

# Hybrid Professional Master's Degree Clinical Nutrition for Nursing





## Hybrid Professional Master's Degree Clinical Nutrition for Nursing

Course Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Technological University

Teaching Hours: 1,620 h.

Website: [www.techtute.com/us/nursing/hybrid-professional-master-degree/hybrid-professional-master-degree-clinical-nutrition-nursing](http://www.techtute.com/us/nursing/hybrid-professional-master-degree/hybrid-professional-master-degree-clinical-nutrition-nursing)

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# 01

# Introduction

This program offered by TECH is oriented to update the nursing professional to incorporate the latest advances in Clinical Nutrition, in order to improve the prognosis of their patients with the most specialized and specific care according to their conditions. A unique opportunity to stand out in a sector with a high demand for professionals, where society is increasingly concerned about having safe food that does not harm their health. In addition, it is a program that combines 100% online theory with 120 hours of practical training in a clinical center of international reference, so that the improvement of their professional skills is carried out in a complete, multidisciplinary and guaranteed way.





*Do not miss this great opportunity and up to date your theoretical and practical knowledge in everything related to Clinical Nutrition thanks to this Hybrid Professional Master's Degree that TECH puts in your hand"*

Nurses must have an ever-increasing knowledge of all food components and their actions on the body. Nutrition is involved in the progression of pathologies, in some cases as an etiological factor and in others as a complication, which is why there is a growing interest in the study of feeding and nutritional support in a large number of pathologies.

In addition to all this, there is the irruption that technological innovation has had in the area of disciplines related to Nutritional Management of Patients care. Technology has brought us closer to a better diagnostic and therapeutic knowledge of patients with serious and urgent pathologies that require specific care through food. This boom in information and knowledge, has led universities to adapt their programs to the new catastrophic and social realities.

The objective of the Hybrid Professional Master's Degree in Clinical Nutrition for Nursing is to cover the updating space demanded by professionals interested in the area, seeking usefulness in routine clinical practice and encouraging high-level research in the aspects covered.

This program offers the student the possibility of expanding and updating knowledge, using the latest educational technology. It provides a global vision of Clinical Nutrition while focusing on the most important and innovative aspects of adult nutrition, with an update on the nutritional therapy of the most prevalent pathologies; as well as pediatric nutrition including from the intrauterine phase to adolescence, and the diseases in which nutrition plays a highly relevant role.

All this through 1,500 hours of the best theoretical and additional content designed by experts in the area, which will be available from the beginning of the course in a state-of-the-art Virtual Campus compatible with any device with internet connection. But, undoubtedly, the strong point of the program lies in the 3 weeks of practical stay that the graduate will be able to access with this Hybrid Professional Master's Degree. For this reason, you will be able to up to date yourself in all aspects, contributing to the progress of your practice through the implementation of the most innovative and effective strategies of Clinical Nutrition in Nursing.

This **Hybrid Professional Master's Degree in Clinical Nutrition for Nursing** contains the most complete and up-to-date scientific program on the market.

The most important features include:

- ◆ Development of more than 100 clinical cases presented by nursing professionals with expertise in Clinical Nutrition and university professors with extensive experience
- ◆ Its graphic, schematic and practical contents provide scientific and assistance information on those medical disciplines that are essential for professional practice
- ◆ Assessment and monitoring of the patient with various pathologies, the latest international recommendations for support maneuvers, the best management techniques according to the clinical requirements of each case, etc.
- ◆ Comprehensive systematized action plans for the main pathologies in the intensive Nutrition Care. in the intensive care unit
- ◆ All 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
- ◆ Furthermore, you will be able to carry out a clinical internship in one of the best hospital centers



*Enjoy an intensive 3-week stay and learn first-hand about the latest techniques used in the approach to the hepatic patient"*

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*The teaching materials of this program, elaborated by these specialists, have contents that are completely applicable to your professional experiences”*

In this proposal for a Master's Degree, of a professionalizing nature and hybrid learning modality, the program is aimed at updating nursing professionals who perform their functions in Nutritional units, and who require a high level of qualification. The content is based on the latest scientific evidence and is organized in a didactic way to integrate theoretical knowledge into nursing practice. The theoretical-practical elements allow professionals to update their knowledge and help them to make the right decisions in patient care.

Thanks to multimedia content developed with the latest educational technology, professionals will Psychology a situated and contextual learning, i.e., a simulated environment that will provide immersive learning programmed to prepare professionals for 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 reason, you will be assisted by an innovative, interactive video system created by renowned and experienced experts in the field of Intensive Care units who also have extensive teaching experience.

*You are just one click away from entering a complete and immersive academic experience that will be a before and after in your nursing career.*

*Expand your knowledge through this Hybrid Professional Master's Degree in Clinical Nutrition Nursing, in a practical way and adapted to your needs.*



02

# Why Study this Hybrid Professional Master's Degree?

The development of this program has been carried out in order to provide the graduate, on the one hand, with the theoretical resources they need to up to date their knowledge in Clinical Nutrition and, on the other hand, to give them the opportunity to access a practical period in which to apply it. Therefore, this is a unique and unparalleled opportunity to improve their professional skills through an experience adapted not only to their needs, but also to the requirements of the nursing activity in the area of Nutrition in the current clinical context.







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*An unparalleled opportunity to access the best content related to current trends in Nutrition and the role of the nurse in promoting it"*

### 1. Updating from the Latest Technology Available

TECH provides graduates with the most sophisticated and cutting-edge academic tools that have been developed to date, as well as the best and most innovative theoretical, practical and additional resources. It also ensures that, during the period of stay in the clinical center, you will have access to the latest nursing technology, allowing you to implement the exhaustive mastery of it in your catalog of activities.

### 2. Gaining In-depth Knowledge from the Experience of Top Specialists

The trajectory of the professionals who will guide the graduate both during the theoretical period and during the practical stay will help them to get the most out of this academic experience. This is a unique opportunity to get up to date with the best, working side by side with them to perfect your skills, implementing your strategies with the most specialized advice for a top level practice.

### 3. Entering First-Class Clinical Environments

TECH carefully selects all available centers for Internship Programs. Thanks to this, the specialist will have guaranteed access to a prestigious clinical environment in the field of Clinical Nutrition. In this way, you will be able to see the day-to-day work of a demanding, rigorous and exhaustive sector, always applying the latest theses and scientific postulates in its work methodology.





#### 4. Combining the Best Theory with State-of-the-Art Practice

The design of the curriculum of this program, which contemplates an important theoretical and practical approach, makes it perfect for any graduate who wants to improve, in an integral manner, his or her professional practice. Thanks to the overcoming of all the requirements that it contemplates, the graduate culminates the experience having surpassed even the most ambitious objectives, as well as the necessary requirements for a nursing practice of the highest level.

#### 5. Expanding the Boundaries of Knowledge

TECH offers the possibility of doing this Internship Program, not only in national, but also in international centers. This way, the specialist will be able to expand their frontiers and catch up with the best professionals, who practice in first class centers and in different continents. A unique opportunity that only TECH, the largest online university in the world, could offer.



*You will have full practical immersion  
at the center of your choice"*

# 03 Objectives

The continuous advances made in the field of nursing, as well as the technical, diagnostic and therapeutic issues that have been implemented in this profession in recent years have motivated TECH to develop this program, which has emerged with the aim of bringing the nurse, precisely, to all these developments. It is an experience through which, by combining theory and practice, the graduate is guaranteed to surpass even his or her most ambitious expectations.





