

Postgraduate Diploma

Dissemination and Transfer
of Research Results



Postgraduate Diploma Dissemination and Transfer of Research Results

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Credits: 18 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/nutrition/postgraduate-diploma/postgraduate-diploma-dissemination-transfer-research-results

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01

Introduction

One of the most important parts after the arduous research work is to adequately disseminate the results obtained. There are countless methods for this, ranging from traditional reports, memoirs or scientific articles to symposia and congresses. Nutritionists could even adapt their findings to new forms of communication such as Tik Tok or Twitter. The issue of safety and security is also a point of concern for many researchers, so TECH has decided to create this academic program, where all the most important developments in Dissemination and Transfer of Results are compiled. A unique opportunity for the nutritionists who wishes to deepen in this subject in a comfortable and accessible way, since there are neither presential classes nor pre-fixed schedules.





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Deepen in the publication of scientific articles where you can express your research in nutrition, reviewing the general structure of the paper, cover letter and rebuttal letter”

The publication and dissemination of scientific results is of utmost importance in any field, especially in the field of nutrition, where social differences and eating habits can change drastically depending on the region or population analyzed. Thanks to the Internet, research can now be shared on platforms ranging from scientific portals to the most prolific social networks.

It is essential, therefore, that the nutritionist masters the tools of dissemination and transfer of results in order not to ruin all his or her efforts in the last stage of the effort. With a concise update on congresses, symposia, papers, patents and protection of results, the specialist will be able to bring his research to the right audience, with the maximum efficiency and dissemination possible.

This TECH Postgraduate Diploma focuses precisely on these aspects, analyzing the different forms of protection of results as well as the ways to disseminate scientific research, including topics dedicated to dissemination to the general public. In this way, you will be able to incorporate into your work methodology the most recent techniques and means of scientific dissemination, supported by numerous case studies and real examples reviewed throughout the syllabus.

As it has a completely online format, the content is accessible 24 hours a day. This means that only a device with an Internet connection is needed to take on the teaching load, which can be distributed according to the student's own convenience. In addition, all topics can be downloaded to the smartphone, tablet or computer of choice, and can be preserved for later review.

This **Postgraduate Diploma in Dissemination and Transfer of Research Results** contains the most complete and up-to-date scientific program on the market. The most important features include:

- Case studies presented by experts in Health Sciences Research
- The graphic, schematic, and practical contents with which they are created, provide medical 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



Learn about the methodology to turn a scientific paper into popularization material, knowing specific techniques for Tik Tok, Youtube, Twitter and podcasting”

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Get support from content backed by expert researchers widely versed in team management, with extensive experience in publishing all types of scientific studies”

After completing the Postgraduate Diploma, you will have a comprehensive and useful reference guide for all your future publications in nutritional research.

Bring more depth and conciseness to your scientific writing by mastering the transfer of data to different formats and audiences.

The program's teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will provide the professionals with situated and contextual learning, i.e., a simulated environment that will provide an immersive education programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professionals must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the students will be assisted by an innovative interactive video system created by renowned experts.



02 Objectives

A good Dissemination and Transfer of Results is critical for the success and impact of scientific research, especially in nutrition where advances are continuous and it is essential to know how to distinguish and focus the publication. For this reason, all the objectives of this program are adapted to enable the nutritionist to achieve this goal of improving both his methodology when publishing results and his ability to write them in a precise way, appropriate to the target audience.





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You will more than meet all your professional objectives in terms of Dissemination and Transfer of Scientific Results, supported by a syllabus that explores the most important issues in this regard”



General Objectives

- ♦ Be able to adequately formulate a question or problem to be solved
- ♦ Asses the state of the art of the problem through literature search
- ♦ Assess the feasibility of the potential project
- ♦ Draft of projects in accordance with the different proposal calls
- ♦ Search for funding
- ♦ Master the necessary data analysis tools
- ♦ Write scientific articles (papers) according to target journals
- ♦ Generate posters
- ♦ Use dissemination tools to the non-specialized public
- ♦ Data Protection
- ♦ Transfer knowledge generated to industry or the clinic
- ♦ Use of artificial intelligence and massive data analysis
- ♦ Interact with examples of successful projects



