

Postgraduate Certificate

Pediatric Nutrition





Postgraduate Certificate Pediatric Nutrition

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Credits: 8 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/medicine/postgraduate-certificate/childhood-nutrition-medicine

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01

Introduction

Specialize in Childhood Nutrition with this high-level program carefully designed by professionals with extensive experience in the sector. A unique opportunity to specialise in a high-demand professional field.



A close-up photograph of a baby's face, focusing on the eyes, nose, and mouth. The baby is holding a clear, spiral-shaped pacifier in its mouth. The image is partially obscured by a diagonal split background of dark blue and white.

“

Improve your knowledge through this program, where you will find the best educational material with real clinical cases. Learn here about the latest advances in the specialty to be able to perform a quality medical practice"

This program offers the student the possibility of deepening and updating knowledge, using the latest educational technology. It offers a global vision of Childhood Nutrition while focusing on the most important and innovative aspects of pediatric nutrition and dietetics.

This program provides specialization in the field of child nutrition in pediatrics in areas of particular interest such as:

- Home Childhood Nutrition
- Nutritional supplements
- Probiotics and prebiotics in infant feeding

This Postgraduate Certificate is methodologically designed for distance learning in order to guarantee optimal supervision.

With this qualification you will have the opportunity to study a program that brings together the most advanced and in-depth knowledge in the field, where a group of highly regarded professors with extensive international experience provides you with the most complete and up-to-date incapsulation on the latest advances and techniques in Childhood Nutrition.

This **Postgraduate Certificate in Pediatric Nutrition** contains the most complete and up-to-date scientific program on the market. The most important features of the include:

- Clinical cases presented by experts in nutrition. The graphic, schematic, and practical contents with which they are created, provide provide scientific and healthcare training on those medical disciplines that are essential to professional practice
- Diagnostic and therapeutic novelties in Pediatric Nutrition
- An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- Special emphasis on test-based medicine and research methodologies in Clinical Nutrition
- All of this will be complemented by 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



Update your knowledge through the Postgraduate Certificate in Pediatric Nutrition, in a practical way and adapted to your needs"

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This Postgraduate Certificate may be the best investment you can make when selecting a refresher program, for two reasons: in addition to updating your knowledge in Pediatric Nutrition, you will obtain a qualification from TECH”

Forming part of the teaching staff is a group of professionals in the world of clinical nutrition, who bring to this course their work experience, as well as a group of renowned specialists, recognised by esteemed scientific communities.

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 an immersive training program to train in real situations.

This program is designed around Problem-Based Learning, through which the pediatrician must try to solve the different professional practice situations that arise during the course of the Postgraduate Certificate. For this reason, you will be assisted by an innovative, interactive video system created by renowned and experienced experts in the field of radiology with extensive teaching experience.

This Postgraduate Certificate allows learning in simulated environments, which provide immersive learning programmed to train for real situations.

It includes clinical cases to bring the program as close as possible to the reality of care in medicine.



02 Objectives

The program's primary objective is focused on theoretical and practical learning, so that the nutritionist is able to master Nutrition and Pathologies in Childhood in both a practical and rigorous manner.



A photograph of a person wearing a light blue short-sleeved shirt, being measured with a red tape measure around their waist. The image is partially obscured by a large blue and white geometric overlay on the right side of the page.

“

This refresher program will generate a sense of confidence when practising medicine, which will help you grow both personally and professionally”



General Objectives

- ♦ Update pediatric professionals on the latest trends in human nutrition, both in health and in pathological conditions, through evidence-based medicine
- ♦ Promote work strategies based on the practical knowledge of the new trends in nutrition and its application to child pathologies, where nutrition plays a fundamental role in treatment
- ♦ Encourage the acquisition of technical skills and abilities, through a powerful audiovisual system, and the possibility of development through online simulation workshops and/or specific specialization
- ♦ Encourage professional stimulation through continuing education and research
- ♦ Train the professional for research into patients with nutritional problems



Take advantage of the opportunity and take the step to get up-to-date on the latest developments in Pediatric Nutrition"





