

Postgraduate Diploma

Phytotherapy for Endocrine,
Metabolic and Digestive
System Disorders



Postgraduate Diploma Phytotherapy for Endocrine, Metabolic and Digestive System Disorders

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Accreditation: 19 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/medicina/us/medicine/postgraduate-diploma/postgraduate-diploma-phytotherapy-endocrine-metabolic-digestive-system-disorders

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01

Introduction

The most recent studies show how Phytotherapy can obtain favorable results in patients suffering from obesity, diabetes or constipation. Treatments that complement conventional Medicine and have a greater acceptance by patients. In this sense, the continuous advances in this science lead medical professionals to be constantly updated. Therefore, to promote this updating, TECH has created this program that delves into the latest advances in the active ingredients of plants, pharmaceutical forms and the approach to the main disorders of the endocrine, metabolic and Digestive System. All of this in a 100% online format, accessible 24 hours a day from a digital device from a digital device with Internet connection.





“

*A 6-month academic itinerary
through the most current content on
Phytotherapy for Endocrine, Metabolic
and Digestive System Disorders”*

Diseases such as obesity or overweight affect a large number of the world's population. A problem that is addressed from various health areas, but where medicine has a great strength. In this sense, Phytotherapy appears on the scene as an ideal option to complement treatments through dried plants in infusion, in the form of capsules, syrups or extracts.

A wide range of phytotherapeutic options that have shown great effectiveness in the treatment of Endocrine, Metabolic and Digestive System disorders. In this line, TECH has focused this university program in online academic format, taught by an excellent team of specialized professionals.

It is an advanced program of 570 teaching hours, where graduates will delve into the latest scientific studies on Phytotherapy, advances in scientific research on the active principles of plants, pharmaceutical forms and galenic preparations. Likewise, this program dedicates a specific module to the approach through this science of pathologies such as diabetes, hepatic affections and biliary dysfunctions, diarrhea or constipation.

A complete update that acquires greater dynamism thanks to the numerous multimedia resources (video summaries of each topic, In Focus videos), essential readings and simulations of case studies that can be accessed comfortably from any electronic device with an internet connection.

Undoubtedly, a unique academic option that allows the graduate to obtain an effective update through a flexible Postgraduate Diploma. And the fact is that, without attendance or classes with fixed schedules, graduates has greater freedom to visualize the syllabus and make a quality university program compatible with their daily professional responsibilities.

This **Postgraduate Diploma is Phytotherapy for Endocrine, Metabolic and Digestive System Disorders** 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 Applied Phytotherapy
- ♦ The graphic, schematic and eminently practical contents with which it is conceived gather scientific and practical information on those disciplines that are indispensable for professional practice
- ♦ Practical exercises where the self-assessment process can be carried out 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



TECH has designed a program for medical professionals seeking greater autonomy in their study time"

“

Do you want to incorporate the most advanced Phytotherapy to obesity and overweight treatments? Do it thanks to this 100% online academic option”

The program's teaching staff includes professionals from the sector who contribute their work experience to this program, in addition to 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 education programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the course. For this purpose, students will be assisted by an innovative interactive video system created by renowned and experienced experts.

Multimedia pills, essential readings and extensive didactic material are available 24 hours a day, 7 days a week.

Delve into the active principles of Phenols, Flavonoids, Tannins, Isoprenoids, Resins, Alkaloids and include them in your medical guidelines.



02 Objectives

The purpose of this Postgraduate Diploma is to provide graduates with the most current and scientifically rigorous information on Phytotherapy for Endocrine, Metabolic and Digestive System Disorders. A goal that will be much easier to achieve, thanks to the numerous teaching resources and the theoretical-practical approach of a program that will allow them to incorporate the latest advances in this field in their daily practice. A unique opportunity that only TECH offers.