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*After completing this experience, you will not be the same professional. Your performances and daily practice will improve exponentially and you will receive the recognition you deserve"*



## General Objective

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- The general objective of the Hybrid Professional Master's Degree in Clinical Nutrition for Nursing for Nurses is to ensure that the professional updates the diagnostic and therapeutic procedures of the specialty in an exclusively practical way, through the most complete theoretical contents of the sector and a hospital stay designed with clinical and academic rigor, under the guidance of renowned professionals in a hospital center of the highest scientific quality and technological innovation. In this Hybrid Professional Master's Degree, the professionals will approach the main interventions of the specialist, which will allow them to improve and enhance their skills in the Nurse care of their patients. various situations



*This Hybrid Professional Master's Degree will generate a sense of security in the performance of nursing practice and which will help you grow personally and professionally"*





## Specific Objectives

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### Module 1. New Developments in Food

- ◆ Review the new dietary guidelines, nutritional objectives, and recommended dietary allowances (RDA)
- ◆ Incorporate the possibilities of phytotherapy as an adjuvant treatment to Nurse practice
- ◆ Identify the relationship between nutrition and immune status
- ◆ Manage the different types of nutritional surveys to assess food intake
- ◆ Describe the composition and utilities of new foods

### Module 2. Current Trends in Nutrition

- ◆ Manage food databases and composition tables
- ◆ Acquire skills in reading and understanding new food labeling methods
- ◆ Update knowledge in nutrigenetics and nutrigenomics

### Module 3. Assessment of Nutritional Status and Diet Practical Application

- ◆ Up-to-date the basics of a balanced diet in the different stages of the life cycle, as well as in exercise
- ◆ Review the psychological bases and biopsychosocial factors that affect human eating behavior
- ◆ Analyze the different methods for assessing nutritional status

#### Module 4. Nutritional Consultation

- ♦ Assess and calculate nutritional requirements in health and disease at any stage of the life cycle
- ♦ Review the chemical composition of foods, their physicochemical properties, their nutritional value, their bioavailability, their organoleptic properties, and the changes they undergo as a result of technological and culinary processes
- ♦ Check basic aspects of food microbiology, parasitology, and toxicology related to food safety
- ♦ Evaluate and maintain adequate hygiene and food safety practices, applying current legislation
- ♦ Early detection and evaluation of quantitative and qualitative deviations from the nutritional balance due to excess or deficiency
- ♦ Identify and classify foods, food products, and food ingredients
- ♦ Identify eating behavior disorders

#### Module 5. Sports Nutrition

- ♦ Evaluate and prescribe physical activity as a factor involved in nutritional status
- ♦ Calculate child and adolescent athlete dietary needs and risks

#### Module 6. Clinical Nutrition and Hospital Dietetics

- ♦ Acquire teamwork skills as a unit in which professionals and other personnel related to the diagnostic evaluation and treatment of dietetics and nutrition are structured in multidisciplinary and interdisciplinary way
- ♦ Acquire technical knowledge on the handling of systems and devices necessary for nutritional support in critically ill patients







### **Module 7. Nutrition in Digestive System Pathologies**

- ◆ Interpret and integrate anthropometric, clinical, biochemical, hematological, immunological, and pharmacological data in the patient's nutritional assessment and dietary-nutritional treatment in Digestive Tract Pathologies
- ◆ Describe the management of nutritional support in inflammatory diseases
- ◆ Determine the management of the small intestine
- ◆ Review the rationale for dietary support of acute diarrhea
- ◆ Gain up-to-date knowledge on the most common food allergies and intolerances
- ◆ Reflect on new techniques in digestive and intestinal surgery and their impact on patient nutrition
- ◆ Describe the main malabsorption syndromes and how they are treated
- ◆ Identify the signs and symptoms of the most prevalent colonic pathology and its nutritional treatment
- ◆ Study the role of the intestinal microbiota and its implications in diseases
- ◆ Reflect on the etiology of constipation and its relationship to diet in adults
- ◆ Identify nutritional factors involved in gastroesophageal reflux and ulcers

### **Module 8. Nutrition in Endocrine-Metabolic Diseases**

- ◆ Interpret and integrate anthropometric, clinical, biochemical, hematological, immunological, and pharmacological data in the patient's nutritional assessment and dietary-nutritional treatment endocrine diseases
- ◆ Study the DASH diet as a treatment for cardiovascular disease
- ◆ Distinguish dietary management of patients with debilitating neuromuscular pathology and who have suffered cerebrovascular accidents
- ◆ Manage the diet of critically ill patients

### Module 9. Nutrition in Kidney Diseases

- ♦ Interpret and integrate anthropometric, clinical, biochemical, hematological, immunological, and pharmacological data in the patient's nutritional assessment and dietary-nutritional treatment of Renal Diseases
- ♦ Know the dietary treatment for biliary and pancreatic pathologies
- ♦ Understand the implications that nutrition can have in the treatment of liver diseases
- ♦ Identify dietary factors involved in hyperuricemia
- ♦ Get up-to-date on the dietary management of dyslipidemias

### Module 10. Nutrition in Neurological Diseases

- ♦ Interpret and integrate anthropometric, clinical, biochemical, hematological, immunological, and pharmacological data in the patient's nutritional assessment and dietary-nutritional treatment in neurological diseases
- ♦ Gain up-to-date knowledge of the management of patients with swallowing problems

### Module 11. Nutrition in Special Situations

- ♦ Check the drug-nutrient interaction and its implication in the patients treatment
- ♦ Assess the nutritional support of children with cancer in different situations
- ♦ Identify the nutritional support needs of patients with Parkinson's disease and Alzheimer's disease at each evolutionary stage
- ♦ Manage the type II diabetic diet and other lifestyle factors
- ♦ Study the interrelationship between diet and oral disease
- ♦ Identify and assess obesity and know its dietary or surgical treatment
- ♦ Up to date the dietary management of oral cavity pathologies in children

### Module 12. Nutrition in Deficiency Diseases

- ♦ Identify dietary and lifestyle factors involved in the genesis and treatment of osteoporosis
- ♦ Incorporate the nutritional treatment of the most prevalent deficiency diseases in adults
- ♦ Identify dietary factors related to bone metabolism

### Module 13. Artificial Nutrition in Adults

- ♦ Incorporate the different techniques and products of basic and advanced nutritional support
- ♦ Identify patients with nutritional risk or established malnutrition susceptible to specific support
- ♦ Evaluate and monitor the supervision of nutritional support
- ♦ Update knowledge in the light of the current evolution of HIV patients on the nutritional support of the disease
- ♦ Update knowledge of specific formulae for artificial nutrition in adults
- ♦ Explain the different techniques and products of basic and advanced nutritional support related to the nutrition of the patient

### Module 14. Physiology of Infant Nutrition

- ♦ To review current trends in premature infant nutrition
- ♦ Describe current trends in the nutrition of infants with delayed intrauterine growth and the implication of nutrition on metabolic diseases
- ♦ Reflect on the role of human milk as a functional food
- ♦ Review the physiology of breastfeeding

- ♦ Explain how milk banks work
- ♦ Reflect on new trends and models in infant feeding
- ♦ Reflect and identify risk factors in school and adolescent nutrition
- ♦ Describe the pathophysiological aspects of pediatric diseases
- ♦ Reflect on the role of nutrition in autistic children
- ♦ Match the different types of malnutrition and their impact on the developing organism
- ♦ Update the different educational methods of application in health sciences, as well as communication techniques applicable to food and human nutrition with a special focus on children and adolescents
- ♦ Update knowledge on probiotics and prebiotics in infant feeding
- ♦ Reflect 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
- ♦ Review and update the role that fats play in children's diets