As you progress through this Postgraduate Diploma, you will incorporate the most useful techniques for dissemination and conversion of results into your daily practice, noticing improvement even before you finish"





Specific Objectives

Module 1. Dissemination of Results I: Reports, memoirs and scientific articles

- ◆ Learn the various ways of disseminating results
- ◆ Internalize how to write reports
- ◆ Manage scientific reports and articles
- ◆ Learn how to write for a specialized journal

Module 2. Dissemination of Results II: Symposia, congresses, dissemination to society

- ◆ Learn how to generate a poster at a congress
- ◆ Learn how to prepare different communications of different times
- ◆ Learn to disseminate data obtained to non-specialized audiences
- ◆ Learning how to turn a scientific paper into dissemination material

Module 3. Protection and Transfer of Results

- ◆ Introduction to the world of results protection
- ◆ Learn to value the results of a research project
- ◆ Know in depth about patents and similar
- ◆ You will learn in depth about the possibilities of creating companies



03

Course Management

To ensure the highest quality of all the contents presented, TECH has resorted to a teaching staff with extensive experience not only in the field of research and dissemination of results, but also in the management of laboratory work teams. This gives a necessary practical perspective to the entire syllabus, as it is based on the teachers' own work in research fields of all kinds.



ta Analysis Report

Services Window **Graphics** Results



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You will be able to maintain a direct line of communication with the teaching staff, being able to resolve your doubts and concerns regarding the different topics covered in this Postgraduate Diploma”

Management



Dr. López-Collazo, Eduardo

- ♦ Scientific Deputy Director in the Institute for Health Research the Health Research Institute of La Paz University Hospital
- ♦ Head of the Department of Immune Response and Infectious Diseases at IdiPAZ
- ♦ Head of the Department of Immune Response, Tumors and Immunology at IdiPAZ
- ♦ President of the IdiPAZ Research Commission
- ♦ Sponsor of the External Scientific Committee of the Murcian Institute of Health Research
- ♦ Member of the Scientific Commission of FIDE
- ♦ Editor of the international scientific journal "Mediators of Inflammation"
- ♦ Editor of the international scientific journal "Frontiers of Immunology"
- ♦ Coordinator of IdiPAZ Platforms
- ♦ Coordinator of Health Research Funds in the areas of Cancer, Infectious Diseases and HIV
- ♦ PhD in Nuclear Physics, University of La Habana
- ♦ Doctorate in Pharmacy from the Complutense University of Madrid



Professors

Dr. Avendaño Ortiz, José

- ♦ Sara Borrell Researcher Foundation for Biomedical Research of the Ramón y Cajal University Hospital (FIBioHRC/IRyCIS)
- ♦ Researcher Foundation for Biomedical Research of La Paz University Hospital (FIBHULP/ IdiPAZ)
- ♦ Researcher HM Hospitals Foundation (FiHM)
- ♦ Graduate in Biomedical Sciences from the University of Lleida
- ♦ Master's Degree in pharmacological research from the Autonomous University of Madrid
- ♦ PhD in Pharmacology and Physiology from the Autonomous University of Madrid

Dr. del Fresno, Carlos

- ♦ Researcher Specialist in Biochemistry, Molecular Biology and Biomedicine
- ♦ "Michael Servet" Researcher. Group Leader, Research Institute of the Hospital la Paz (IdiPAZ)
- ♦ Researcher Spanish Association Against Cancer (AECC), National Center for Cardiovascular Research (CNIC - ISCIII)
- ♦ Researcher, National Center for Cardiovascular Research (CNIC - ISCIII)
- ♦ Sara Borrel Researcher, National Biotechnology Center
- ♦ PhD in Biochemistry, Molecular Biology and Biomedicine, Autonomous University of Madrid
- ♦ Degree in Biology from the Complutense University of Madrid

04

Structure and Content

In order to guarantee maximum efficiency when studying and assuming all the teaching load implicit in this program, TECH has placed special emphasis on the *Relearning* methodology for the creation of all the contents. This means that the key concepts around Diffusion and Transfer of Results are given in a natural and progressive way to the nutritionist, resulting in a much more effective learning, as no excessive hours of study must be invested to overcome the entire syllabus.