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*Case study simulations
will allow you to integrate the most
effective procedures to address
metabolic problems from 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





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 effects 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 with 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. Phytotherapy of 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 phytotherapeutic treatments and therapeutic limits in endocrine and metabolic Disorders



*Get an effective update
on the uses and limits of
phytotherapeutic treatments to
treat common conditions of the
Digestive System”*

03

Course Management

In its premise to offer a first level program, TECH carries out a meticulous selection process of each and every one of the teachers that integrate its programs. In this way, medical professionals will have access to a syllabus that has been developed by renowned specialists in the pharmaceutical and Phytotherapy field. Likewise, thanks to their proximity and human quality, they will be able to solve any doubts they may have about the content of this program.





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Pharmaceutical and Phytotherapy specialists will be responsible for guiding you during the 6 months of duration of this university program”

Professors

Dr. López Castellano, Alicia

- ♦ Pharmacist Specialist in Industrial and Galenic Pharmacy
- ♦ Researcher and Author of outstanding publications in the area of Phytotherapy and Pharmacy
- ♦ Postgraduate Diploma in Pharmacy and Pharmaceutical Technology
- ♦ Reviewer of the most important scientific journals such as: International Journal of Pharmaceutics, Journal of Controlled Release, Journal of Pharmaceutical Science, Drug Development and Industry Pharmacy, Journal of Drug Delivery Science, European Journal of Pharmaceutics and Biopharmaceutics, Technology and Journal of Pharmacy and Pharmacology
- ♦ Director of the Department of Physiology, Pharmacology and Toxicology at CEU Cardenal Herrera University
- ♦ Dean of the Faculty of Health Sciences, CEU Cardenal Herrera University
- ♦ Associate Professor and Senior Research Technician, Department of Pharmacy and Pharmaceutical Technology, University of Valencia
- ♦ Participation in presentations and communications in national and international congresses
- ♦ Doctor of Pharmacy (PhD) from the University of Valencia
- ♦ Degree in Pharmacy
- ♦ Member of: Faculty Evaluation Commission of the Valencian Agency of Evaluation and Prospective (AVAP) of the Generalitat de Valencia

Ms. Ibars Almonacil, Ana

- ♦ Biologist at the Cavanilles Institute of Biodiversity and Evolutionary Biology
- ♦ Teacher in the area of Botany and Geology at the University of Valencia
- ♦ Co-author of the book Ferns of the Valencian Community
- ♦ Member of: Cavanilles Institute of Biodiversity and Evolutionary Biology, CBiBE Research Lab and Scientific Committee of the SEFIT Conference: Phytotherapy in metabolic syndrome

Ms. d'Ivernois Rodríguez, Araceli

- ♦ Technical Director of the Medicines Information Center ICOFCS
- ♦ Technical Director of the Illustrious Official College of Pharmacists of Castellón
- ♦ Teacher in several courses and informative workshops related to the pharmaceutical area
- ♦ Degree in Pharmacy
- ♦ Specialist in Clinical Analysis

Dr. Balaguer Fernández, Cristina

- ♦ Pharmacist specialized in transdermal administration therapies
- ♦ Vice-Dean of the Faculty of Pharmacy at Cardenal Herrera University
- ♦ Assistant Professor in the Department of Pharmacy at the Faculty of Health Sciences of the CEU Cardenal Herrera University
- ♦ Coordinator of different Master's Degree at CEU University
- ♦ PhD in Pharmacy from CEU - Cardenal Herrera University
- ♦ Presentations and communications in national and international congresses

Ms. Buendía Sánchez, Esmeralda

- ♦ Technical Pharmaceutical Director Arkopharma Laboratories
- ♦ Director of the Scientific Department, Arkopharma, S.A.
- ♦ Author of Hypericum in the treatment of depression and co-author of several publications
- ♦ Specialist in Pharmacy