### **Module 15. Artificial Nutrition in Pediatrics**

- ♦ Apply Food Science and Nutrition to the practice of pediatric dietetics
- ♦ Update the dietary management of oral cavity pathologies in children
- ♦ Update knowledge on new formulae used in infant feeding
- ♦ Identify children at nutritional risk who are eligible for specific support
- ♦ Evaluate and monitor the supervision of children on nutritional support
- ♦ Apply the knowledge acquired on nutritional assessment artificial in Pediatrics

### **Module 16. Infant Malnutrition**

- ♦ Identify children suffering from malnutrition
- ♦ Explain the correct nutritional support for a malnourished child
- ♦ Describe the nutritional requirements in the different periods of childhood
- ♦ Identify the repercussion that a pregnant and lactating mother's nutrition has on the intrauterine growth and evolution of new-borns and infants

### **Module 17. Childhood Nutrition and Pathologies**

- ♦ Get up-to- Determine on managing children with gastroesophageal reflux
- ♦ Reflect on the etiology, repercussions, and treatment of childhood obesity
- ♦ Comprehension the implications of nutrition in the growth process and in the prevention and treatment of different childhood pathologies
- ♦ Determine the dietary guidelines for adults with chronic renal failure and on dialysis
- ♦ Get up-to-date on the dietary management of dyslipidemias
- ♦ Assess the psychological and physiological aspects involved in eating disorders in young children
- ♦ Identify the appropriate nutritional therapy for pediatric patients with chronic pulmonary pathology
- ♦ Identify exclusion foods in the diets of children with celiac disease
- ♦ Explain the dietary management of children with nephropathy
- ♦ Reflect on the relationship between constipation and infant nutrition
- ♦ Manage diabetic children's diet

# 04 Skills

After passing the assessments on the Hybrid Professional Master's Clinical Nutrition for Nursing, Healthcare professional will have acquired the professional skills required for quality nursing care, and up to date based on the latest scientific evidence.





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*The skills you will acquire in this program will enable you to position yourself in a highly competitive industry"*



## General Skills

- ♦ Possess and understand knowledge that provides a basis or opportunity to be original in the development and/or application of ideas, often in a research context
- ♦ Know how to apply acquired knowledge and problem-solving skills in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their area of study
- ♦ Integrate knowledge and face the complexity of making judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities related to the application of their knowledge and judgments
- ♦ Know how to communicate conclusions, knowledge, and supporting arguments to specialized and non-specialized audiences in a clear and unambiguous way

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*The course of this program will give you the keys to analyze and determine the nutritional support of the oncological child in different phases of the disease through the most innovative strategies”*





## Specific Skills

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- ♦ Describe balanced nutrition at different stages of the life cycle, as well as exercise to prevent deficits and deficiencies
- ♦ Contrast nutritional requirements in health and disease situations at any stage of the life cycle to adapt to the patient accordingly
- ♦ Determine nutritional objectives and recommended nutrient intakes (RDA) to establish healthy recommendations for our patients
- ♦ Develop skills in reading and understanding food labeling to identify the most appropriate foods to advise our patients
- ♦ Design an adjuvant treatment based on phytotherapy as an additional resource in the nutritional support of patients
- ♦ Question the different methods of assessing nutritional status in order to select the most suitable one for the subject to be studied
- ♦ Interpret all data in the nutritional assessment of the patient in order to make a proper nutritional diagnosis
- ♦ Define food hygiene practices based on current legislation in order to prevent food-related complications
- ♦ Analyze the importance of nutrition in the growth process in childhood in order to detect problems or pathologies related to deficiencies or deficits
- ♦ Questioning nutritional requirements at different stages of childhood in order to adapt them to the needs of children
- ♦ Determine the calculation of the nutritional needs and risks of children and adolescent athletes in order to guarantee adequate growth and development
- ♦ Describe current trends in new-born nutrition in order to advise parents
- ♦ Describe the operation of milk banks in order to advise parents of children with specific needs
- ♦ Screen children at nutritional risk in order to apply targeted support to those at risk
- ♦ Design an evaluation and monitoring plan for children on nutritional support to determine their adequacy
- ♦ Analyze the differences between probiotic and prebiotic foods in order to determine their application in the infant stage
- ♦ Develop a correct nutritional support for the malnourished child in order to reverse this situation and avoid later complications
- ♦ Describe the etiology, repercussions and treatment of childhood obesity in order to detect, prevent and treat when necessary
- ♦ Address the psychological and physiological aspects involved in feeding disorders in young children in order to prevent and identify complications in their development and growth
- ♦ Determine the correct dietary management of the diabetic child to ensure proper development and growth and to avoid complications

05

# Course Management

The direction of this Hybrid Professional Master's Degree will be in charge of a team specialized in the nursing area of Clinical Nutrition, which has been carefully selected following the strictest criteria of quality and completeness that define and differentiate TECH from other centers. Thanks to this, the graduate will be able to count on the support of a group of professionals of the highest level who will guide them during the 12 months of academic experience.





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*The teaching team has worked intensively in shaping the 1,500 hours of theoretical, practical and additional content that make up the curriculum of this blended master's degree”*

## Management



### Ms. Auni3n Lavar3as, Mar3a Eugenia

- Pharmacist Clinical Nutrition Expert
- Author of the reference book in the field of Clinical Nutrition, *Gesti3n Diet3tica del Sobrepeso en la Oficina de Farmacia* (Editorial M3dica Panamericana)
- Pharmacist with extensive experience in the public and private sector
- Head Pharmacist
- Pharmacy Assistant. Pharmacy Chain. British Health and Beauty Retailers Boots UK. Oxford Street Central London
- Bachelor 's Degree in Food Science and Technology. University of Valencia
- Direction of the Dermocosmetic University Course. Pharmacy Office



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*In the Virtual Campus you will find a direct communication tool to get in touch with the teachers whenever you want and need to up to date your knowledge”*

# 06

## Educational Plan

TECH Using in the total of their degrees Relearning methodology, which consists mainly in the continuous reiteration of the most important concepts throughout the syllabus. Thanks to this, The graduate is able to naturally and progressively update their knowledge, without the need invest extra hours in memorizing. All this, supported by the resolution of practical cases based on real situations, which allow you to immerse yourself in simulated environments and improve your skills from the comfort of your home and in total security.





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*In the Virtual Campus you will find of hours of diverse additional Material of great quality to expand each section in a personalized way, suited to your requirements”*

### Module 1. New Developments in Food

- 1.1. Molecular Foundations of Nutrition
- 1.2. Update on Food Composition
- 1.3. Food Composition Tables and Nutritional Databases
- 1.4. Phytochemicals and Non-Nutritive Compounds
- 1.5. New Food
  - 1.5.1. Functional Nutrients and Bioactive Compounds
  - 1.5.2. Probiotics, Prebiotics and Symbiotics
  - 1.5.3. Quality and Design
- 1.6. Organic food
- 1.7. Transgenic Foods
- 1.8. Water as a Nutrient
- 1.9. Food Safety
  - 1.9.1. Physical, Chemical, and Microbiological Hazards
- 1.10. New labelling and consumer information BORRAR
- 1.11. Phytotherapy Applied to Nutritional Pathologies

### Module 2. Current Trends in Nutrition

- 2.1. Nutrigenetics
- 2.2. Nutrigenomics
  - 2.2.1. Fundamentals
  - 2.2.2. Methods
- 2.3. Immunonutrition
  - 2.3.1. Nutrition-Immunity Interactions
  - 2.3.2. Antioxidants and Immune Function
- 2.4. Physiological Regulation of Feeding. Appetite and Satiety
- 2.5. Nutrition and the Circadian System. Timing is the Key