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The multimedia library to which you will gain access will have numerous detailed videos, summaries, interactive exercises and complementary readings to expand your knowledge”

Module 1. Dissemination of Results I: Reports, memoirs and scientific articles

- 1.1. Generating a Scientific Report or Memory of a Project
 - 1.1.1. Optimal Approach to the Discussion
 - 1.1.2. Presentation of the Limitations
- 1.2. Generation of a Scientific Article: How to Write a Paper on the Basis of the Data Obtained?
 - 1.2.1. General Structure
 - 1.2.2. Where Does the Paper Go?
- 1.3. Where to Start?
 - 1.3.1. Adequate Representation of the Results
- 1.4. The Introduction: The Mistake of Starting with this Section
- 1.5. The Discussion: The Cusp Moment
- 1.6. The Description of Materials and Methods: The Guaranteed Reproducibility
- 1.7. Choice of the Journal where the Paper is to be submitted
 - 1.7.1. Choice Strategy
 - 1.7.2. Priority List
- 1.8. Adaptation of the Manuscript to the Different Formats
- 1.9. The "Cover Letter": Concise Presentation of the Study to the Editor
- 1.10. How to Respond to Reviewers' Doubts? The Rebuttal Letter

Module 2. Dissemination of Results II: Symposia, congresses, dissemination to society

- 2.1. Presentation of Results at Congresses and Symposia
 - 2.1.1. How is a Poster Generated?
 - 2.1.2. Data Representation
 - 2.1.3. Focusing the Message
- 2.2. Short Communications
 - 2.2.1. Data Representation for Short Communications
 - 2.2.2. Focusing the Message
- 2.3. The Plenary Lecture: Notes on How to Keep the Attention of the Specialized Audience for More than 20 Minutes
- 2.4. Dissemination to the General Public
 - 2.4.1. Need Vs. Opportunity
 - 2.4.2. Use of References
- 2.5. Use of Social Networks for the Dissemination of Results
- 2.6. How to Adapt Scientific Data to the Popular Language?
- 2.7. Hints for Summarizing a Scientific Paper in a Few Characters
 - 2.7.1. Instant Dissemination via Twitter
- 2.8. How to turn a Scientific Paper into a Popularization Material
 - 2.8.1. Podcast
 - 2.8.2. YouTube Videos
 - 2.8.3. Tik Tok
 - 2.8.4. Comic Book
- 2.9. Popular Literature
 - 2.9.1. Columns
 - 2.9.2. Books



Module 3. Protection and Transfer of Results

- 3.1. Protection of Results: General Aspects
- 3.2. Valorization of the Results of a Research Project
- 3.3. Patents: Pros and Cons
- 3.4. Other Forms of Protection of Results
- 3.5. Transfer of Results to Clinical Practice
- 3.6. Transfer of Results to Industry
- 3.7. The Technology Transfer Contract
- 3.8. Trade Secrets
- 3.9. Generation of Spin-Off Companies from a Research Project
- 3.10. Search for Investment Opportunities in Spin-Off Companies

