapy

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