### Module 3. Assessment of Nutritional Status and Diet. Practical Application

- 3.1. Bioenergy and Nutrition
  - 3.1.1. Energy Needs
  - 3.1.2. Methods of Assessing Energy Expenditure
- 3.2. Assessment of Nutritional Status
  - 3.2.1. Body Composition Analysis
  - 3.2.2. Clinical Diagnosis. Symptoms and Signs
  - 3.2.3. Biochemical, Hematological and Immunological Methods
- 3.3. Intake Assessment
  - 3.3.1. Methods for Analyzing Food and Nutrient Intake
  - 3.3.2. Direct and Indirect Methods
- 3.4. Update on Nutritional Requirements and Recommended Intakes
- 3.5. Nutrition in a Healthy Adult. Objectives and Guidelines. Mediterranean Diet
- 3.6. Nutrition in Menopause
- 3.7. Nutrition in the Elderly

### Module 4. Nutritional Consultation

- 4.1. How to Carry Out a Nutritional Consultation?
  - 4.1.1. Analysis of the Market and Competition
  - 4.1.2. Clientele
  - 4.1.3. Marketing. Social media
- 4.2. Psychology and Nutrition
  - 4.2.1. Psychosocial Factors Affecting Eating Behavior
  - 4.2.2. Interview Techniques
  - 4.2.3. Dietary Advice
  - 4.2.4. Stress Control
  - 4.2.5. Child and Adult Nutrition Education

## Module 5. Sports Nutrition

- 5.1. Physiology of Exercise
- 5.2. Physiological Adaptation to Different Types of Exercise
- 5.3. Metabolic Adaptation to Exercise. Regulation and Control
- 5.4. Assessing Athletes' Energy Needs and Nutritional Status
- 5.5. Assessing Athletes' Physical Ability
- 5.6. Nutrition in the Different Phases of Sports Practice
  - 5.6.1. Pre-Competition
  - 5.6.2. During
  - 5.6.3. Post-Competition
- 5.7. Hydration
  - 5.7.1. Regulation and Needs
  - 5.7.2. Types of Beverages
- 5.8. Dietary Planning Adapted to Different Sports
- 5.9. Ergogenic Aids BORRAR and Current Anti-Doping Regulations BORRAR
  - 5.9.1. AMA and AEPSAD Recommendations BORRAR
- 5.10. Nutrition in Sports Injury Recovery
- 5.11. Psychological Disorders Related to Practising Sport
  - 5.11.1. Eating Disorders: Bigorexia, Orthorexia, Anorexia
  - 5.11.2. Fatigue Caused by Overtraining
  - 5.11.3. The Female Athlete Triad
- 5.12. The Role of the Coach in Sports Performance

## Module 6. Clinical Nutrition and Hospital Dietetics

- 6.1. Role of the Nursing Professional in the Multidisciplinary Team of the Nutrition Units
- 6.2. Management of Hospital Nutrition Units
  - 6.2.1. Nutrition in the Hospital Setting
  - 6.2.2. Food Safety in Hospitals
  - 6.2.3. Hospital Kitchen Organization
  - 6.2.4. Planning and Managing Hospital Diets. Dietary Code

- 6.3. Hospital Basal Diets
  - 6.3.1. Basal Diet in Adults
  - 6.3.2. Pediatric Basal Diet
  - 6.3.3. Ovo-lacto vegetarian diet
  - 6.3.4. Diet Adapted to Cultural
- 6.4. Therapeutic Hospital Diets
  - 6.4.1. Unification of Diets and Personalized Menus
- 6.5. Bidirectional Drug-Nutrient Interaction

## Module 7. Nutrition in Digestive System Pathologies

- 7.1. Nutrition in Oral Disorders
  - 7.1.1. Taste
  - 7.1.2. Salivation
  - 7.1.3. Mucositis
- 7.2. Nutrition in Esophagogastric Disorders
  - 7.2.1. Gastroesophageal Reflux
  - 7.2.2. Gastric Ulcers
  - 7.2.3. Dysphagia
- 7.3. Nutrition in Post-Surgical Syndromes
  - 7.3.1. Gastric Surgery
  - 7.3.2. Small Intestine
- 7.4. Nutrition in Bowel Function Disorders
  - 7.4.1. Constipation
  - 7.4.2. Diarrhea
- 7.5. Nutrition in Malabsorption Syndromes
- 7.6. Nutrition in Colonic Pathology
  - 7.6.1. Irritable Bowel
  - 7.6.2. Diverticulosis
- 7.7. Nutrition in Inflammatory Bowel Disease (IBD)
- 7.8. Most Frequent Food Allergies and Intolerances with Gastrointestinal Effects



- 7.9. Nutrition in Liver Diseases
  - 7.9.1. Portal Hypertension
  - 7.9.2. Hepatic Encephalopathy
  - 7.9.3. Liver Transplant
- 7.10. Nutrition in Biliary Diseases. Biliary Lithiasis
- 7.11. Nutrition in Pancreatic Diseases
  - 7.11.1. Acute Pancreatitis
  - 7.11.2. Chronic Pancreatitis

## Module 8. Nutrition in Endocrine-Metabolic Diseases

- 8.1. Dyslipidemia and Arteriosclerosis
- 8.2. Diabetes Mellitus
- 8.3. Hypertension and Cardiovascular Disease
- 8.4. Obesity
  - 8.4.1. Etiology. Nutrigenetics and Nutrigenomics
  - 8.4.2. Pathophysiology of Obesity
  - 8.4.3. Diagnosis of the Disease and its Comorbidities
  - 8.4.4. Multidisciplinary Team in Obesity Treatment
  - 8.4.5. Dietary Treatment. Therapeutic Possibilities
  - 8.4.6. Pharmacological Treatment. New Drugs
  - 8.4.7. Psychological Treatment
    - 8.4.7.1. Intervention Models
    - 8.4.7.2. Treatment of Associated Eating Disorders
  - 8.4.8. Surgical Treatments
    - 8.4.8.1. Indications
    - 8.4.8.2. Techniques
    - 8.4.8.3. Complications
    - 8.4.8.4. Dietary Management
    - 8.4.8.5. Metabolic Surgery

- 8.4.9. Endoscopic Treatments
  - 8.4.9.1. Indications
  - 8.4.9.2. Techniques
  - 8.4.9.3. Complications
  - 8.4.9.4. Patient Dietary Management
- 8.4.10. Physical Activity in Obesity
  - 8.4.10.1. Assessment of the Patient's Functional Capacity and Activity
  - 8.4.10.2. Activity-based Prevention Strategies
  - 8.4.10.3. Intervention in the Treatment of the Disease and Associated Pathologies
- 8.4.11. Update on Diet and Obesity Studies
- 8.4.12. International Intervention Strategies for Obesity Control and Prevention

## Module 9. Nutrition in Kidney Diseases

- 9.1. Glomerular Disorders and Tubulopathies
- 9.2. Predialysis Chronic Renal Failure
- 9.3. Chronic Renal Failure and Dialysis
- 9.4. Gout and Hyperuricemia

## Module 10. Nutrition in Neurological Diseases

- 10.1. Swallowing Disorders
- 10.2. Disabling Neuromuscular Disorders
- 10.3. Stroke
- 10.4. Parkinson's Disease
- 10.5. Alzheimer's Disease

## Module 11. Nutrition in Special Situations

- 11.1. Nutrition in Metabolic Stress Situations
  - 11.1.1. Sepsis
  - 11.1.2. Polytrauma
  - 11.1.3. Burns
  - 11.1.4. Transplant Recipient

- 11.2. Nutrition in Oncology Patients with:
  - 11.2.1. Surgical Management
  - 11.2.2. Chemotherapy Treatment
  - 11.2.3. Radiotherapy Treatment
  - 11.2.4. Bone Marrow Transplant
- 11.3. Immune Diseases
  - 11.3.1. Acquired Immunodeficiency Syndrome