Dr. González Rosende, Eugenia

- ♦ Pharmacist and Researcher specialized in the Therapeutic Area
- ♦ Professor of the Department of Pharmacy at the Faculty of Health Sciences of the CEU Cardenal Herrera University
- ♦ Lead Researcher of the group on the Search for New Compounds with Therapeutic Activity at CEU Cardenal Herrera University
- ♦ Investigator of the SEPLAN group of the CEU Cardenal Herrera University
- ♦ Doctor of Pharmacy
- ♦ Author of several specialized books on organic chemistry for the clinical profession

Dr. Les Parellada, Francisco

- ♦ Researcher in the pharmaceutical area
- ♦ Research teaching staff of the San Jorge University
- ♦ Member of the research group Principios Vegetales Bioactivos (PVBA)
- ♦ Doctor of Pharmacy
- ♦ Author of several research articles as well as teaching material related to Phytotherapy in inflammatory intestinal diseases

Dr. Calatayud Pascual, Araceli

- ♦ Director of the Department of Pharmacy, Faculty of Health Sciences, CEU Cardenal Herrera University
- ♦ Assistant pharmacist in pharmacy office
- ♦ Coordinator of the Medicine Degree
- ♦ Coordinator of the External Internships of Medicine
- ♦ Coordinator of the second cycle of the Degree in Medicine
- ♦ Assistant Professor of the University Department of Pharmacy in the Faculty of Health Sciences of the CEU Cardenal Herrera University
- ♦ Professor responsible for the subject of Pharmacology in the Degree of Medicine at the CEU Cardenal Herrera University
- ♦ Participation in 41 papers and/or oral communications in national and international congresses
- ♦ Researcher in 8 research projects financed by public and private institutions
- ♦ Author of several scientific publications
- ♦ Doctor of Pharmacy Cardenal Herrera University CEU
- ♦ Degree in Pharmacy Cardenal Herrera University CEU
- ♦ Master's Degree in Community Pharmaceutical Care University of Valencia
- ♦ Diploma in Pharmaceutical Performance in Primary Care University of Valencia
- ♦ Pharmacist Specialist in Orthopedics University of Valencia

Dr. García-Fontestad, Gema Alejandra

- ♦ Independent Pharmacist and Expert in Chemical Morphophysiology and its impact on health
- ♦ Pharmacist in pharmacy office
- ♦ Writer at Farma13
- ♦ PhD in Pharmacy from CEU Cardenal Herrera University
- ♦ Author of dozens of research articles related to the pharmacological field

Dr. Reigada Ocaña, Inés

- ♦ Specialist in Pharmaceutics and Advanced Pharmacotherapy
- ♦ Researcher at the University of Helsinki, Finland
- ♦ Laboratory Coordinator University of Helsinki, Finland
- ♦ Visiting Researcher Center for Biofilm Engineering, USA
- ♦ Visiting Researcher Amsterdam UMC, The Netherlands
- ♦ Research Assistant San Jorge University, Spain
- ♦ Visiting Researcher Durham University, United Kingdom
- ♦ Co-author of several publications
- ♦ It is part of the CHLAM-ASYLUNG research project: Tracking the untrackable: polypharmacology and biomarkers for persistent Chlamydia pneumoniae infections
- ♦ PhD in Pharmacy (Cum Laude), University of Helsinki, Finland
- ♦ Degree in Pharmacy University of San Jorge, Spain

Dr. Güemes Heras, Jaime

- ♦ Director of the Botanical Garden of Valencia
- ♦ Biologist and Botany Expert
- ♦ Curator of the Botanical Garden, Cavanilles Institute of Biodiversity and Evolutionary Biology in Valencia
- ♦ President of the Ibero-Macaronesian Association of Botanic Gardens
- ♦ President of the Spanish Society of Plant Conservation Biology
- ♦ PhD in Biology
- ♦ Author of more than a dozen books and chapters related to biology and botany
- ♦ Scientist names 31 new species to science in International Plant Names Index