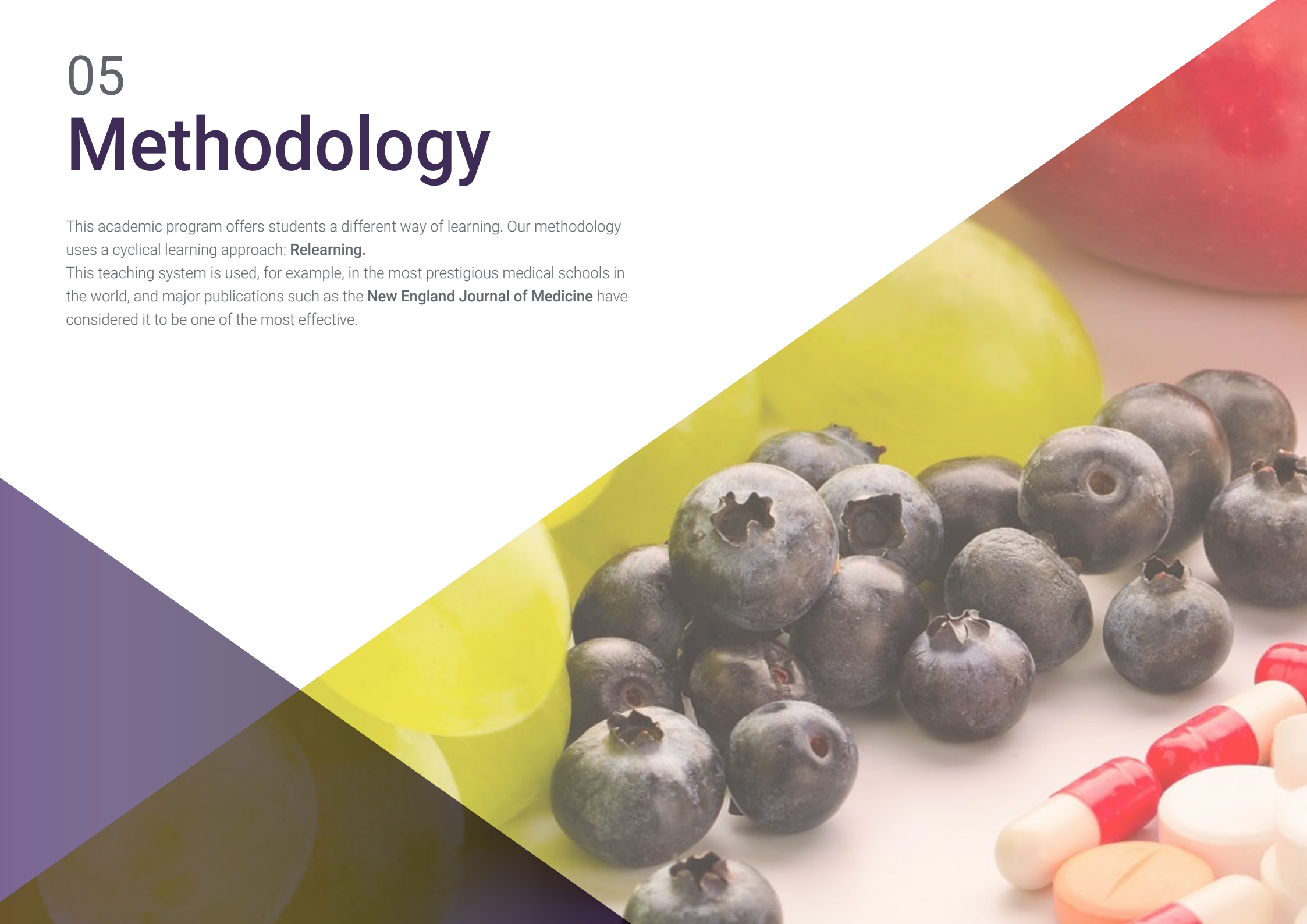
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You will be able to dig into the reality of each topic thanks to the multiple simulated cases, case studies and real examples provided in all modules”

05 Methodology

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

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





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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

At TECH we use the Case Method

In a given situation, what should a professional do? 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. Specialists learn better, faster, and more sustainably over time.

With TECH, nutritionists can 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 nutritional practice.

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Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”

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

1. Nutritionists who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity through exercises to evaluate real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the nutritionist to better integrate knowledge into clinical practice.
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 nutritionist 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, more than 45,000 nutritionists have been trained with unprecedented success in all clinical specialties regardless of the surgical load. All this in a highly demanding environment, where the students have a strong 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.



Nutrition Techniques and Procedures on Video

TECH brings students closer to the latest techniques, the latest educational advances and to the forefront of current nutritional counselling 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 the videos as many times as you like.