## Module 12. Nutrition in Deficiency Diseases

- 12.1. Malnutrition
  - 12.1.1. Hospital Malnutrition
  - 12.1.2. The Fasting and Refeeding Cycle
- 12.2. Anaemia. Hemochromatosis
- 12.3. Vitamin Deficiencies
- 12.4. Osteoporosis
- 12.5. Oral Disease and its Relation to Diet

## Module 13. Artificial Nutrition in Adults

- 13.1. Enteral Nutrition
- 13.2. Parenteral Nutrition
- 13.3. Artificial Nutrition at Home
- 13.4. Adapted Oral Nutrition

## Module 14. Physiology of Infant Nutrition

- 14.1. Influence of Nutrition on Growth and Development
- 14.2. Nutritional Requirements in the Different Periods of Childhood
- 14.3. Nutritional Assessment in Children
- 14.4. Physical Activity Evaluation and Recommendations
- 14.5. Nutrition During Pregnancy and its Impact on the New-born
- 14.6. Current Trends in the Premature New-born Nutrition
- 14.7. Nutrition in Lactating Women and its Impact on the Infant

- 14.8. Nutrition of Newborns with Intrauterine Growth Delay. Implications on Metabolic Diseases
- 14.9. Breastfeeding
  - 14.9.1. Human Milk as a Functional Food
  - 14.9.2. Process of Milk Synthesis and Secretion
  - 14.9.3. Reasons for it to be Encouraged
- 14.10. Human Milk Banks
  - 14.10.1. Milk Bank Operation and Indications
- 14.11. Concept and Characteristics of the Formulae Used in Infant Feeding
- 14.12. The Move to a Diversified Diet. Complementary Feeding During the First Year of Life
- 14.13. Feeding 1–3-Year-Old Children
- 14.14. Feeding During the Stable Growth Phase. Schoolchild Nutrition
- 14.15. Adolescent Nutrition. Nutritional Risk Factors
- 14.16. Child and Adolescent Athlete Nutrition
- 14.17. Other Dietary Patterns for Children and Adolescents. Cultural, Social, and Religious Influences on Infant Nutrition
- 14.18. Prevention of Childhood Nutritional Diseases. Objectives and Guidelines

## Module 15. Artificial Nutrition in Pediatrics

- 15.1. Concept of Nutritional Therapy
  - 15.1.1. Evaluation of Patients in Need of Nutritional Support
  - 15.1.2. Indications
- 15.2. General Information about Enteral and Parenteral Nutrition
- 15.3. Dietary Products Used for Sick Children or Children with Special Needs
- 15.4. Implementing and Monitoring Patients with Nutritional Support
  - 15.4.1. Critical Patients
  - 15.4.2. Patients with Neurological Pathologies
- 15.5. Artificial Nutrition at Home
- 15.6. Nutritional Supplements to Support the Conventional Diet
- 15.7. Probiotics and Prebiotics in Infant Feeding

## Module 16. Infant Malnutrition

- 16.1. Infant Malnutrition
  - 16.1.1. Psychosocial Aspects
  - 16.1.2. Pediatric Assessment
  - 16.1.3. Treatment and Monitoring
- 16.2. Nutritional Anemias
  - 16.2.1. Other Nutritional Anemias in Childhood
- 16.3. Vitamin and Trace Element Deficiencies
  - 16.3.1. Vitamins
  - 16.3.2. Trace Elements
  - 16.3.3. Detection and Treatment
- 16.4. Fats in Infant Diets
  - 16.4.1. Essential Fatty Acids
- 16.5. Childhood Obesity
  - 16.5.1. Prevention
  - 16.5.2. Impact of Childhood Obesity
  - 16.5.3. Nutritional Treatment

## Module 17. Childhood Nutrition and Pathologies

- 17.1. Nutrition of Children with Oral Pathologies
- 17.2. Nutrition of Infants and Children with Gastroesophageal Reflux
- 17.3. Nutrition in Acute Diarrhea Situation
- 17.4. Nutrition in Children with Celiac Disease
- 17.5. Nutrition in Children with Inflammatory Bowel Disease
- 17.6. Nutrition in Children with Digestive Malabsorption Syndrome
- 17.7. Nutrition in Children with Constipation
- 17.8. Nutrition in Children with Liver Disease
- 17.9. Feeding Difficulties and Disorders in Children
  - 17.9.1. Physiological Aspects
  - 17.9.2. Psychological Aspects

- 17.10. Eating Disorders
  - 17.10.1. Anorexia
  - 17.10.2. Bulimia
  - 17.10.3. Others
- 17.11. Innate Problems With Metabolism
  - 17.11.1. Principles for Dietary Treatment
- 17.12. Nutrition in Dyslipidemias
- 17.13. Nutrition in Diabetic Children
- 17.14. Nutrition in Autistic Children
- 17.15. Nutrition in Children with Cancer
- 17.16. Nutrition in Children with Chronic Pulmonary Pathology
- 17.17. Nutrition in Children with Nephropathy
- 17.18. Nutrition in Children with Food Allergies and/or Intolerances
- 17.19. Childhood and Bone Pathology Nutrition



*If your objectives include mastering nutritional vitamin deficiencies in patients with various pathologies, in this program you will find the keys to update your knowledge based on the latest advances"*

07

# Clinical Internship

After passing the Online up to date period, the program includes a practical training period in a reference clinical center. The student will have at their disposal the support of a tutor who will accompany them during the whole process, both in the preparation and in the development of the clinical practice.





“

*Do your clinical internship in one of the best international hospital centers"*

The Practical Training period of this Clinical Nutrition in Nursing program consists of a practical stay in highly prestigious centers. This experience allow you to deal with real patients with a team of reference professionals in the of area, applying the most innovative diagnostic procedures and planning the latest generation Therapeutics in each Cases.

In this training proposal, completely practical in nature, the activities are aimed at developing and perfecting the skills necessary for the provision of healthcare in areas and conditions that require a high level of qualification, and which are oriented to the specific training for the exercise of the activity, in a safe environment for the patient and a high professional performance.

It is undoubtedly an opportunity to learn by working in the innovative hospital of the future where real-time health monitoring of patients is at the center of the digital culture of its professionals. This is a new way of understanding and integrating health processes, being the ideal teaching scenario for this innovative experience in the improvement of professional medical competencies of the 21st century.

The practical education will be carried out with the active participation of the student performing the activities and procedures of each area of competence (learning to learn and learning to do), with the accompaniment and guidance of teachers and other fellow trainees that facilitate teamwork and multidisciplinary integration as transversal competencies for Current The nursing practice clinical and nutritional(learning to be and learning to relate).