Dr. Carretero Accame, María Emilia

- ♦ Lead researcher of a project in Biology funded by the Ministry of Science and Technology of the Government of Spain
- ♦ Professor of the Department of Pharmacology of the Faculty of Pharmacy at the Complutense University of Madrid
- ♦ Postgraduate Professor of Pharmacy
- ♦ Co-director of the International Master's Degree for Experts in Phytotherapy at the Complutense University of Madrid
- ♦ Doctor of Pharmacy
- ♦ Speaker at various scientific meetings
- ♦ Founding member of SEFIT

Dr. Guerrero Masiá, María Dolores

- ♦ Specialist in Pharmacy, Dietetics and Anatomic Pathology
- ♦ Health Teaching Specialist in Pharmacy, Dietetics and Anatomic Pathology
- ♦ Residency in the Department of Medicine at Bellevue Hospital, New York, USA
- ♦ PhD in Pharmacy and Psychology (PhD)
- ♦ Degree in Pharmacy and Psychology
- ♦ Coordination and Orientation at the Telephone of Hope in Valencia

Dr. Ortega Hernández-Agero, María Teresa

- ♦ Pharmacology, Pharmacognosy and Botany Specialist
- ♦ Investigator
- ♦ Vice-President of the Center for Phytotherapy Research (Infito)
- ♦ Author of 79 scientific publications
- ♦ Author of the book *Applications of new technologies to the practical teaching of pharmacology*
- ♦ Director of doctoral theses
- ♦ Speaker and collaborator in different congresses and scientific events such as the one on Phytotherapy for Respiratory Diseases
- ♦ Professor of the Department of Pharmacology at the Faculty of Pharmacy of the Complutense University of Madrid
- ♦ Doctorate in Pharmacy from the Complutense University of Madrid
- ♦ Member of: Research Groups of Pharmacology of Natural Products, Pharmaceutical Society of the Latin Mediterranean, Spanish Society of Pharmacognosy, Spanish Society of Phytotherapy (SEFIT), Scientific Committee of the Spanish Agency of Food Safety and Nutrition (AESAN)

Dr. Bejarano, María

- ♦ Specialist in Histology and Pharmacy
- ♦ Associate Pharmacist in Pharmacy Office at LKN Strategies Inc.
- ♦ Trainer and promoter at LKN life
- ♦ EFG promoter trainer at Markefarm SL
- ♦ Pharmacist in pharmacy office
- ♦ Doctor of Pharmacy CEU Cardenal Herrera University
- ♦ Degree in Histology Botanical Garden of the University of Valencia
- ♦ Degree in Pharmacy University of Valencia

Dr. Muñoz-Mingarro, Dolores

- ♦ Full Professor of the Department of Chemistry and Biochemistry, Faculty of Pharmacy, CEU San Pablo University
- ♦ Investigator
- ♦ Author of more than 30 scientific articles
- ♦ Prize for the best initiative awarded by Correo Farmacéutico for the book *Phytotherapy Manual*
- ♦ D. in Biological Sciences from the Complutense University of Madrid
- ♦ Degree in Biological Sciences from the Complutense University of Madrid
- ♦ Graduate in Pharmacy from the Complutense University of Madrid
- ♦ Member of: Spanish Society of Chromatography and Related Techniques SECYTA, Iberoamerican Network of Natural Products for Medicinal Use, Research Groups in Ripronamed

Dr. Acero de Mesa, Nuria

- ♦ Pharmacist expert in Biotechnology
- ♦ Former Professor of Vegetable Physiology
- ♦ Full Professor, Department of Pharmaceutical and Health Sciences, Faculty of Pharmacy, CEU San Pablo University
- ♦ Principal investigator of the group Productos Naturales
- ♦ Doctor of Pharmacy
- ♦ Co-author of several scientific publications in specialized media
- ♦ Member of: Team of the toxicology line of the Observatory of Drug Addictions of the Valencian Community, National Service of Certification of Plants and Fungi, Technical Commission of monitoring