Specific Objectives

- ♦ Apply Food Science and Nutrition to the practice of pediatric dietetics
- ♦ Update the various educational methods used in health sciences, as well as communication techniques applicable to human nutrition, with a special focus on pediatric and adolescent populationsReflect on the usefulness of the school cafeteria as an educational vehicle
- ♦ Review the relation between physiology and nutrition in the different stages of infant development
- ♦ Analyze the implications of nutrition in the growth process and in the prevention and treatment of different childhood pathologies
- ♦ Identify the impact of maternal nutrition during pregnancy and lactation on intrauterine growth and the development of the neonate and infant
- ♦ Describe the nutritional requirements in the different periods of childhood
- ♦ Apply the knowledge acquired on nutritional assessment in Pediatrics

03

Course Management

TECH has assembled a teaching team composed of experts in Pediatric Nutrition who have been selected for their expertise in the profession, being experts with years of teaching experience who have come together to help the student give a boost to their career. To this end, they have developed this Postgraduate Certificate with the most recent updates in the field that will lead the student, through an efficient educational journey, to a superior qualification and to the increase of their professional skills.





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*Learn from the best professionals and become
a successful professional yourself”*

International Guest Director

Dr. Sumantra Ray is an internationally recognized specialist in **Nutrition** and his main areas of interest are **Nutrition Education in Health Systems** and **Cardiovascular Disease Prevention**. With his outstanding experience in this health field, he has served as a consultant on special assignment for the **Nutrition Management** of the **World Health Organization** Headquarters in Geneva. He has also worked as **Director of Research** in Food Security, Health and Society in the Faculty of Humanities and Social Sciences at the University of Cambridge.

For his constant commitment to the dissemination of **healthy eating habits**, he has received the **Josephine Lansdell Award** from the British Medical Association. Specifically, this recognition highlighted his contributions related to nutrition and **Cardiovascular Prevention**. Also, as an international expert, he has participated in a work program on **Food, Nutrition and Education** in India, led by the University of Cambridge and funded by the UK Global Challenges Research Fund.

Dr. Sumantra Ray's studies are worldwide references, focusing on **global food security**, as it is a fundamental aspect for the development of societies. In addition, he has demonstrated his leadership skills as a **Senior Clinical Scientist** at the **Medical Research Council**, focusing on **Nutrition** and **Vascular Health** studies. In this position, he directed an experimental medicine facility dedicated to Human **Nutrition** studies.

Throughout his career he has authored more than **200 scientific publications** and has written the **Oxford Handbook of Clinical and Health Research**, aimed at strengthening the basic research skills of health care workers around the world. In this sense, he has shared his scientific findings in numerous presentations and congresses, in which he has participated in different countries.



Dr. Ray, Sumantra

- Executive Director and Founder, NNEdPro Global Nutrition and Health Centre, Cambridge, UK
- Director of Research in Food Security, Health and Society in the Faculty of Humanities and Social Sciences, University of Cambridge
- Co-Founder and President of the BMJ Scientific Journal Nutrition, Prevention and Health
- Presidential Advisor at the School of Advanced Studies on Food and Nutrition, University of Parma
- Vice President of the Conference of Medical Academic Representatives of the BMA
- Consultant on special assignment for the Nutrition Directorate of the World Health Organization Headquarters in Geneva
- Honorary International Dean of the Cordia Colleges in India
- Senior Clinical Scientist with the Medical Research Council
- Bachelor's Degree in Medicine

Management



Ms. Aunió Lavarías, María Eugenia

- Pharmacist and Clinical Nutrition Expert
- "Author of the reference book in the field of Clinical Nutrition "Dietetic Management of Overweight in the Pharmacy Office". (Panamerican Medical Publishing House)
- Pharmacist with extensive experience in the public and private sector
- Pharmacist in Valencia Pharmacy
- Pharmacy Assistant in the British pharmacy and health and beauty retail chain Boots, UK
- Degree in Pharmacy and Food Science and Technology. University of Valencia
- Director of the University Course "Dermocosmetics in the Pharmacy Office"



04

Structure and Content

The structure of the contents has been designed by a team of professionals who recognise the implications of training in the daily practice of pediatricians in the field of nutrition, are aware of the relevance of current training to treat the pediatric patient, and are committed to quality teaching using new educational technologies.