The procedures described below will be the basis of the practical part of the training, and their implementation will be subject to the center's own availability and workload, the proposed activities being the following:

Module	Practical Activity
<b>New Developments in Food</b>	Apply the molecular basis of nutrition
	Elaborate Food Composition Tables and Nutritional Databases
	Design a dietary plan of phytotherapy as an adjuvant treatment
	Participate in reading and understanding food labeling
	Addressing current issues on the use of water as a nutrient
<b>Current Trends Future in Nutrition</b>	Apply the different studies on the impact of nutrigenetic and nutrigenomic nutrition
	Apply the knowledge acquired about nutrition and circadian rhythm in patient
	To establish the guidelines for the application of the different methods for the assessment of nutritional status.
	Discuss the importance of physiological regulation of food in relation to appetite and satiety
<b>Specialized nutrition</b>	Apply aspects of psychology and nutrition to patients in the nutrition practice
	Execute menopausal feeding evaluation
	Implement the Dietary Planning Adapted to Different Sports
	To train, with real patients, the renewed management of the most frequent food allergies and intolerances with gastrointestinal repercussions
<b>Nutrition in Endocrinometabolic Kidney Diseases</b>	Identify nutritional behavior in dyslipidemia and arteriosclerosis
	Discuss with the colleagues Postgraduate Diploma about nutritional treatment in Diabetes Mellitus
	Discern the DASH diet and prescribe it as a treatment in cardiovascular disease
	Observe and identify obesity and determine its dietary or surgical treatment
	To analyze the nutritional behavior in glomerular disorders and tubulopathies in different age groups in different ages
	Apply dietary guidelines for adults with chronic kidney failure and on dialysis
	Managing nutritional trends in gout and hyperuricemia

## Civil Liability Insurance

This institution's main concern is to guarantee the safety of the trainees and other collaborating agents involved in the internship process at the company. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

To this end, this entity commits to purchasing a civil liability insurance policy to cover any eventuality that may arise during the course of the internship at the center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. That way professionals will not have to worry in case of having to face an unexpected situation and will be covered until the end of the internship program at the center.





## General Conditions for Practical Training

The general terms and conditions of the internship agreement for the program are as follows:

**1. TUTOR:** During the Hybrid Professional Master's Degree, students will be assigned with two tutors who will accompany them throughout the process, answering any doubts and questions that may arise. On the one hand, there will be a professional tutor belonging to the internship center who will have the purpose of guiding and supporting the student at all times. On the other hand, they will also be assigned with an academic tutor whose mission will be to coordinate and help the students during the whole process, solving doubts and facilitating everything they may need. In this way, the student will be accompanied and will be able to discuss any doubts that may arise, both clinical and academic.

**2. DURATION:** The internship program will have a duration of three continuous weeks, in 8-hour days, 5 days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements.

**3. ABSENCE:** If the students does not show up on the start date of the Hybrid Professional Master's Degree, they will lose the right to it, without the possibility of reimbursement or change of dates. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship, therefore, automatic termination of the internship. Any problems that may arise during the course of the internship must be urgently reported to the academic tutor.

**4. CERTIFICATION:** Professionals who pass the Hybrid Professional Master's Degree will receive a certificate accrediting their stay at the center.

**5. EMPLOYMENT RELATIONSHIP:** The Hybrid Professional Master's Degree shall not constitute an employment relationship of any kind.

**6. PRIOR EDUCATION:** Some centers may require a certificate of prior education for the Hybrid Professional Master's Degree. In these cases, it will be necessary to submit it to the TECH internship department so that the assignment of the chosen center can be confirmed.

**7. DOES NOT INCLUDE:** The Hybrid Professional Master's Degree will not include any element not described in the present conditions. Therefore, it does not include accommodation, transportation to the city where the internship takes place, visas or any other items not listed

However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case.

# 08

## Where Can I Do the Clinical Internship?

In its mission to train specialized professionals, TECH has chosen prestigious centers that guarantee innovative and highly qualified education. Through this training and from the experiences it will provide to the alumni, this exclusive opportunity will allow the professional an enriching growth thanks to the hand in hand accompaniment of the best specialists in the Clinical Nutrition sector.





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*A unique experience that will enhance your career opportunities through experiential experiences in prestigious centers"*



The student will be able to complete the practical part of this Hybrid Professional Master's Degree at the following centers:



Nursing

### Diagnoslab

Country	City
Spain	Madrid

Address: C. Cam. del Berrocal, 4, 28400 Collado Villalba, Madrid

Clinical analysis laboratory for medical diagnostics

**Related internship programs:**  
Clinical Analysis  
- Nursing in the Gynecology Service



Nursing

### Nutrición Ruiz

Country	City
Spain	Madrid

Address: Av. de Moratalaz 103, 28030 Madrid, España

Clinical center for integrative and nutritional assistance

**Related internship programs:**  
- Clinical Nutrition in Medicine  
- Clinical Nutrition in Nursing



Nursing

### Instituto de Obesidad (IOB)

Country	City
Spain	Madrid

Address: Calle Apolonio Morales 4 Bis, Esquina Menéndez Pidal, 28036 Madrid

Clinic specialized in surgical and counseling assistance to obese patients.

**Related internship programs:**  
Diet Therapy  
- Up-to-date on Bariatric Surgery



Nursing

### Hospital HM Regla

Country	City
Spain	León

Address: Calle Cardenal Landázuri, 2, 24003, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

**Related internship programs:**  
- Update on Psychiatric Treatment in Minor Patients



Nursing

### Hospital HM Nou Delfos

Country	City
Spain	Barcelona

Address: Avinguda de Vallcarca, 151, 08023 Barcelona

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

**Related internship programs:**  
- Aesthetic Medicine  
- Clinical Nutrition in Medicine



Nursing

### Hospital HM Sanchinarro

Country	City
Spain	Madrid

Address: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

**Related internship programs:**  
- Anaesthesiology and Resuscitation  
- Palliative Care



Nursing

### Hospital HM Nuevo Belén

Country	City
Spain	Madrid

Address: Calle José Silva, 7, 28043, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

**Related internship programs:**  
- General and Digestive System Surgery  
- Clinical Nutrition in Medicine



Nursing

### Policlínico HM Distrito Telefónica

Country	City
Spain	Madrid

Address: Ronda de la Comunicación, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

**Related internship programs:**  
- Optical Technologies and Clinical Optometry  
- General and Digestive System Surgery



### Policlínico HM Gabinete Velázquez

Country	City
Spain	Madrid

Address: C. de Jorge Juan, 19, 1º 28001, 28001, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

**Related internship programs:**

- Clinical Nutrition in Medicine
- Aesthetic Plastic Surgery



### Policlínico HM Las Tablas

Country	City
Spain	Madrid

Address: C. de la Sierra de Atapuerca, 5, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

**Related internship programs:**

- Nursing in the Traumatology Department
- Diagnosis in Physiotherapy



### Policlínico HM Moraleja

Country	City
Spain	Madrid

Address: P.º de Alcobendas, 10, 28109, Alcobendas, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

**Related internship programs:**

- Rehabilitation Medicine in Acquired Brain Injury Management



### Policlínico HM Sanchinarro

Country	City
Spain	Madrid

Address: Av. de Manoteras, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

**Related internship programs:**

- Gynecological Care for Midwives
- Nursing in the Digestive Tract Department



Nursing

### Varicentro-Granada

Country	City
Spain	Granada

Address: Calle Ariabal, 32 18004 Granada

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
Obesity  
Clinical Nutrition



Nursing

### Varicentro-Jerez de la Frontera

Country	City
Spain	Cadiz

Address: Plaza Madre de Dios, Edificio Sherry 11401 Jerez de la Frontera

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
Obesity  
- Aesthetic Medicine



Nursing

### Varicentro-Cádiz

Country	City
Spain	Cadiz

Address: Avda. Andalucía, 16 11008 Cádiz

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
Obesity  
Clinical Nutrition



Nursing

### Varicentro-Algeciras

Country	City
Spain	Cadiz

Address: Fuerte de Santiago Street, 5, 11201 Algeciras

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
Clinical Nutrition  
Obesity





Nursing

### Varicentro-Córdoba

Country	City
Spain	Córdoba

Address: Avda. del Brillante, 91  
14012 Córdoba

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
Obesity  
Clinical Nutrition



Nursing

### Varicentro-Ciudad Real

Country	City
Spain	Ciudad Real.

Address: Calle Juan II, 5 13001 Ciudad Real

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
- Clinical Nutrition for Nursing  
Obesity



Nursing

### Varicentro-Donostia-San Sebastián

Country	City
Spain	Gipuzkoa.