Dr. Palomino Ruiz-Poveda, Olga

- ♦ Expert in Pharmacology and Pharmacognosy and Botany and scientific researcher
- ♦ Professor of the Department of Pharmacology in the Faculty of Pharmacy of the Complutense University of Madrid
- ♦ Records Technician at Arkoprarma
- ♦ Doctor of Pharmacy
- ♦ Member of the Committee on Herbal Medicinal Products (HMPC) of the European Medicines Agency

Dr. Soriano Guarinos, Pilar

- ♦ Researcher at the Germplasm Bank of the Botanical Garden of the University of Valencia
- ♦ Professor of the Department of Botany at the Faculty of Pharmacy of the University of Valencia
- ♦ Researcher at the Cavanilles Institute of Biodiversity and Evolutionary Biology
- ♦ Doctor of Pharmacy
- ♦ Author of dozens of scientific articles related to Botany

Ms. Izquierdo Palomares, Rosa

- ♦ Private Pharmacy Manager in Customer Service and the Elaboration of Magistral Formulas
- ♦ Head of Industrial Hygiene and Ergonomics at Unión de Mutuas
- ♦ Prevention Technician Specialist in Industrial Hygiene in Unión de Mutuas
- ♦ Degree in Community Pharmacy from the University of Valencia
- ♦ Master in Industrial Hygiene and Occupational Health

Dr. Máñez Aliño, Salvador

- ♦ Research Specialist in Pharmacy
- ♦ Doctor of Pharmacy
- ♦ Researcher at the Faculty of Medicine of the University of Valencia
- ♦ Professor of Pharmacology at the Department of Pharmacology, Faculty of Pharmacy, University of Valencia
- ♦ Professor of Pharmacology at the Department of Pharmacology, Faculty of Pharmacy, University of Valencia



Dr. López Ramos, Víctor

- ◆ Principal Investigator of the Phyto-Pharm Group
- ◆ Collaborating Researcher of the Instituto Agroalimentario de Aragón (IA2)
- ◆ Accredited as Full Professor, Professor of Private University, Hired Professor and Assistant Professor
- ◆ Member of the Board of Directors of the Spanish Society of Phytotherapy (SEFIT)
- ◆ Reviewer and Editor of indexed international scientific publications
- ◆ Director of the Doctoral Program in Health Sciences
- ◆ Vice-Dean of Internationalization of the Faculty of Health Sciences
- ◆ Director of doctoral theses
- ◆ Organizing committee of the 8th SEFIT Phytotherapy Congress and the 14th annual CTPIOD Meeting (Conferences on Trans Pyrenean Investigations in Obesity and Diabetes)
- ◆ Author of more than 65 articles in international indexed journals and several book chapters
- ◆ Member of the Spanish Society of Pharmacology and of the Academy of Pharmacy Kingdom of Aragon
- ◆ PhD in Biopharmacology, Pharmacology and Drug Quality from the University of Navarra
- ◆ Degree in Pharmacy from the University of Navarra
- ◆ Graduate in Human Nutrition and Dietetics, CEU San Pablo University

04

Structure and Content

This Postgraduate Diploma has been designed by an excellent team of professionals specialized in Pharmacy and Biology. Their extensive knowledge in this field is reflected in a syllabus that will lead students to make a complete update on Phytotherapy and the most relevant advances in the approach to Endocrine, Metabolic and Digestive Disorders through this science. For this purpose, it also has an extensive virtual library that they can access 24 hours a day, from any digital device with an Internet connection.





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A study plan that will allow you to update your clinical knowledge about Phytotherapy and its use in patients with Endocrine Disorders”

Module 1. Phytotherapy and Herbal Medicines

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

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. Standards for the Proper Manufacture of Herbal Medicines