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This Postgraduate Certificate in Pediatric Nutrition contains the most complete and up-to-date scientific program on the market”

Module 1. Physiology of Pediatric Nutrition

- 1.1. Nutritional Requirements at Different Stages of Childhood
- 1.2. Nutritional Assessment in Children
- 1.3. Assessment and Recommendations for Physical Activity
- 1.4. Nutrition During Pregnancy and Its Impact on the Newborn
- 1.5. Current Trends in Nutrition for Preterm Infants
- 1.6. Nutrition for Lactating Women and Its Impact on the Infant
- 1.7. Feeding the Newborn with Intrauterine Growth Retardation. Implications for Metabolic Diseases
- 1.8. Breastfeeding
- 1.9. Human Milk Banks
- 1.10. Concept and Characteristics of Formulas Used for Infant Feeding
- 1.11. Transition to Diversified Feeding. Complementary Feeding During the First Year of Life
- 1.12. Feeding for Children Aged 1. to 3. Years
- 1.13. Feeding During Stable Growth Phase. Nutrition of School-Aged Children
- 1.14. Feeding During Adolescence. Nutritional Risk Factors
- 1.15. Nutrition for Children and Adolescent Athletes
- 1.16. Other Dietary Modalities for Children and Adolescents. Cultural, Social, and Religious Influences on Pediatric Diet
- 1.17. Prevention of Nutrition-Related Diseases from Childhood. Objectives and Guidelines





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*A unique, key, and decisive program to
boost your professional development”*

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

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. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gervas, 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 in the physician's professional 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. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate 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.



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.

Professionals will learn through real cases and by resolving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.



At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. 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 specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to 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.



Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



Interactive Summaries

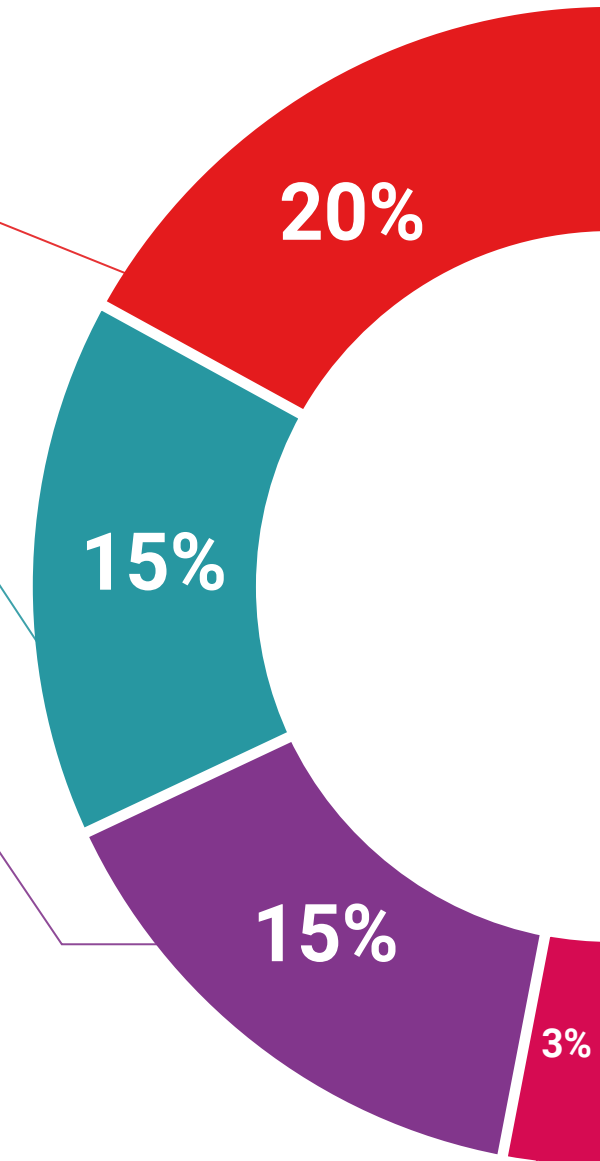
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