Address: Paseo de Colón, 13 20002  
Donostia-San Sebastián

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
- Clinical Nutrition for Nursing  
Obesity



Nursing

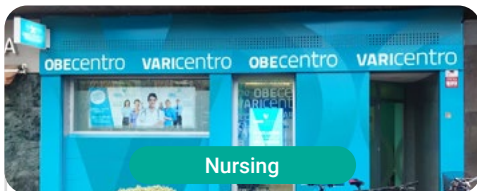
### Varicentro-Bilbao

Country	City
Spain	Vizcaya

Address: Pérez Galdós Street 48010 Bilbao

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
- Clinical Nutrition for Nursing  
Clinical Nutrition



Nursing

### Varicentro-Vitoria-Gasteiz

Country	City
Spain	Álava

Address: La Esperanza Kalea, Local  
comercial 2 01002 Vitoria-Gasteiz

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
Obesity  
- Clinical Nutrition for Nursing



Nursing

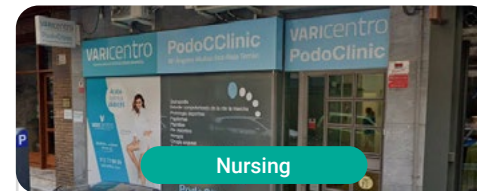
### Varicentro-Barcelona

Country	City
Spain	Barcelona

Address: Calle de Casanova, 103 08011  
Barcelona

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
- Clinical Nutrition for Nursing  
Obesity



Nursing

### Varicentro-Cáceres

Country	City
Spain	Cáceres

Address: Calle Profesor Rodríguez Moñino, 2  
10002 Cáceres

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
- Clinical Nutrition for Nursing  
Obesity



Nursing

### Varicentro-Badajoz

Country	City
Spain	Badajoz

Address: Avda. Sinforianos Madroñero, 22  
06011 Badajoz

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
Obesity  
Clinical Nutrition



Nursing

### Varicentro-Huelva

Country	City
Spain	Barcelona

Address: Calle Puerto, 8-10 21001 Huelva

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
 Esthetic Nursing  
 Obesity



Nursing

### Varicentro-Málaga

Country	City
Spain	Malaga

Address: Calle Fernando Camino, 14 29016 Málaga

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
 Obesity  
 - Clinical Nutrition for Nursing



Nursing

### Varicentro-Sevilla-Nervión

Country	City
Spain	Seville

Address: Avda. Kansas City, 32 41007 Sevilla

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
 - Clinical Nutrition for Nursing  
 Esthetic Nursing



Nursing

### Varicentro-Sevilla-El Viso del Alcor

Country	City
Spain	Seville

Address: Plaza del Granadillo, S/N (Junto a deportes Maracaná) 41520 El Viso del Alcor, Sevilla

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
 Clinical Nutrition  
 Obesity



Nursing

### Varicentro-Madrid centro

Country	City
Spain	Madrid

Address: Calle Don Ramón de la Cruz, 79, local 4 (esq. Calle Conde Peñalver) 28001 Madrid

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
 - Clinical Nutrition for Nursing  
 - Aesthetic Medicine



Nursing

### Varicentro-Madrid-Collado Villalba

Country	City
Spain	Madrid

Address: Calle Madroños, 2, 28400 Collado Villalba, Madrid

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
 - Clinical Nutrition for Nursing  
 Obesity



Nursing

### Varicentro-Madrid-Leganés

Country	City
Spain	Madrid

Address: Calle Butarque, 12, 28911 Leganés, Madrid

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
 Clinical Nutrition  
 Obesity



Nursing

### Varicentro-Madrid-Móstoles

Country	City
Spain	Madrid

Address: Avda. Dos de Mayo, 35, 28934 Móstoles, Madrid

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
 Clinical Nutrition  
 Obesity





**Nursing**

**Varicentro-Zaragoza**

Country: Spain      City: Zaragoza

Address: Avda. Francisco de Goya  
50006 Zaragoza

Varicentro is a specialized medical group with 23 clinics in the Spanish territory

**Related internship programs:**  
Clinical Nutrition  
Obesity



*Boost your career path with holistic teaching, allowing you to advance both theoretically and practically"*

09

# 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.





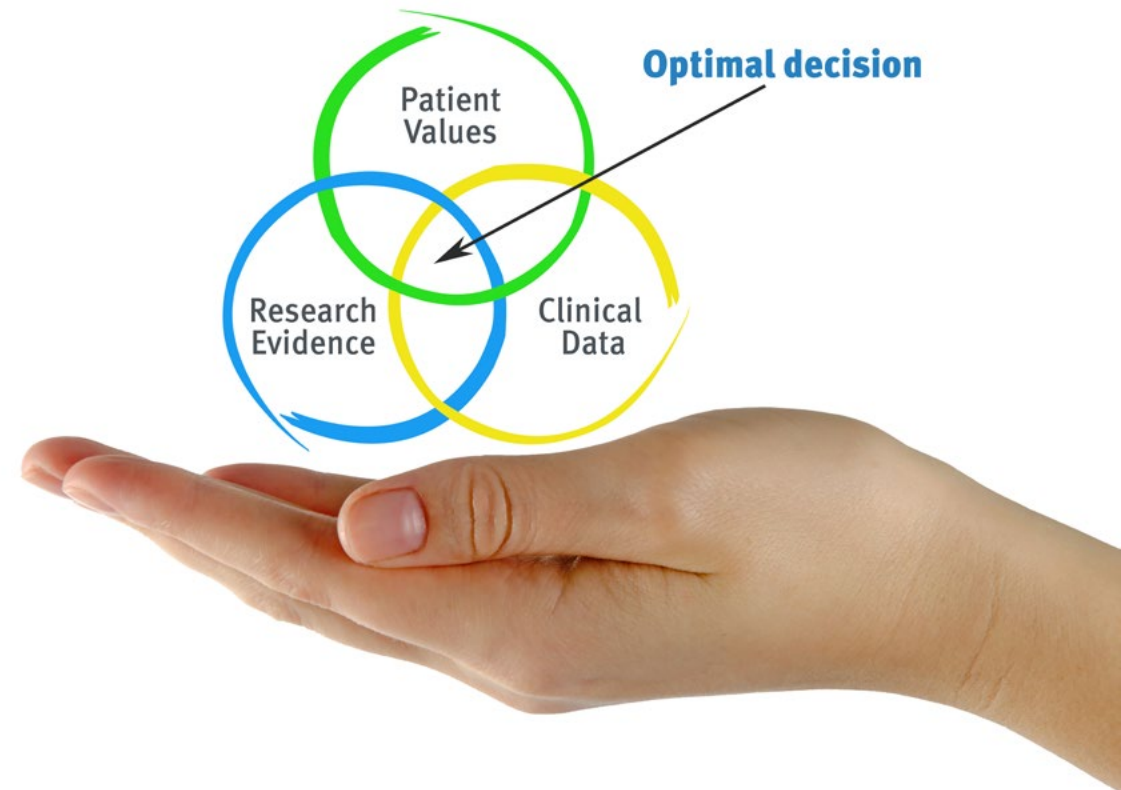
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## At TECH Nursing School 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. Nurses learn better, faster, and more sustainably over time.

*With TECH, nurses can experience a learning methodology that is shaking the foundations of traditional universities around the world.*



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, in an attempt to recreate the real conditions in professional nursing 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. Nurses 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 nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.
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 case studies with a 100% online learning system based on repetition combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of cases.



*The nurse 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 have trained more than 175,000 nurses with unprecedented success in all specialities regardless of practical 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 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 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.



### Nursing Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, 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 them as many times as you want.