Module 3. Phytotherapy of Endocrine, Metabolic and Digestive System Disorders

- 3.1. Phytotherapy in the Treatment of Obesity and Overweight I
- 3.2. Phytotherapy in the Treatment of Obesity and Overweight II
- 3.3. Medicinal Plants that Stimulate Appetite
- 3.4. Phytotherapy and Diabetes
- 3.5. Phytotherapy in the Treatment of Dyspepsia
- 3.6. Phytotherapy for the Treatment of Flatulence Carminative Medicinal Plants
- 3.7. Phytotherapy for the Treatment of Gastritis and Ulcers
- 3.8. Phytotherapy for Hepatic Affections and Biliary Dysfunctions
- 3.9. Phytotherapy for the Treatment of Diarrhea
- 3.10. Phytotherapy for the Treatment of Constipation
- 3.11. Phytotherapy in the Treatment of Vomiting
- 3.12. Phytotherapy in Patients with Inflammatory Bowel Disease

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This Postgraduate Diploma will provide you with an in-depth knowledge of the most recent procedures used in the master formulation of Phytotherapy”

05

Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



“

TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

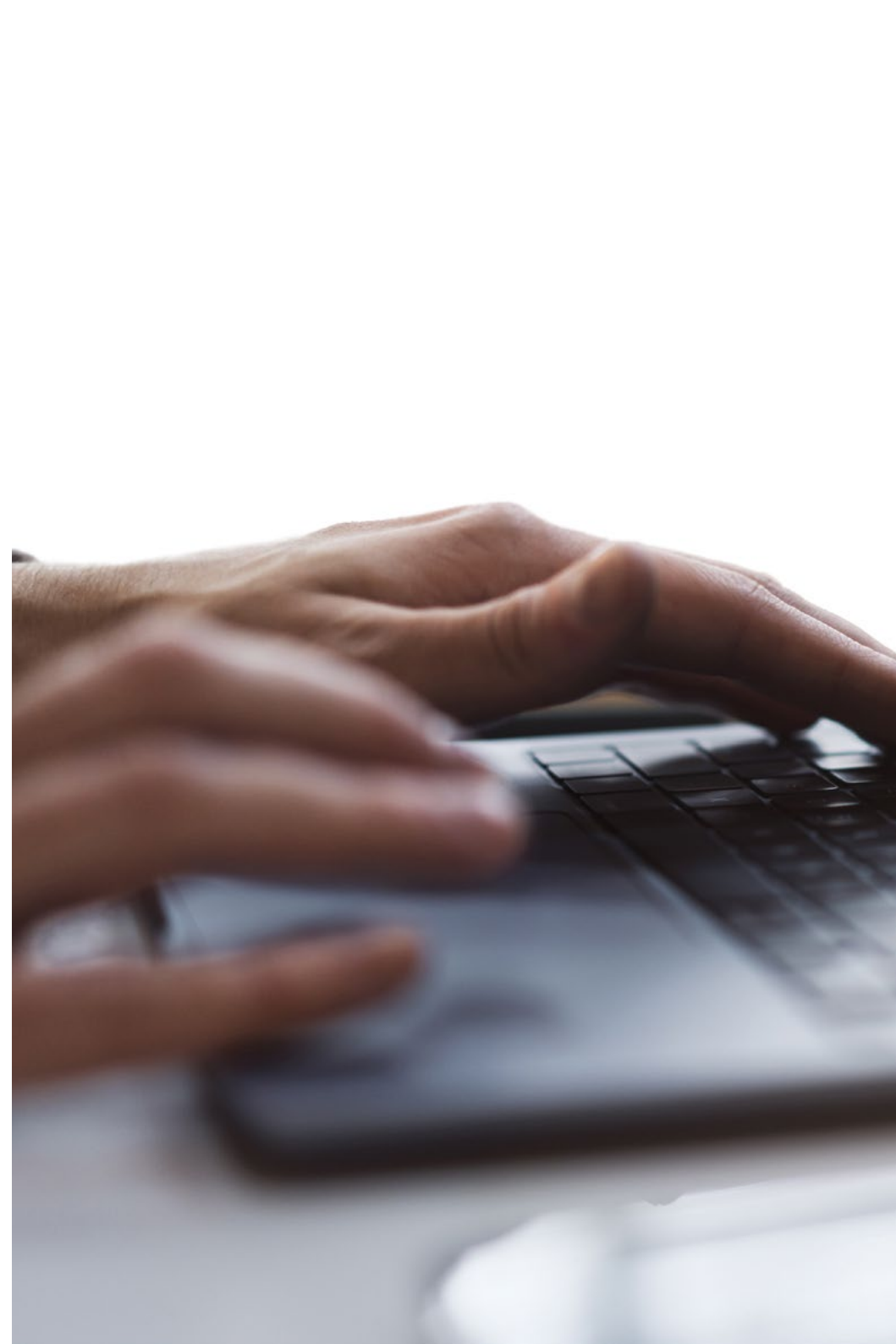
The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist. The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