Interactive Summaries

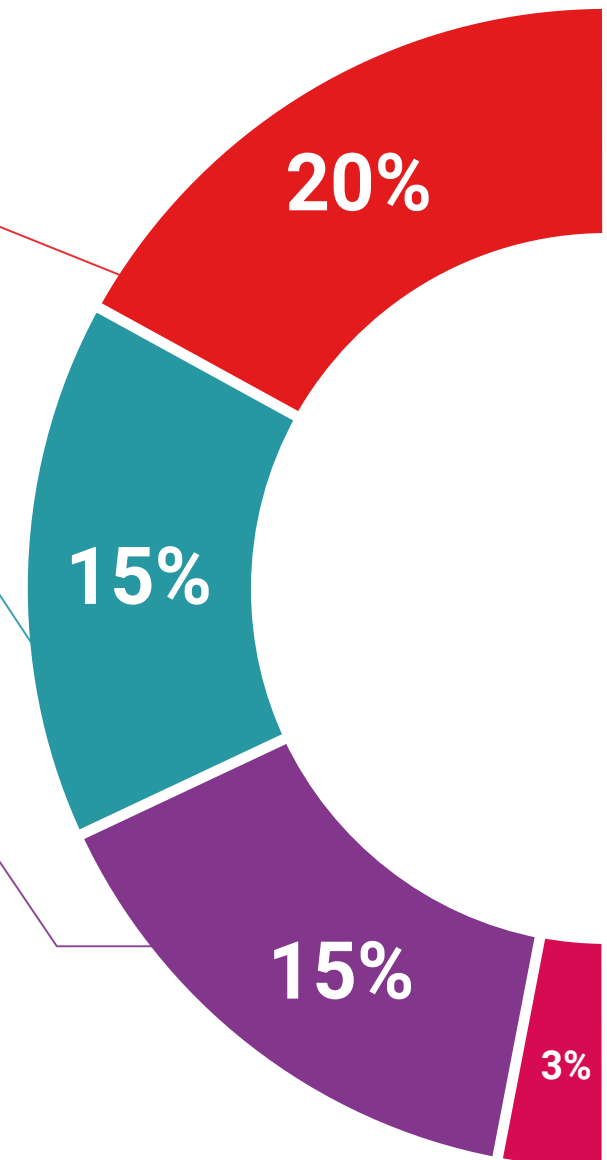
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

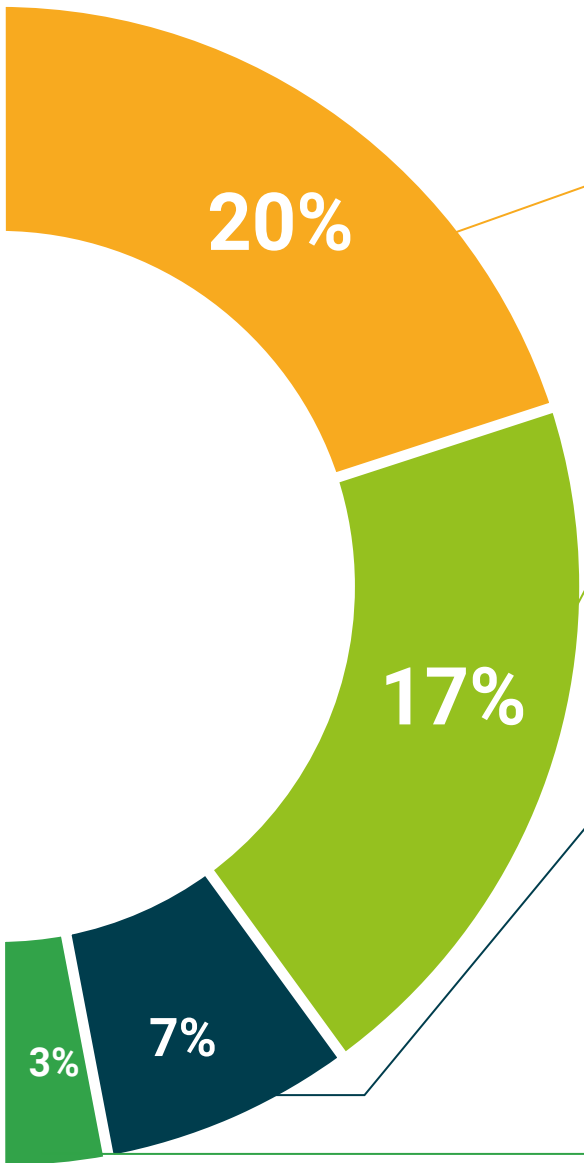
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 Diploma in Dissemination and Transfer of Research Results 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 program will allow you to obtain your **Postgraduate Diploma in Dissemination and Transfer of Research Results** 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 Diploma in Dissemination and Transfer of Research Results**

Modality: **online**

Duration: **6 months**

Accreditation: **18 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.

future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

personalized service innovation

knowledge present

development language

virtual classroom



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