### Interactive Summaries

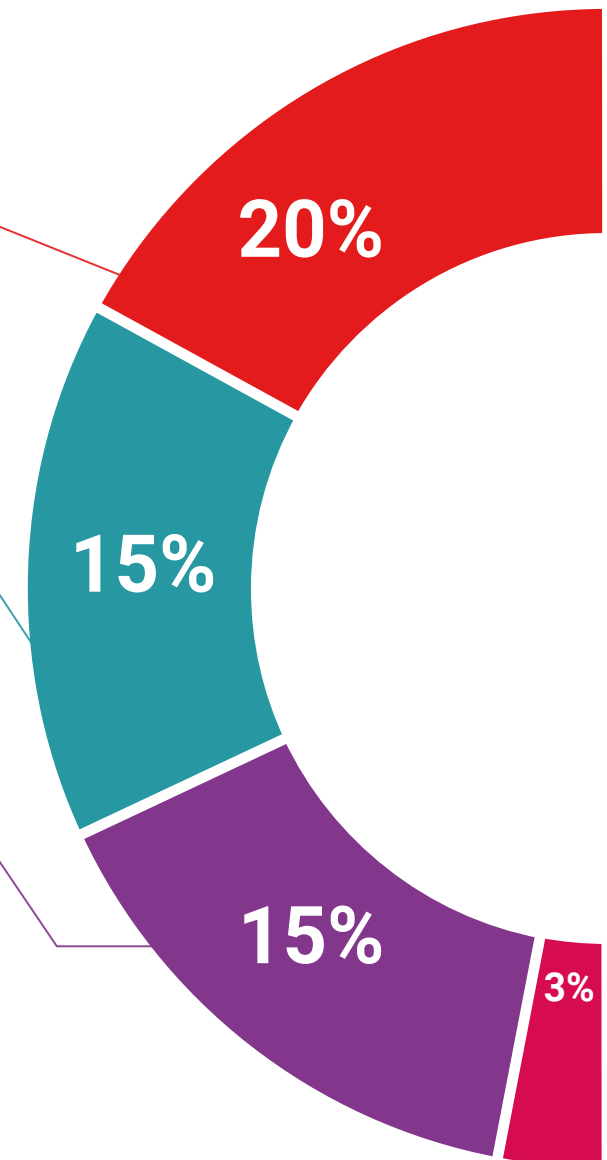
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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

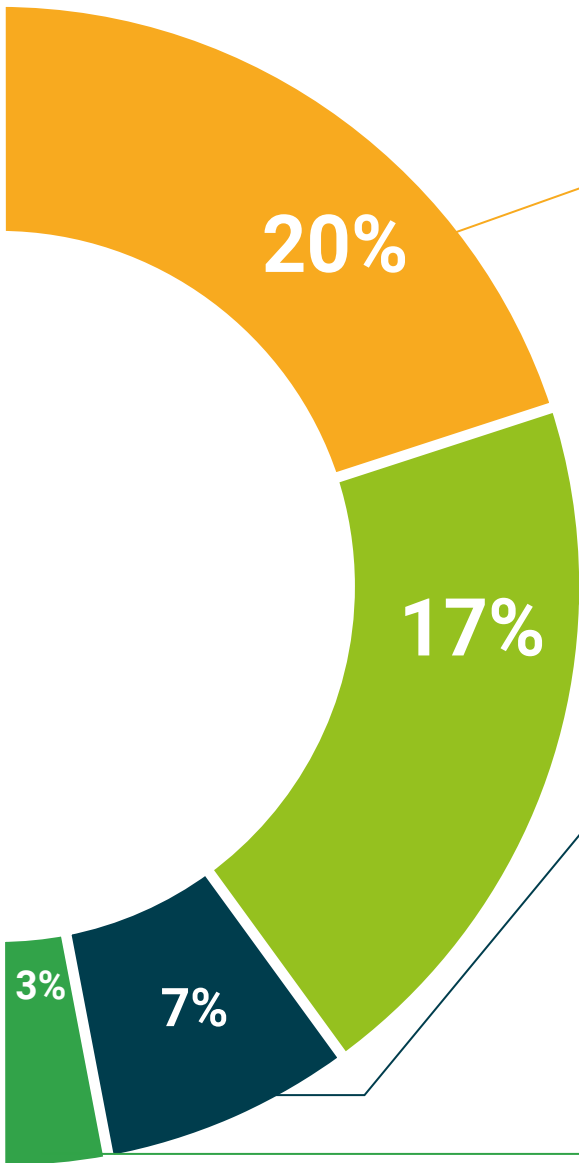


### Additional Reading

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.



# 10 Certificate

The Hybrid Professional Master's Degree in Clinical Nutrition for Nursing guarantees, in addition to the most rigorous and updated training, access to a Hybrid Professional Master's Degree issued by TECH Technological University.



“

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

This **Hybrid Professional Master's Degree in Clinical Nutrition for Nursing** contains the most complete and up-to-date program on the professional and academic field.

After the student has passed the assessments, they will receive their corresponding Hybrid Professional Master's Degree diploma issued by TECH Technological University via tracked delivery\*.

In addition to the diploma, students will be able to obtain an academic transcript, as well as a diploma outlining the contents of the program. In order to do so, students should contact their academic advisor, who will provide them with all the necessary information.

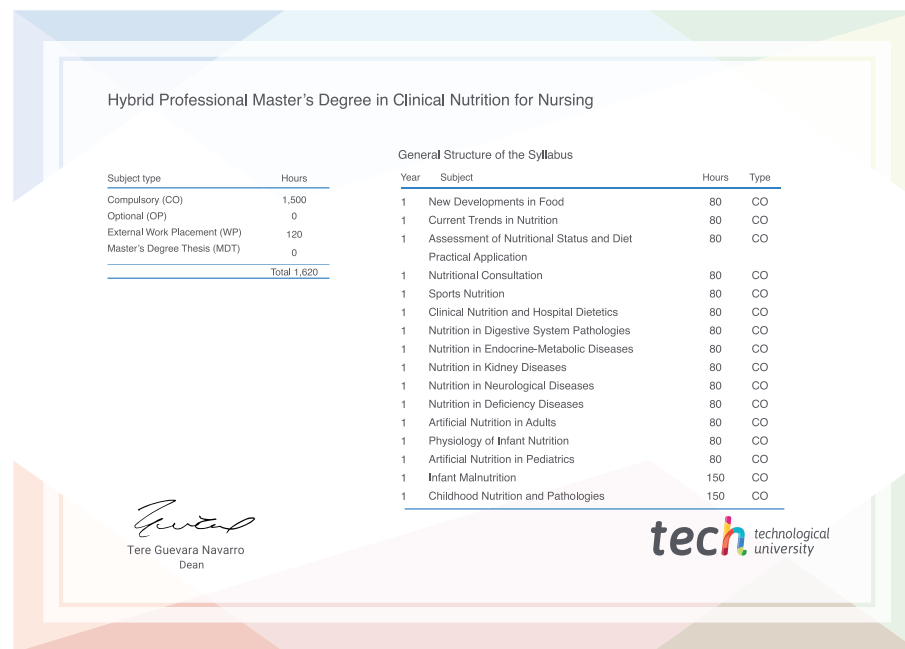
Title: **Hybrid Professional Master's Degree in Clinical Nutrition for Nursing**

Course Modality: **Hybrid (Online + Clinical Internship)**

Duration: **12 months**

Certificate: **TECH Technological University**

Teaching Hours: **1,620 hours.**



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



## Hybrid Professional Master's Degree Clinical Nutrition for Nursing

Course Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Technological University

Teaching Hours: 1,620 h.

# Hybrid Professional Master's Degree Clinical Nutrition for Nursing