“

*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“*TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want*”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule”

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

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
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. 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.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the quality of teaching, quality of materials, course structure and objectives is excellent. Not surprisingly, the institution became the best rated university by its students on the Trustpilot review platform, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

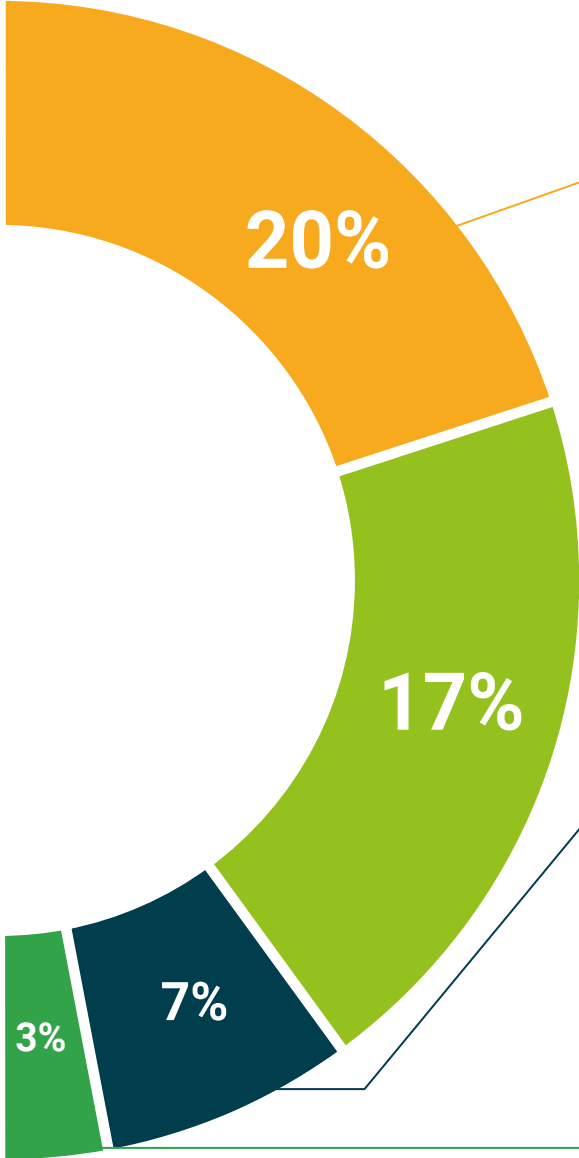
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





Case Studies

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.



Testing & Retesting

We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.



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 for 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 Phytotherapy for Endocrine, Metabolic and Digestive System Disorders guarantees students, in addition to the most rigorous and up to date education, access to a Postgraduate Diploma issued by TECH Global University.



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

This private qualification will allow you to obtain a **Postgraduate Diploma in Phytotherapy of Endocrine, Metabolic and Digestive System Disorders** endorsed by **TECH Global University**, the largest digital university in the world.

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: **Postgraduate Diploma in Phytotherapy for Endocrine, Metabolic and Digestive System Disorders**

Modality: **online**

Duration: **6 months**

Accreditation: **19 ECTS**



*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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Phytotherapy for Endocrine,
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Postgraduate Diploma

Phytotherapy for Endocrine,
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