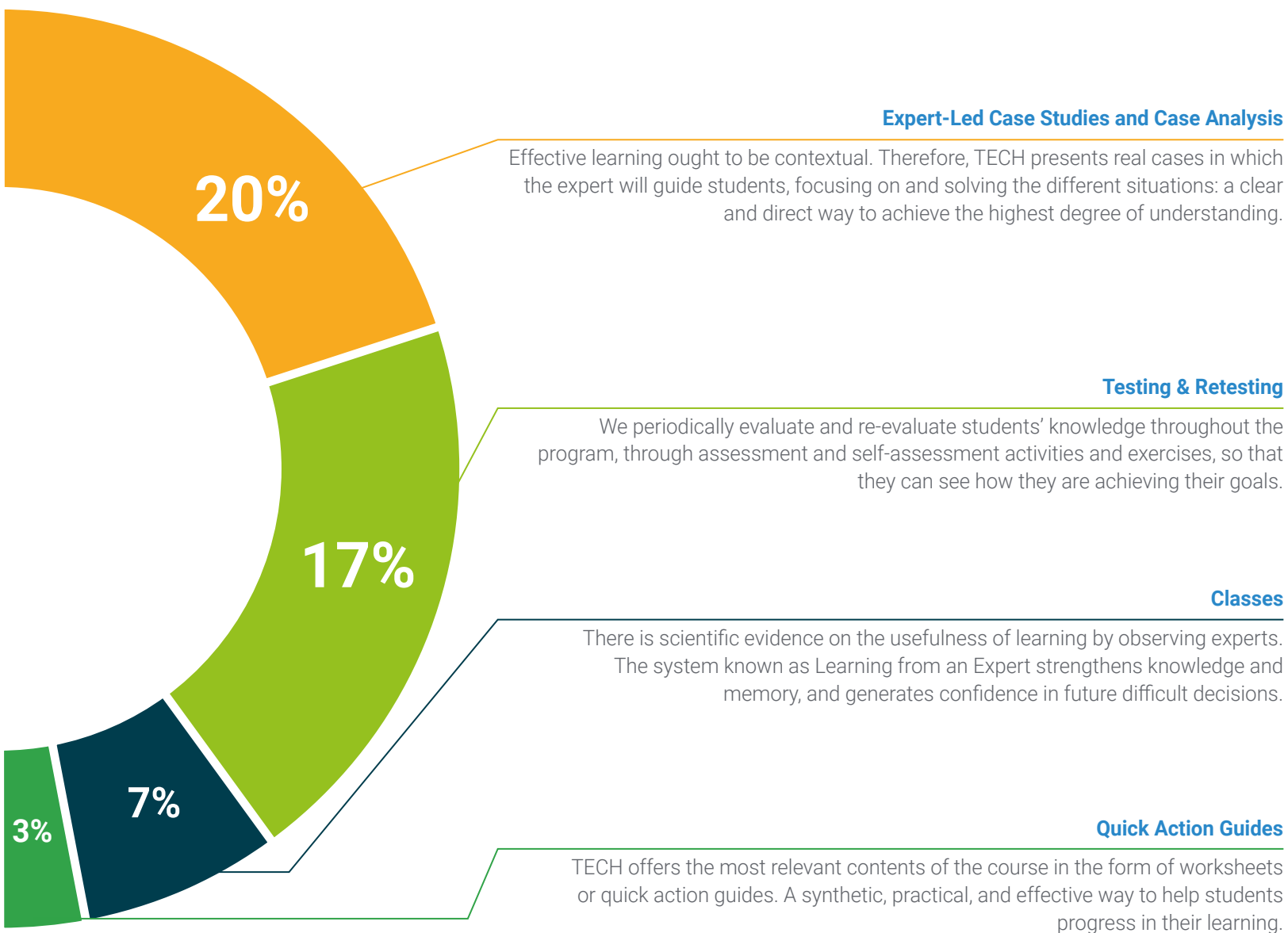
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





06 Certificate

The Postgraduate Certificate in Pediatric Nutrition guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological 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 Certificate in Pediatric Nutrition** 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: **Professional Master's Degree in Pediatric Nutrition**

Modality: **online**

Duration: **6 months**

Accreditation: **8 ECTS**



future
health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present quality
development languages
virtual classroom



Postgraduate Certificate Pediatric Nutrition

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Credits: 8 ECTS
- » Schedule: at your own pace
- » Exams: online

Postgraduate Certificate

Pediatric Nutrition

